Oracle's PeopleSoft Enterprise 9.1 Prerelease Notes

PeopleSoft Enterprise Financial Management Solutions 9.1

PeopleSoft Enterprise Asset Lifecycle Management 9.1

PeopleSoft Enterprise Service Automation 9.1

PeopleSoft Enterprise Supplier Relationship Management 9.1

PeopleSoft Enterprise Supply Chain Management 9.1

August 2009

ORACLE

Prerelease Notes for PeopleSoft Enterprise FMS, ALM, ESA, SRM and SCM 9.1

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Purpose Statement

This document provides an overview of features and enhancements included in Release 9.1. It is intended solely to help you assess the business benefits of upgrading to Release 9.1 and to plan your I.T. projects.

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Prerelease Notes for PeopleSoft Enterprise FMS, ALM, ESA, SRM and SCM 9.1 Preface

This document provides an overview of the new features and enhancements planned for PeopleSoft Enterprise FMS, ALM, ESA, SRM and SCM 9.1. It is a road map that is intended to help you assess the business benefits of Release 9.1 and to plan your information technology (IT) projects and investments. More information about all of our PeopleSoft Enterprise products can be found at http://www.oracle.com/applications/peoplesoft-enterprise.html

The new features and enhancements included in this release are grouped according to business process to better demonstrate how PeopleSoft solutions help you optimize your business processes. Our goal is to ensure that you leverage technology to its fullest to increase the efficiency and effectiveness of your operations. Please note that the final release may not include every feature that is discussed in this document, and a specific feature may be included in a different application or have a product name that is different from those cited in this document.

PeopleSoft Release Information Publications

This section discusses the publications that provide in-depth technical and functional information that is available at the time of publication:

- Release value proposition
- Prerelease notes
- Release notes

Release Value Proposition

The release value proposition identifies major enhancements and articulates the expected business benefit. This document is designed to help you determine whether new product features warrant upgrading from a previous release or embarking on a new PeopleSoft implementation. With this information, managers can initiate preliminary budget planning and begin organizing a project team to further evaluate specific PeopleSoft products.

Note. Only those products with significant enhancements are discussed in this release document. However, enhancement details for all products will be available in future release notes.

Prerelease Notes

Prerelease notes provide more functional and technical details than the release value proposition. The added level of detail enables project teams to answer the following questions:

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- What delivered functionality will change?
- What customizations may be affected?
- How will an upgrade or new implementation affect other systems?
- How will these changes affect the organization?

After the project team has reviewed and analyzed the prerelease notes, business decision makers should be in a position to determine whether to allocate budget and initiate implementation plans.

Release Notes

Release notes are published at GA (general availability) and validate the final scope of the release. The release notes discuss the features and enhancements that are available with the GA release of each product. They describe the finalized functional and technical details that will enable project teams to confirm budgets and complete implementation plans.

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Executive Summary

To achieve competitive superiority in business, organizations must often balance the need to maintain predictable levels of productivity and continuity with the desire to extend or evolve existing business processes or to create new processes. These changes come from many sources: mergers and acquisitions, new partnerships, corporate reorganizations and expansions, changes in tax codes, new government regulations, and changes in corporate strategy, tactics or priorities.

Business operations and information technology now are inextricably linked. The ability to make effective changes to business processes often depends upon the flexibility and adaptability of an organization's information technology. With most enterprises containing thousands of individual hardware and software components, there is an ever-increasing need for applications that can deliver both predictability and responsiveness to change.

For our customers, road maps represent continuity: an upgrade path from the release in production. The road map, grounded in extensive customer interactions as part of advisory boards, user groups, and direct customer contact with Oracle executives, provides visibility into the strategic direction of our solutions. Oracle's PeopleSoft Enterprise Financial and Supply Chain Management 9.1 solutions demonstrate our commitment to continuity and to maintaining customer investments.

The process of determining how to extend the value of your software investments can begin with understanding the logic behind our investment decisions at Oracle. Examining the business drivers that led to Oracle's investments and then the areas in which we extended and added application capabilities will provide you the basis for making your own investment road map.

The following sections discuss in greater detail the value propositions of PeopleSoft Enterprise 9.1 in each of the following key focus areas:

- Flexibility
- Intelligent Business Execution
- Organizational Effectiveness

Flexibility

Software applications must be flexible to adapt to changing business needs. Whether your business is changing due to restructuring, acquisitions, or divestitures or you simply want to stand out from the competition with innovative business practices, you need software applications that can be easily tailored to your unique situation. PeopleSoft Financials and Supply Chain Management 9.1 offer additional flexibility that enables you to configure your applications for the way you do business, seamlessly integrate with other applications, and take advantage of an array of tools, including next-generation technologies.

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Intelligent Business Execution

Financial and supply chain activities must be aligned with business objectives. Whether strategic decisions are made by managers, executives, or other professionals, PeopleSoft FSCM 9.1 allows you to put more decision support tools in the hands of the decision makers, enabling them to make informed recommendations and take timely, appropriate action.

Organizational Effectiveness

Maintaining optimal efficiency continues to be an important objective for organizations. In a tightening economy and increasingly competitive environment, organizations must streamline their business operations. With PeopleSoft FSCM 9.1 we have continued our focus on process efficiency and usability. Delivering more intuitive applications will facilitate broader adoption throughout an enterprise, while enhancements to core business process functionality will minimize administrative responsibilities throughout the organization.

With PeopleSoft FSCM 9.1, we are streamlining the approvals and delegation framework in the Financials and Supply Chain products. The approvals and delegations framework provides a flexible approach to delegating user security to a particular process as well as maintaining an audit trail.

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PeopleSoft Enterprise FSCM 9.1 Prerelease Notes

PeopleSoft FSCM 9.1 represents Oracle's ongoing commitment to investing in our existing suite of applications, allowing customers to make choices that best fit their business needs. Enhanced functionality in PeopleSoft FSCM 9.1 delivers on that commitment by increasing the value of your existing investment and providing more time to determine the upgrade strategy that makes sense for your organization.

The PeopleSoft FSCM 9.1 Prerelease Notes describe enhancements grouped by business process for the following solutions that are scheduled to be released in calendar year 2009:

- PeopleSoft Enterprise Financial Management Solutions 9.1
- PeopleSoft Enterprise Asset Lifecycle Management 9.1
- PeopleSoft Enterprise Service Automation 9.1
- PeopleSoft Enterprise Supplier Relationship Management 9.1
- PeopleSoft Enterprise Supply Chain Management 9.1

This document discusses global compliance, cross-pillar enhancements and presents the features of the aforementioned solutions within the following business process overviews:

- Financial Control and Reporting
- Plan to Retire
- Program and Portfolio Management
- Source to Settle
- Plan to Produce
- Order to Cash

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Extending the Global Reach

PeopleSoft Enterprise 9.1 supports several features that impact global customers and their related implementation requirements. Global features can impact several products or be part of the Global Components framework. Please refer to individual product areas for specific global features that affect a specific product.

Global Compliance and Controls

Global compliance and control enhancements for PeopleSoft FSCM Release 9.1 include:

- Value Added Tax (VAT) Enhancements
- Reverse Charge VAT
- Intrastat Nature of Transaction Code
- UK Construction Industry Scheme Withholding
- VAT for AR-Prepaid Accounting
- Single Euro Payment Area (SEPA)
- Payment Layout Catalogue Expansion

Value Added Tax (VAT) Enhancements

Customers subject to VAT are registered for VAT internationally, domestically, or both when supporting a certain volume of business. They get a VAT Registration ID from governmental authorities. Currently, the VAT registration ID length and structure is 12 characters as requested within the European Union (EU) community. However, countries such as Canada, Poland, the Czech Republic, and Mexico require a longer VAT Registration ID.

New Functionality

In order to avoid customizations and meet the regulatory requirement, PeopleSoft Enterprise FSCM 9.1 increases the VAT Registration ID field and the Local Registration ID fields from 12 characters to 20 characters in the Oracle PeopleSoft Enterprise products.

In addition, within PeopleSoft Enterprise products for prior releases, the ISO 3166 two-character country code has been displayed on the pages as a prefix to the VAT Registration ID. However, some countries are not using the ISO 3166 country codes in conjunction with their VAT Registration ID. The codes that are used and required are usually similar to those of the ISO 3166. For some countries, such as Greece, an entirely different code is used. Enterprise Financials 9.1 delivers the required two-character country code on the Country Statistics page to be used with the VAT registration ID.

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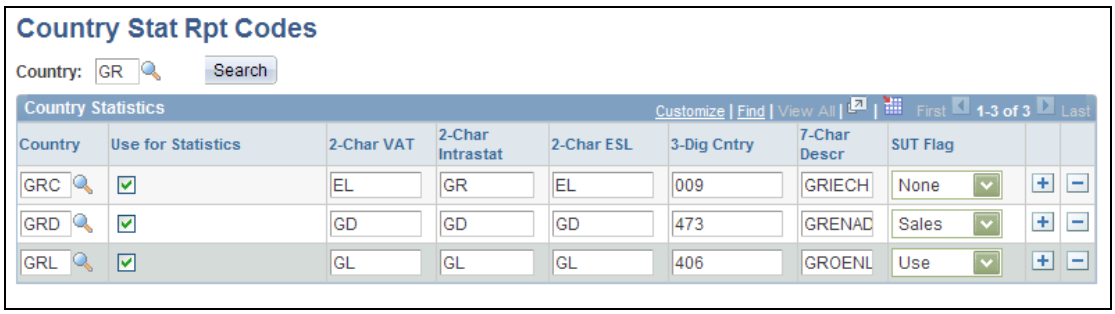
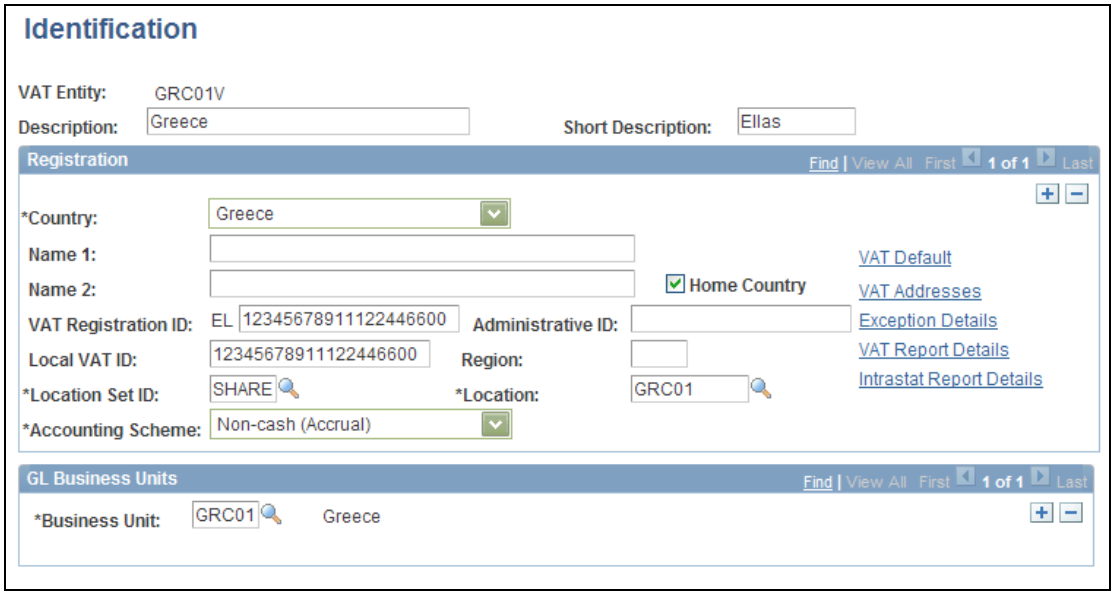
The Country Stat Rpt Codes page includes the two-character VAT country code definition along with the various other types of country codes (Set Up Financials/Supply Chain, Common Definitions, Location, Country Statistics, Country Stat Rpt Codes):



Country Stat Rpt Codes page

These codes are delivered predefined for this page and should not be changed.

The VAT Entity Identification page shows the increased 20-character field lengths for VAT Registration ID and Local VAT ID (Setup Financials/Supply Chain, Common Definitions, VAT and Intrastat, Value Added Tax, VAT Entity):



VAT Entity - Identification page

The two-character country code as defined on the Country Stat Rpt Codes page is displayed by the system in front of the VAT Registration ID field.

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Reverse Charge VAT

To combat lost revenue from fraud, the United Kingdom (UK) has introduced Reverse Charge VAT for specified categories of purchased goods, such as cell phones and computer chips. The domestic reverse charge applies to sales of these goods within the UK if the specified goods are purchased by a VAT-registered business for business purposes. Sales to nonbusiness customers are unaffected by the provision, and normal VAT rules apply.

Under the domestic reverse charge procedure, the commercial purchaser of the specified goods is liable to the taxing authority for the tax rather than the seller. However, both seller and purchaser must report the VAT on the sale in the specified manners.

While the seller does not collect VAT, the seller must specify on the sales invoice that the domestic reverse charge applies and state the amount of VAT that applies to the particular sale. The seller must also submit to the taxing authority a domestic reverse charge sales list, which lists purchaser and transaction details of sales for which the reverse domestic charge has been applied.

The purchaser must file a VAT return and is liable for the tax that is due to the taxing authority. If the purchaser has correctly accounted for the VAT under the domestic reverse charge procedure, the purchaser retains the right to input tax recovery, subject to the normal rules.

To minimize the accounting impact of VAT-registered customers on sellers, there is a de minimus limit of £5000 per invoice, exclusive of VAT, below which the reverse domestic charge does not apply. Normal VAT accounting rules apply to transactions below the £5000 limit.

New Functionality

PeopleSoft Enterprise FSCM 9.1 supports the new requirements to apply a reverse charge treatment in the case of a domestic supply of specific items. You can specify by country whether reverse VAT charges apply and whether specific VAT drivers (such as, products, inventory items, vendors, and customers) are subject to the reverse charges.

Additionally, a new VAT report is provided: UK Reverse Charge Sales List. This report lists domestic business sales that are subject to reverse charges and the VAT that is due from the purchasers on these sales.

The de minimus limit is not captured by the PeopleSoft system. The VAT treatment for transactions falling below the reverse charge limit is the same as those within the limit for reverse charge treatment. If the reverse charge should not be applied to the transaction, it must be manually overridden.

Note: This information is not intended as a definitive guide to reporting reverse domestic charge transactions. The reverse domestic charge is subject to change. Please refer to the most recent VAT Information Sheet published by HM Revenue and Customs (HMRC) for details on how to report these transactions. Please also consult your tax advisors to ensure that the domestic reverse charge is being applied, reported, and paid correctly.

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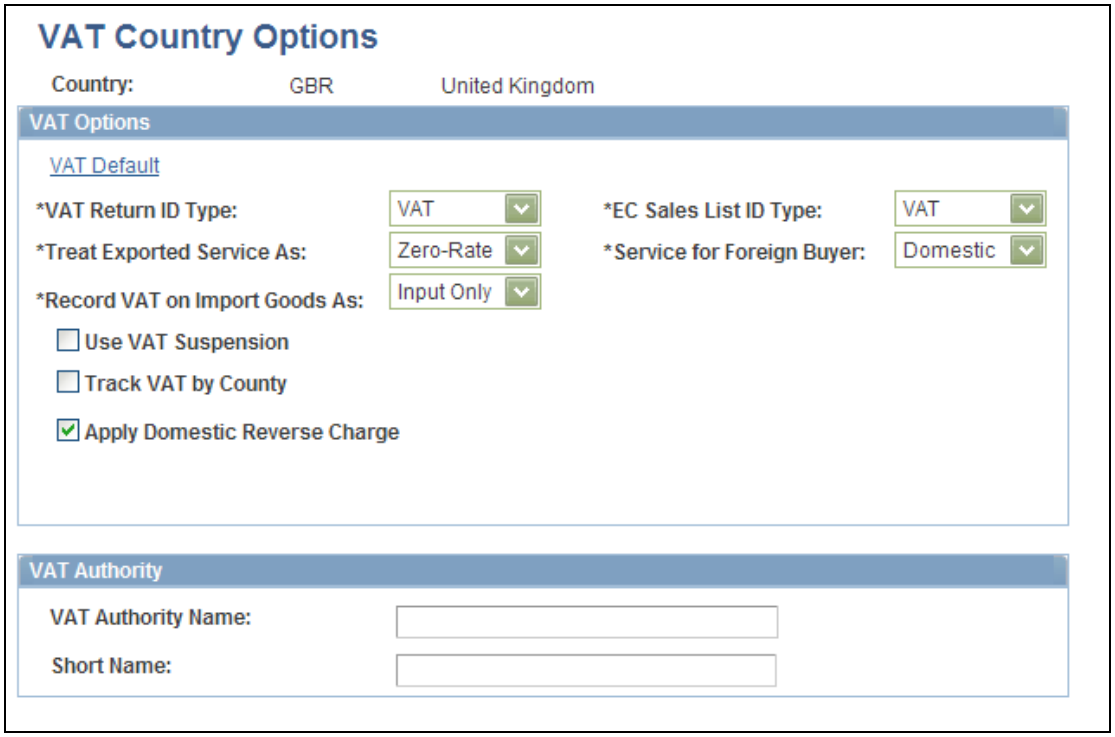
To enable the domestic reverse charge, access the VAT Country Options page (Set Up Financials/Supply Chain, Common Definitions, VAT and Intrastat, Value Added Tax, VAT Country Options):



VAT Country Options page

Select the Apply Domestic Reverse Charge check box to enable the option for countries that require the use of the domestic reverse charge provision for certain goods.

You can define new defaults for specific VAT drivers that are subject to the reverse charge.

New fields on the VAT Defaults Setup page include (Set Up Financials/Supply Chain, Common Definitions, VAT and Intrastat, Value Added Tax, VAT Defaults, VAT Defaults Setup):

1. VAT Control Defaults
   - Domestic Reverse Charge - Indicate whether the VAT driver is subject to the domestic reverse charge.
2. VAT Transaction Type Defaults
   - Domestic Reverse Chrg Purchase - Specify a default VAT transaction type to be used for purchases to which the domestic reverse charge applies, if required.
   - Domestic Reverse Charge Sales - Specify a default VAT transaction type to be used for sales to which the domestic reverse charge applies, if required.

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3. Customer VAT Code

- Taxable Goods Sales VAT Code - Specify the default value to be used for calculating the amount of VAT for which the customer is liable.

These defaults are applied to transaction lines (within PeopleSoft Payables, Asset Management, Billing, Receivables, and so on) to indicate that goods on the line are subject to the VAT reverse charge and to ensure that they are recorded, accounted for, and reported correctly.

Messages relating to the domestic reverse charge are displayed for the applicable transaction lines.

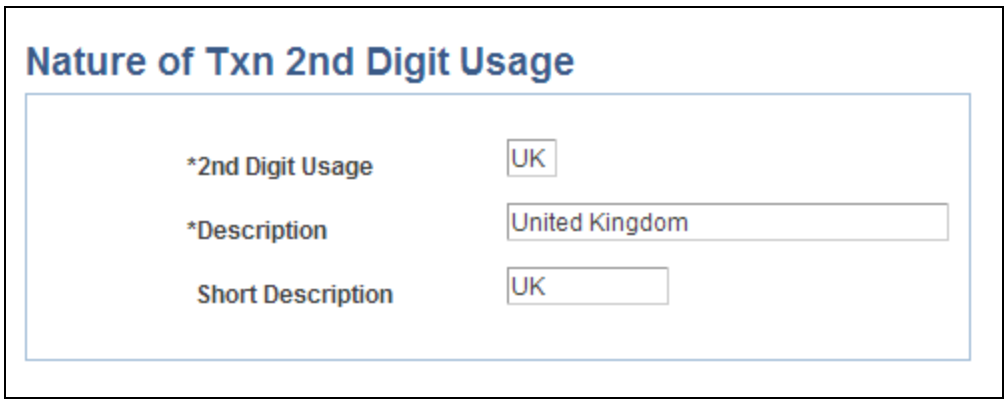
Intrastat Nature of Transaction Code

Traders in EU member states who either ship goods to or receive goods from VAT-registered traders in other EU member states are required to file Intrastat returns. These returns detail all the goods either shipped to or received from other EU member states. One of the elements on each line of this return is the Nature of Transaction Code (NOTC), which identifies the type of transaction. This code consists of 2 digits. The list of valid values for the first digit is defined by the EU and must be used consistently by all member states. For the second digit, however, member states have the option to either use the list of values defined by the EU or to use their own set of values.

New Functionality

If you file Intrastat returns for a country that uses its own set of 2nd digit values other than those delivered as system data for the EU and UK, you must create new values. To meet the current EU regulatory requirements, and to allow for future changes, PeopleSoft Enterprise 9.1 provides the ability to define multiple sets of values for the 2nd digit of the Intrastat NOTC, and then link the required set of values to the set of Intrastat Country Characteristics for the required country.

Access the Nature of Transaction 2nd Digit Usage page (Setup Financials/Supply Chain, Common Definitions, VAT and Intrastat, Intrastat, Nature of Transaction 2nd Digit Usage, Nature of Transaction 2nd Digit Usage):



Nature of Txn 2nd Digit Usage page

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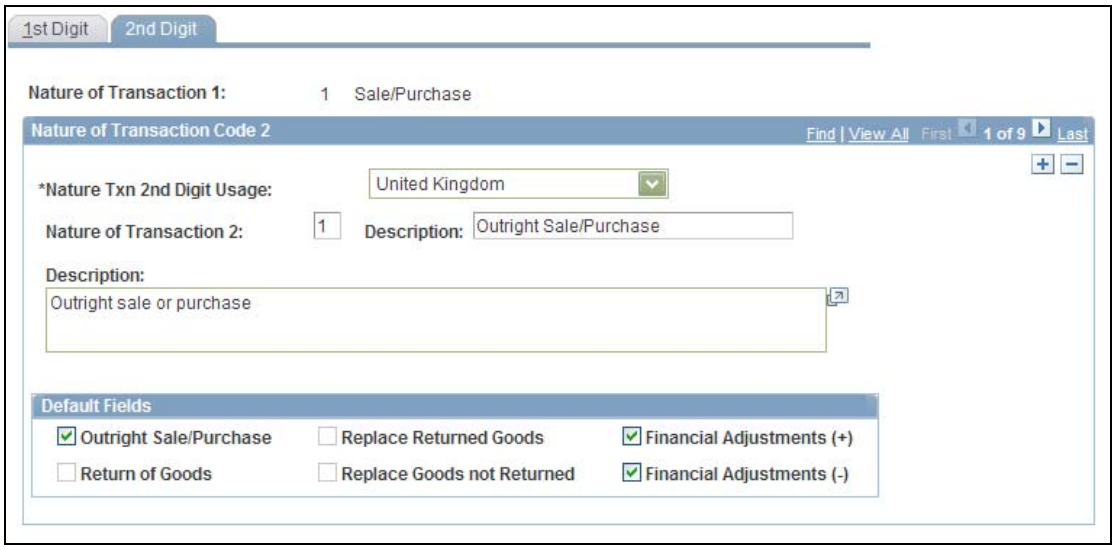
Use this page to define the identifiers for each new set of 2nd digit values. The system stores these names in the Nature of Transaction 2nd Digit Usage table. This table is the prompt table that the system uses to enable you to choose the appropriate 2nd digit usage identifier for a particular country in the EU when this field value is required on various Intrastat-related pages.

Access the Nature of Transaction Code – 2nd Digit page (Setup Financials/Supply Chain, Common Definitions, VAT and Intrastat, Intrastat, Nature of Transaction Code, 2nd Digit):



Nature of Transaction Code – 2nd Digit page

Use this page to define the set of 2nd digit values published by that country for the new 2nd digit identifier, along with applicable defaults.

You can then link each set of 2nd digit values to the Intrastat country for which they are to be used.

On the Country Characteristics page (within the Nature of Transaction Code section) you can specify whether the current country requires the use of the 2nd digit, and if so, which set of 2nd digit values to use for the country.

Access the Country Characteristics page (Setup Financials/Supply Chain, Common Definitions, VAT and Intrastat, Intrastat, Country Characteristics, Option a):

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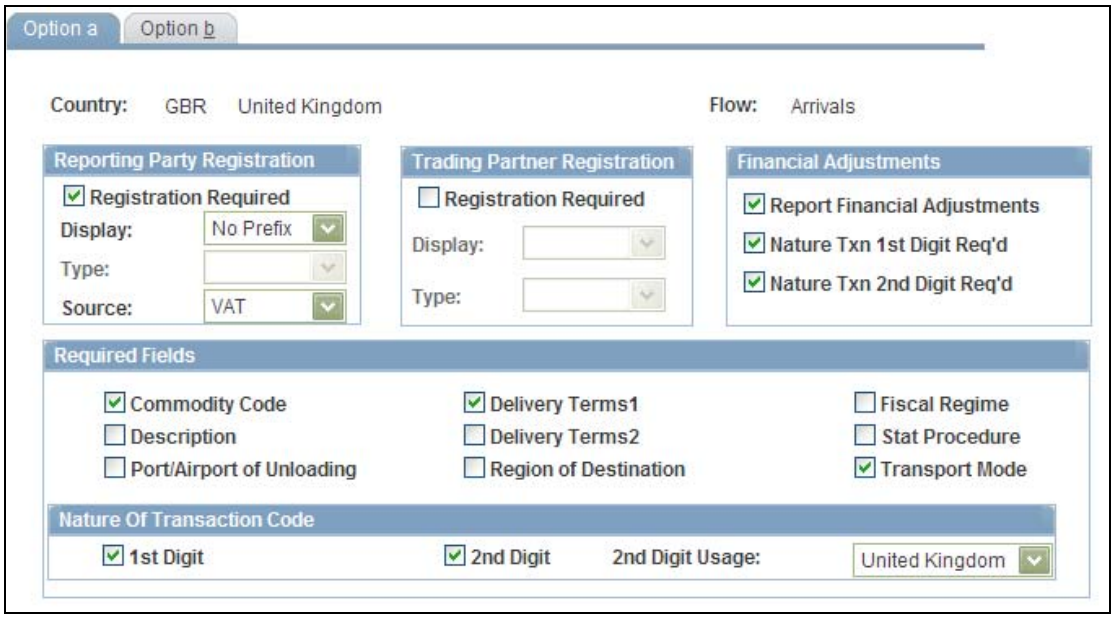

Country Characteristics - Option a page

Once this setup is complete, the new Nature of Transaction Code values are available for use on the Intrastat-applicable transaction. When entering a transaction, you are prompted for the first and second digits of the Nature of Transaction Code on the Line Detail page.

The list of values that are available for the 2nd digit depends on the usage identifier that you specify for the Intrastat reporting country, the value that you specify for the first digit, and the set of 2nd digit values that are associated with the 1st digit for that usage identifier.

UK Construction Industry Scheme Withholding

Legislation in the UK affecting the Construction Industry Scheme (CIS) was effective April 06, 2007. This legislation requires subcontractors to register with the HMRC. Contractors also must verify that subcontractors are registered with HMRC, whether they are to be paid gross or under deduction, and receive a Verification Reference Number. The existing CIS leverages the delivered withholding functionality of PeopleSoft Payables. In Release 9.1, we plan to enhance the ***UK Construction Industry Scheme withholding*** functionality to satisfy these new requirements.

New Functionality

Contractors and sub-contractors will no longer use CIS vouchers. Contractors must send a monthly return to HM Revenue & Customs including details of payments made within the scheme to all subcontractors, details of any deductions they have made from payments to subcontractors, a declaration confirming that employment status has been considered, and a declaration that the verification process has been applied correctly.

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The system creates scheduled payments for amounts that are deducted from payments to subcontractors defined under the withholding entity. These payments must be made to the HM Revenue & Customs within 14 days after the end of the tax month. You must create a vendor that represents the Accounts Office of the HM Revenue & Customs to which these deducted amounts can be remitted. To ensure that scheduled payments are made to the HM Revenue & Customs vendor, you enter the vendor details on the Withholding Entity page.

PeopleSoft Release 9.1 provides a flat file conforming to the CIS scheme GFF (generic flat file format) data mapping standards as defined in the EB5/CIS300 message implementation guidelines published by the HMRC.

The U.K. CIS File SQR report (APY8032), which you run from the Withhold Report request page, produces both the flat file and the report output. The PeopleSoft system produces two files:

- Construction Gross Payment Vouchers - This file contains details of payments that are made to Contractors. The file that is produced is called APY8032.23E (or APCIS23E.DAT on IBM OS390 servers).
- Tax Payment Vouchers - This file contains details of payments that are made to CIS4 registration card holder's subcontractors. The file produced is called APY8032.25E (or APCIS25E.DAT on IBM OS390 servers). In addition to producing the flat file, you must also print a copy of the Tax Payment Voucher (form CIS25E). This single-part document is sent to the subcontractor to provide a record of the amounts that have been deducted from the subcontractor's payments during the tax month.

To create the files, you must first post the withholding details into the transaction table using the Withholding Posting Application Engine process (AP_WTHD) from the Withhold Transaction Post page. You then need to extract the data from the transaction table into the reporting tables, using the Withhold Report Post page to run the Withholding Reporting Application Engine process (AP_WTHDRPT). On the Withhold Report Post page, you enter your report ID and control ID for CIS reports (the delivered report ID for monthly reports is CIS_NEW, UK Construction Industry Scheme; the delivered control ID is GBR-REPORT, UK Withholding Report). For the monthly returns, you must select the U.K. monthly tax calendar.

After you extract the data to the report files, you create the output files and the CIS25E report by running the withholding reports using the Withhold Report page.

All payments that are made to subcontractors during the tax year must be reported to the HMRC. This can be done using preprinted, multi-part stationery or through EDI. PeopleSoft Release 9.1 provides for the EDI solution. The system generates a flat file that conforms to the file that is specified in the Inland Revenue Message Implementation Guide. We produce a single file, End of Year Payments. The file that is produced is called APY8032.36E (or APCIS36E.DAT on IBM OS390 servers).

For you to create the files, all the withholding details for the year must have been posted to the transaction table using the Withhold Transaction Post page.

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Then, extract the data from the transaction table into the reporting tables using the Withhold Report Post page. For the annual returns, select the U.K. annual tax calendar.

After you extract the data to the report table, you create the output file by running the Withholding Reports program.

VAT for AR-Prepaid Accounting

Customers in France requested changes to the way VAT is accounted for on an advance payment for a sales transaction. Currently, because the AR-Prepaid account records the prepayment without tax, the customer balance accounts (AR and AR-Prepaid) are underestimated. Customers are doing a manual adjustment in GL to regularize the VAT in customer accounts. In Release 9.1, we plan to provide functionality to fulfill these requirements by including the VAT amount in the accounting entry in the AR-Prepaid account. To balance the transaction, a new accounting entry will be entered in a VAT to Adjust account. Also, when a prepayment is applied against an invoice, or written-off, the amounts in the AR-Prepaid account and the VAT to Adjust account will be reversed accordingly.

Single Euro Payment Area (SEPA)

The Single Euro Payments Area (SEPA) initiative for the European financial infrastructure involves the creation of a zone for the euro in which all electronic payments will use the same layout. The goal of this initiative is to improve the efficiency of cross-border payments and turn the fragmented national markets for euro payments into a single domestic one.

The SEPA payment instruments will operate alongside existing national processes. Full migration to the new format is planned for the end of 2011.

In the Cash Management product the Financial Gateway feature facilitates straight-through payment processing, providing a single platform for seamless communication between banks, financial institutions, and corporations to process all payments and receipts. PeopleSoft plans to support the new requirements for SEPA (SEPA Credit and Direct Debits Transfers, Exception Handling process) through its central payment hub, Financial Gateway.

Payment Layout Catalogue Expansion

The Payment layout catalogue for the Financial Gateway was expanded to support ISO20022 version 2, SEPA Direct debit, SEPA Credit Transfer, and Spanish Electronic Funds Transfer (EFT). This expansion means more support from PeopleSoft.

Flexible Remittance Advice

The current settlements process does not offer a standard remittance advice outside of the payment file itself. Some payment formats, such as ACH 820 and ISO 20022, do provide a standard remittance advice. Without remittance advices, the reconciliation process can be cumbersome for both the supplier and the buyers.

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PeopleSoft 9.1 will deliver a Flexible Remittance Advice via the Financial Gateway that will allow organizations to realize the full potential of electronic payments. The Remittance Advice layout will be configurable to support supplier needs and will be delivered via email. Flexible Remittance Advice will provide a secure, easy-to-use solution.

The remittance advices functionality will save time, resources, and money for the buyer and the seller by helping the supplier's accounts payable department to efficiently reconcile financial activity.

Cross Pillar Enhancements

The continuing wave of compliance focuses on enforcement. Improved enforcement requires building sustainable technology architecture, streamlining processes, reducing system complexity and improving performance with reduced staff. PeopleSoft Financials, Asset Lifecycle Management, Enterprise Services Automation, Supplier Relationship Management and Supply Chain Management offerings provide the tools you need to build configurable architecture that will achieve your compliance objectives, reduce your costs, and increase your visibility. The cross-pillar enhancements for PeopleSoft FSCM Release 9.1 include:

- ChartField Security
- Financials Audit Framework
- Consistent Combination Editing
- Expanded ChartField Long Description
- Attachments
- Message and Alerts Framework

ChartField Security

Customers have expressed the need to control access to financial data at a more granular level. The PeopleSoft architecture, which provides robust security infrastructure to manage access to specific menus, components, and pages, is complemented by an application security layer that further allows you to manage access to specific control data such as business unit, paycycle, project, asset book and others within the applications.

New Functionality

ChartField Security provides a flexible framework for configuring and maintaining data-level security and allows you to:

- Enable or disable ChartField Security by product.
- Control access for up to two ChartFields for specific high-exposure entry functions and most inquiry functions.
- Leverage PeopleSoft tree nodes and ranges, permission lists, and roles to configure security rules.

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- Control access by user ID, role or permission list.

When enabled, ChartField Security prevents access to:

- Online transactions with unauthorized ChartField values.
- Accounting data with unauthorized ChartField values in inquiry components.
- Unauthorized ChartField values during data entry (purchasing entry, voucher entry, Receivables online pending items, treasury accounting entries, and journal entry).

For the following products, you can enable ChartField Security:

Core Financials	Procurement and Other
Asset Management	Contracts
Billing	Cost Management
Commitment Control	Grants Management
Expenses	Inventory
General Ledger	Order Management
Payables	Purchasing
Project Costing	Service Procurement
Receivables	eProcurement
Treasury	

ChartField Security restricts users to authorized ChartField values from the prompt list. This applies to transaction entry components and components used to maintain transaction data. This does not apply to the inquiry components.

To implement ChartField Security:

- Define security options and products in the ChartField Security component.
- Enable or disable components and set component-level options on the Component Registry - Secured Components page.
- Define security rules using the ChartField Security Rules page.
- Assign security rules using the Assign Rules, Exceptions and Security Values pages.
- Run the Security Build process to populate the security tables from the rule assignments.

For more information, see ChartField Security in General Ledger.

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Financials Audit Framework

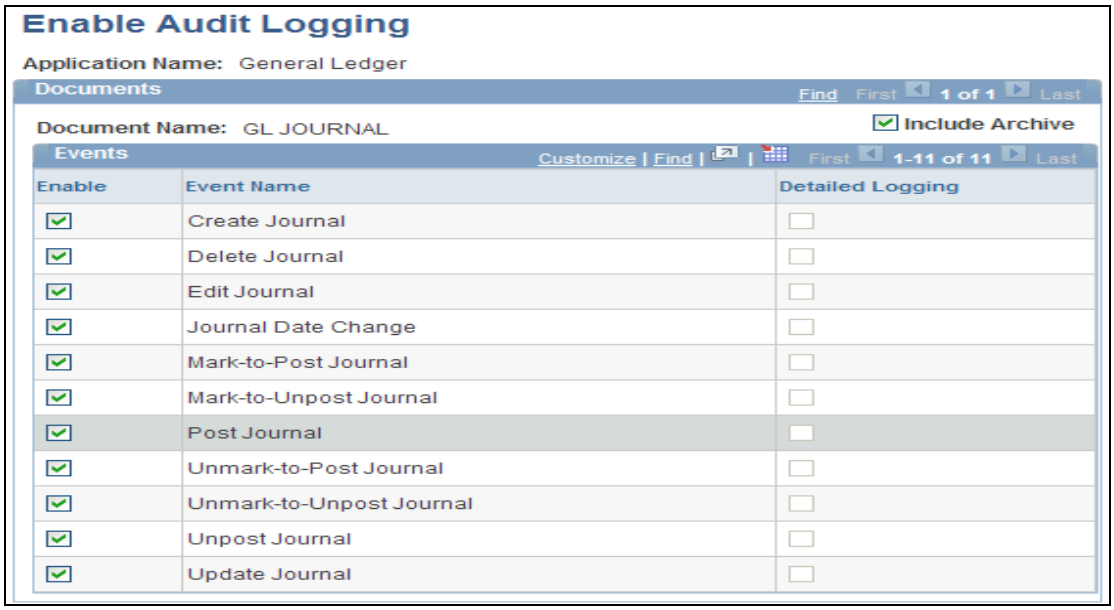
Customers are required to have visibility into the processing of financial transactions and the user community that has updated that activity. Each industry and organization has a variety of regulatory and corporate requirements that differ but have the same basic need. To increase accountability and visibility for financial transactions, customers need more effective audit trails and controls for various transactions in the system with the ability to track updates by user.

New Functionality

PeopleSoft Release 9.1 introduces the Financials Audit Framework (audit logging), which provides efficient tracking of transaction processing that results in enhanced visibility and detailed audit trails. The framework provides a centralized structure that enables you to identify the statuses of transactions that need to be tracked according to the needs of each organization. Further, the new capability provides online views into the audit log results that can be accessed by source, transaction and user. The framework also provides archiving for the audit log. The audit logging framework is available for the following transaction flows:

- General Ledger Journal Processing.
- Accounts Payable Vouchers, Drafts and Payments.
- Accounts Receivable Items, Drafts and Payments.
- Asset Management Asset Adds, Cost Adjustments and Transfers, Depreciation, Retirements/Reinstatements, Inter-Unit Transfers, Re-categorizations, Asset Copy, and Revaluation.

To activate audit logging capabilities, access the Enable Audit Logging page (Setup Financial/Supply Chain, Common Definitions, Audit Logging, Enable Audit Logging, Enable Audit Logging):



Enable Audit Logging page

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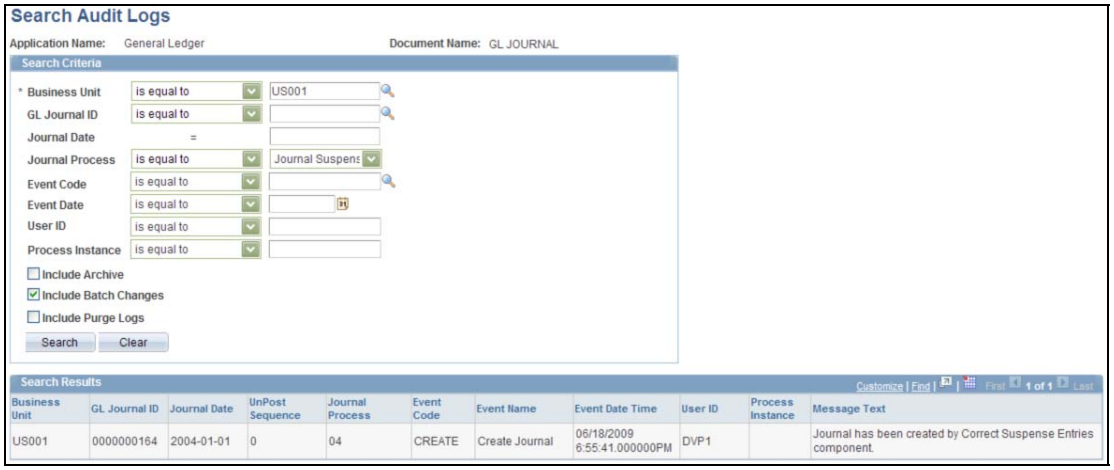
Select the application name of the product for which you want to enable events for audit logging and select the events that you want to track.

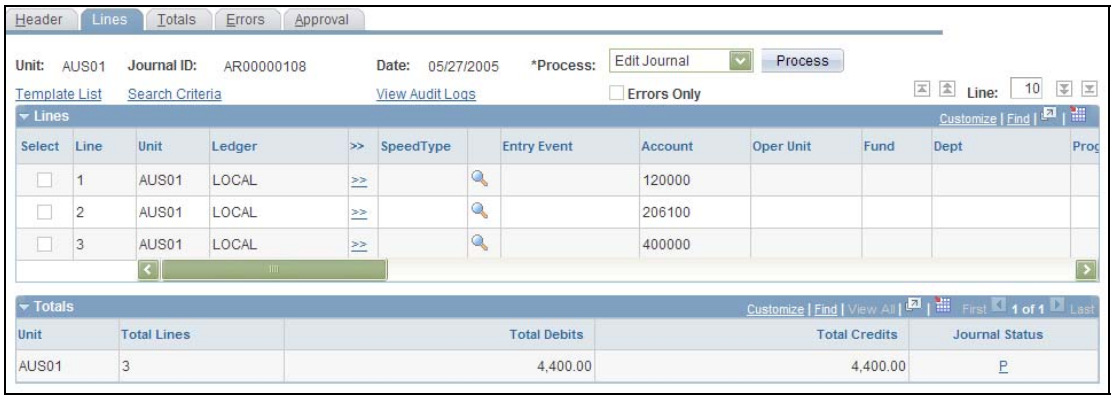
Once events are enabled, you can search for audit logs using the Search Audit Logs page and can delete audit logs using the Purge Audit Logs page.

Access the Search Audit Logs page (Setup Financial/Supply Chain, Common Definitions, Audit Logging, Search Audit Logs, Search Audit Logs):



Search Audit Logs page

You can also access the Search Audit Logs page from links that are provided on the transaction pages themselves, such as the Journal Entry - Lines page. The search result, by default, returns the audit trail for that particular journal:



Journal Entry - Lines page

Click the View Audit Logs link on the transaction page to view the audit log (Search Audit Logs page) of that transaction. A new window opens with the audit log.

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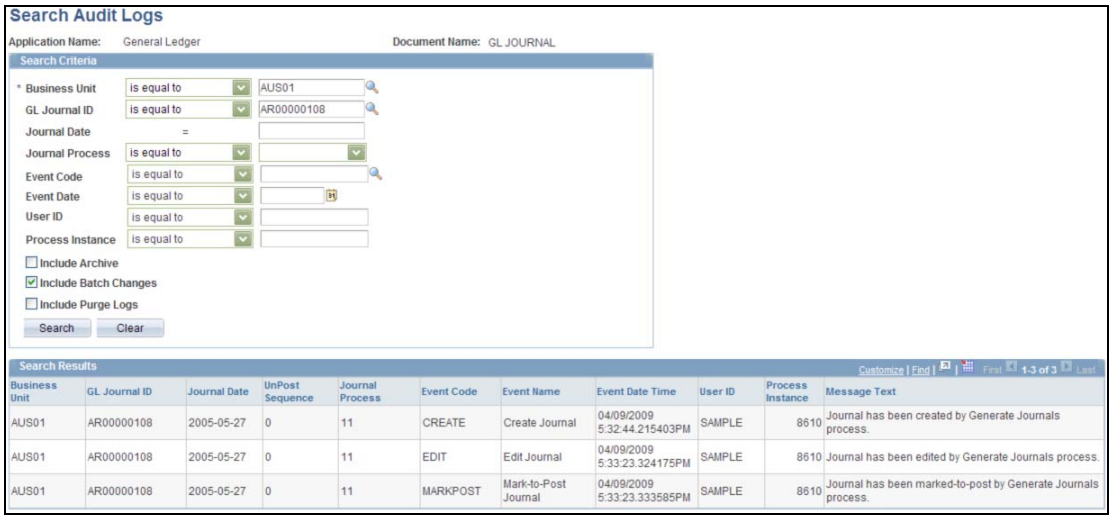
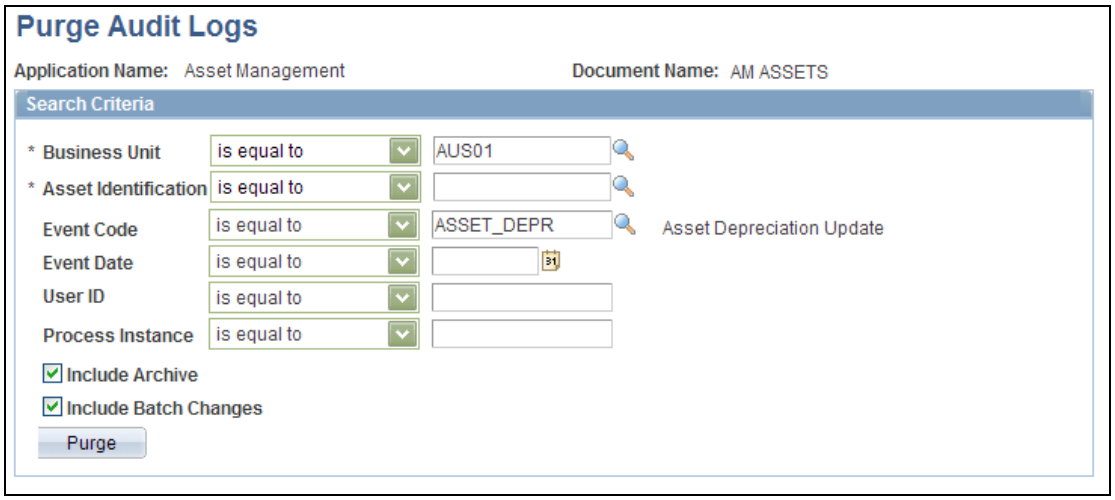


Search Audit Logs page (accessed from the transaction page)

Audit log data can be very large. For each document there are multiple events and one particular document can be edited multiple times, which means that the audit log table may have a huge amount of data. This data will need to be removed from the system from time to time for system maintenance.

Access the Purge Audit Logs page (Setup Financial/Supply Chain, Common Definitions, Audit Logging, Purge Audit Logs):



Purge Audit Logs page

Consistent Combination Editing

Combination editing enforces accuracy of data entry up front, thus reducing the reconciliation efforts between the GL activity and the transaction base. This feature has been enhanced in multiple releases to continually provide additional flexibility, performance, and control. To reduce error review and correction times, information within the error messages across applications should provide consistent and detailed information to aid in the troubleshooting process.

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New Functionality

PeopleSoft Enterprise FSCM 9.1 enhances usability and control by providing the same level of detail in error messages as is currently provided within PeopleSoft General Ledger. To facilitate combo edit error resolution, most PeopleSoft Enterprise products now provide information within the error messages to identify the combination group that is violated by the ChartField combination of a transaction or budget line.

The products that provide consistent combination editing and descriptive combination error messages are:

Core Financials	Procurement and Other
Asset Management	Contracts
Billing	Cost Management
Commitment Control	Supplier Contract Management
Expenses	Inventory
General Ledger	Work Order Management
Payables	Purchasing
Project Costing	eSettlements
Receivables	Pay//Bill Management
Treasury	eProcurement
	sPro
	Manufacturing

ChartField combinations for these products are validated prior to posting the accounting entries. Best practices dictate that these products rely on the existing common setup as established by General Ledger for their combination editing so as to prevent combo edit errors within General Ledger.

For specific information about how ChartField combination editing is used and how errors are researched and corrected within each PeopleSoft application, review the application-specific PeopleBooks.

Expanded ChartField Long Description

Expanded descriptions for ChartField values are particularly helpful for public sector organizations because fund names and descriptions can be quite lengthy.

New Functionality

PeopleSoft Enterprise 9.1 provides an expanded ChartField long description field. This is an informational field only and is effective-dated. You can use it to enter long descriptions and more extensive information about ChartField values.

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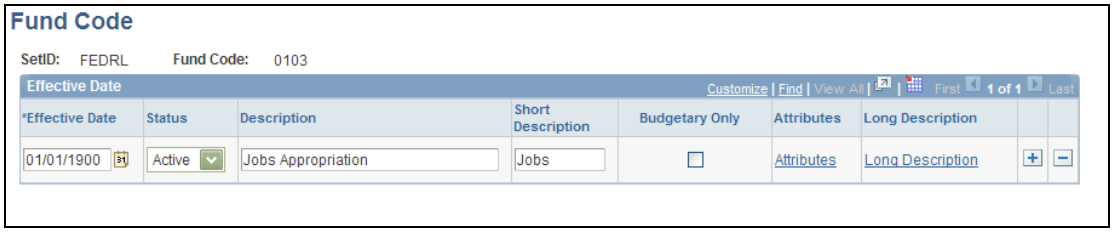
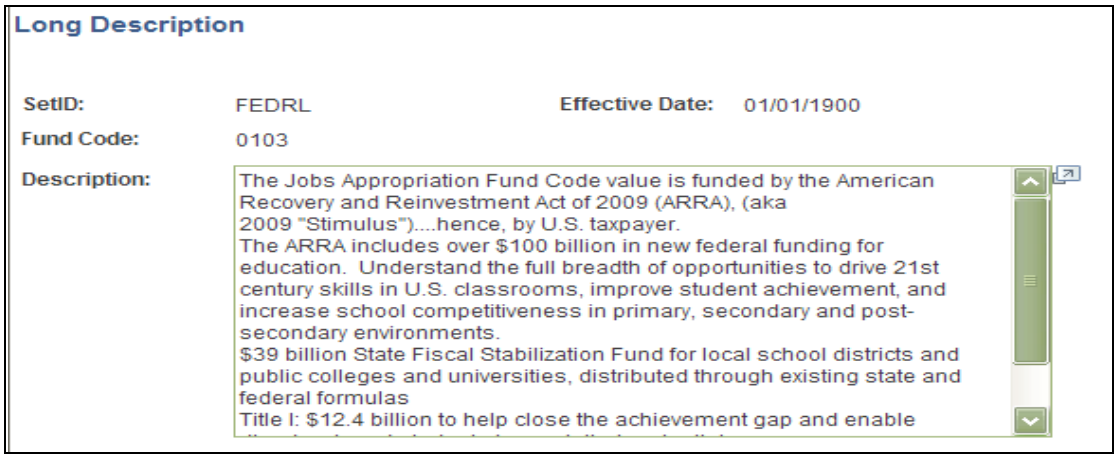
Access a ChartField value definition page (Set Up Financials/Supply Chain, Common Definitions, Design ChartFields, Define Values, ChartField Values):



Fund Code page

Click the Long Description link on a ChartField page when entering a new ChartField value to access the Long Description page:



Long Description page

Enter an extensive description and information about a ChartField value. You can enter separate effective-dated long descriptions when you add a new effective date for the ChartField value. Click the Display Description in Modal Window icon to see and update the entire expanded field.

The Long Description link is available on each of the ChartField entry pages, except for the project-related ChartFields. For the project-related fields, the long descriptions are entered in the Activity Definitions component in Project Costing.

Note: If PeopleSoft Project Costing is not enabled, add a long description using the link on the Project ChartField page.

Attachments

Organizations are required to provide support for financial transactions to auditors and regulatory agencies. Hard-copy formats or spreadsheet files that are technically separated from the financial transactions result in inefficiencies and loss of productivity. ERP systems must provide the ability to view supporting documentation from the same location as the financial transactions.

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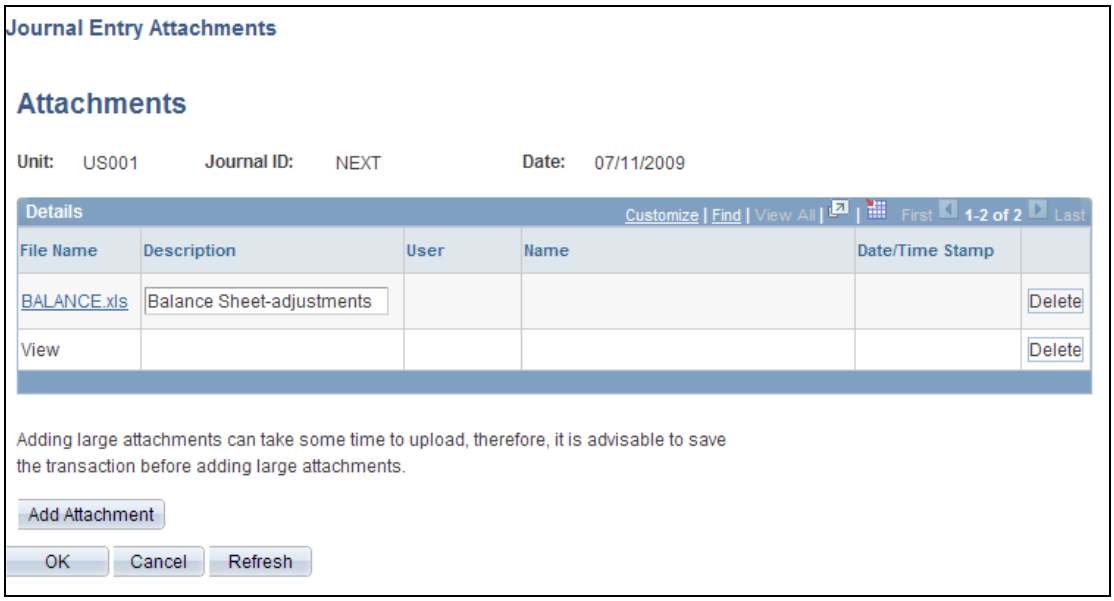
New Functionality

PeopleSoft Enterprise FSCM Release 9.1 extends the capability of attaching supporting documentation to the following financial transactions:

- General Ledger Standard Budget and Actual Journals
- Payables Vouchers and Payments
- Receivables Payments and Worksheets
- Cash Management Bank Signatories and EFT Transfers
- Asset Management Additions

Click the Attachments link to access the Attachments page (JOURNAL_ATT_SEC) where you can attach any relevant files that are related to the journal entry. The Attachments link on the Journal Header page (or other transaction page with this functionality) displays the number of attachments that are included with the journal entry. Application level details of the attachment are stored in the JRNL_HEADER_ATT record. These details include User ID, Name, and Date/Time Stamp. Each attachment is assigned a unique attachment ID and attachment information is stored on a single cross reference table, PV_ATTACHMENTS.



Journal Entry Attachments - Attachments page

You can also review the attachments from the Journal Inquiry page; however, the Attachments page is not editable when accessed from the inquiry page:

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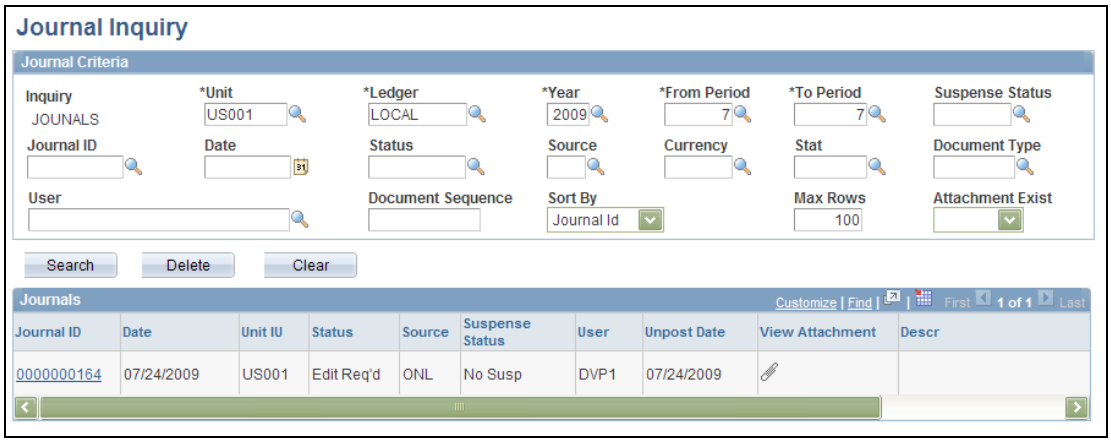

Journal Inquiry page

Click the View Attachment icon (paper clip) to view the read-only Attachments page and access the supporting file for review.

Note: There is an upgrade impact for components with attachment capability prior to the application of the new attachment architecture for Release 9.1.

Message and Alerts Framework

"I wish I could find those problems before my boss does!" How many times have we said that? With the Message and Alerts Framework in 9.1, we plan to provide you with the tools to be more proactive in discovering potential problems in the system before they occur. An easy-to-use set of tools will enable you to create a new query or use one of your existing queries to monitor conditions in your enterprise. You have the option of scheduling the query to run at intervals and notifying appropriate individuals via email or Worklist entries when further action is required. Examples of the Message and Alerts Framework queries will be provided as sample data in the FSCM database for many of the applications. The 9.1 Release Notes will list the actual delivered queries by application.

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Financial Control and Reporting Business Process Overview

Oracle's PeopleSoft Enterprise Financial Management solutions are designed to help our customers address today's challenges and to support their business opportunities. Today's opportunities focus on supporting profitable growth and business expansion. Today's workforce, suppliers, and customers are global. They cross regions and business lines. This creates challenges that revolve around reducing costs at every level and supporting ever increasing compliance requirements, both internal and external, in efficient and effective ways.

To reduce costs, a finance organization can streamline financial processes by supporting best practices, consolidating systems, standardizing charts of accounts, and so on. Supporting compliance and control requirements efficiently involves automating tasks, maintaining organizational policies, and having the tools to audit financial activity against those policies. Supporting profitable growth involves providing the right information to the right people at the right time. Enterprises need real time, actionable data in the context of specific financial tasks to better manage and execute their business decisions. PeopleSoft Financial Management products help our customers improve efficiencies, comply with regulations, and add value to their enterprise. With today's challenges and opportunities in mind, PeopleSoft Enterprise Financial Management Solutions 9.1 plans to focus on:

- Streamlining Financial Processes
- Global Compliance and Controls
- Integrated Performance Management

Financial Control and Reporting Business Process

The Financial Control and Reporting business process consists of five phases:

- The Control phase establishes internal controls and standards, manages those controls to account for changing business dynamics and provides compliance certification and reporting to appropriate authorities and stakeholders. This phase is iterative and self-extending in that the implementation of a base level of controls naturally leads to more effective business and financial management, which most often requires a more focused review of controls.

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- The Record phase captures transactions from all operational and support functions; record edits for accuracy, and posts to the ledger for reporting. The record function is a combination of automated processes and interfaces, as well as manual entries from a variety of sources, including applications within the PeopleSoft Enterprise application suite and information captured offline in mediums such as spreadsheets or from third-party industry-specific systems.
- The Transform phase encompasses the allocation of balances across organizational lines, calculation of foreign exchange gains or losses for transactions in a foreign currency, and the presentation of a set of financial statements in a common currency.
- The Close phase involves elimination of intercompany transactions and investments, posting of period-end adjustments, and consolidation of financial balances. The end result of this phase is a holistic view of your organization.
- The Measure phase includes creating and distributing financials results, reviewing and analyzing results, and adjusting plans based on results gathered from the earlier tasks in this phase. The measurement function is critical to all organizations, whether it serves an internal or external audience.

The following sections describe the new Financial Control and Reporting features and enhancements planned in PeopleSoft Enterprise Financial Management 9.1. They are presented by product as follows:

- General Ledger
- Treasury Management (Cash, Deal and Risk Management)

General Ledger 9.1

Organizations are under increased pressure to control and streamline financial processes in order to improve their bottom line, efficiently support compliance and control requirements, and enable real-time analysis and reporting. These requirements have created a need for systems that provide efficiencies that result in actual cost savings in the areas of processing, reconciliation, and reporting that will directly reduce the period close process. PeopleSoft Enterprise General Ledger 9.1 delivers enhancements that focus on:

- Streamlining Financial Processes
- Global Compliance and Controls

Streamlining Financial Processes

The following enhancements are added to improve the streamlining capabilities for PeopleSoft General Ledger:

- Enhanced Allocations
- Incremental Consolidations

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- Equitization and Consolidation Enhancements
- Enhanced General Ledger to Subsystem Reconciliation

Enhanced Allocations

General Ledger Allocations is a robust tool that has provided flexibility, automation, accuracy and control in distributing costs, revenues and other metrics across the enterprise. In General Ledger 9.1, the allocations module provides greater configuration flexibility, maintenance and processing efficiency.

New Functionality

The following Allocation enhancements are available in General Ledger 9.1:

- Exclusion logic for Pool and Basis when selecting a range of values.
- Allocation Group includes effective-dating and effective status.

Exclusion for Range of Values within Allocation Pool and Basis

Release 9.1 Allocation supports both inclusion and exclusion in Pool and Basis setup, with an additional exception layer. The following example illustrates the exclusion criteria with an exception to the exclusion:

The pool excludes departments 3xxxx and 5xxxx, except 35000 and 55000.

When you select the Range of Values option within the Pool Fields group box, the Include/Exclude field appears. Select to Include Specified Values or Exclude Specified Values. In the example the selection is for exclusion of Department ranges 30000 through 39999, and 50000 through 59999. To add exceptions to these exclusions, click the link in the Exceptions column. Initially, this value is 0, until you add exceptions. Then it shows the number of exceptions to each exclusion (or inclusion) that you have defined.

Access the Allocation - Pool page (Allocations, Define and Perform Allocations, Define Allocation Step, Pool):

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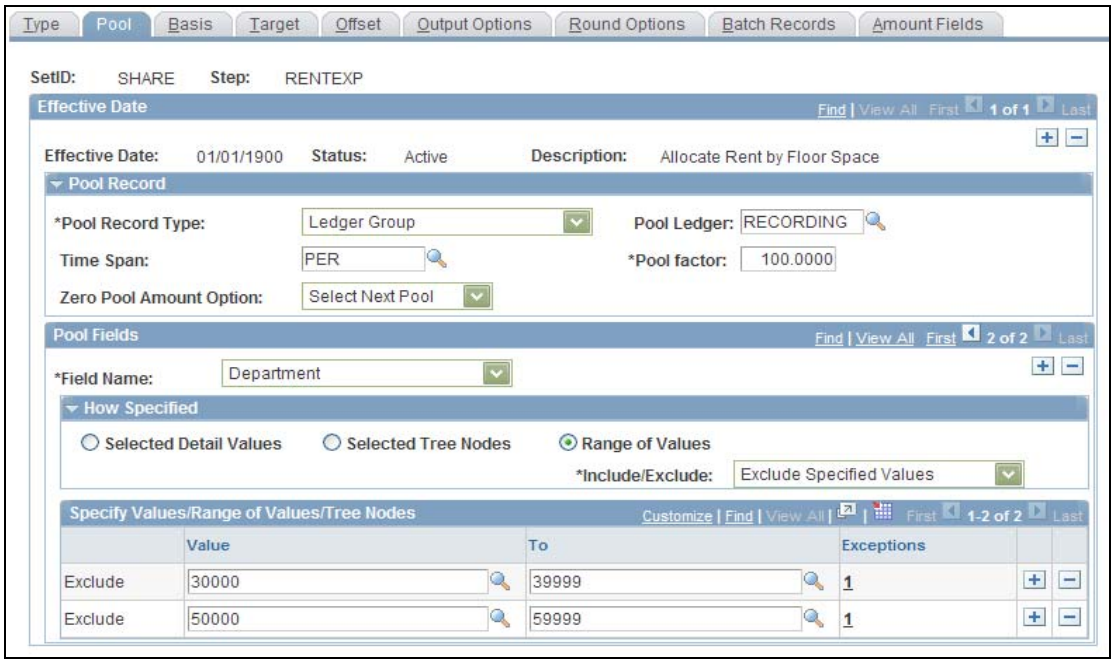
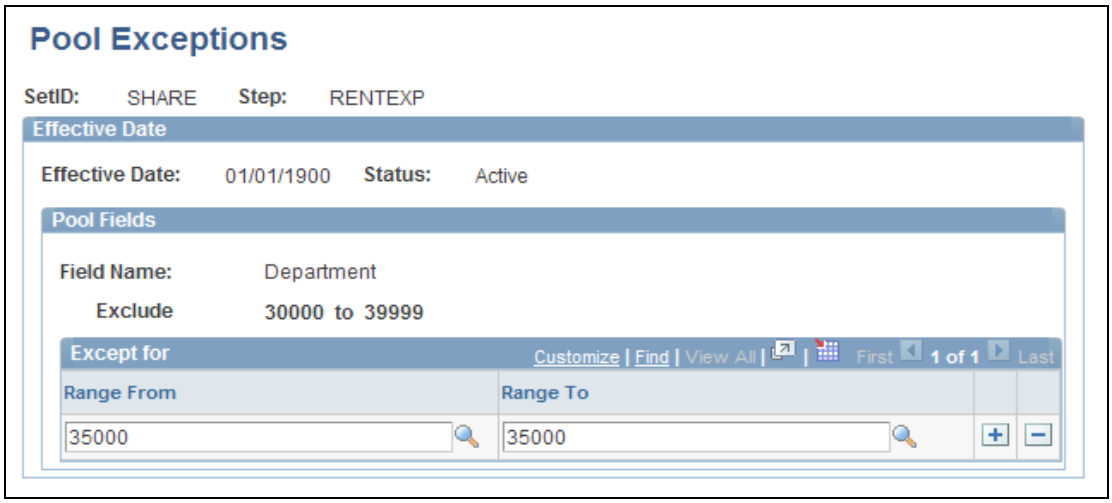


Allocations - Pool page

The link in the Exceptions column launches the Pool Exceptions page (or Basis Exceptions page, if you are defining the basis), where you define the exceptions to the specified ranges from the Pool or Basis pages. Pictured is the exception to the Exclusion 3xxxx range, which is 35000, as described in this example:



Pool Exceptions page

If you click the Exceptions link from the 5xxxx range on the Allocations – Pool page, it shows the exception of department 55000. This feature enables you to refine the selection criteria, reducing the need for multiple rows or steps.

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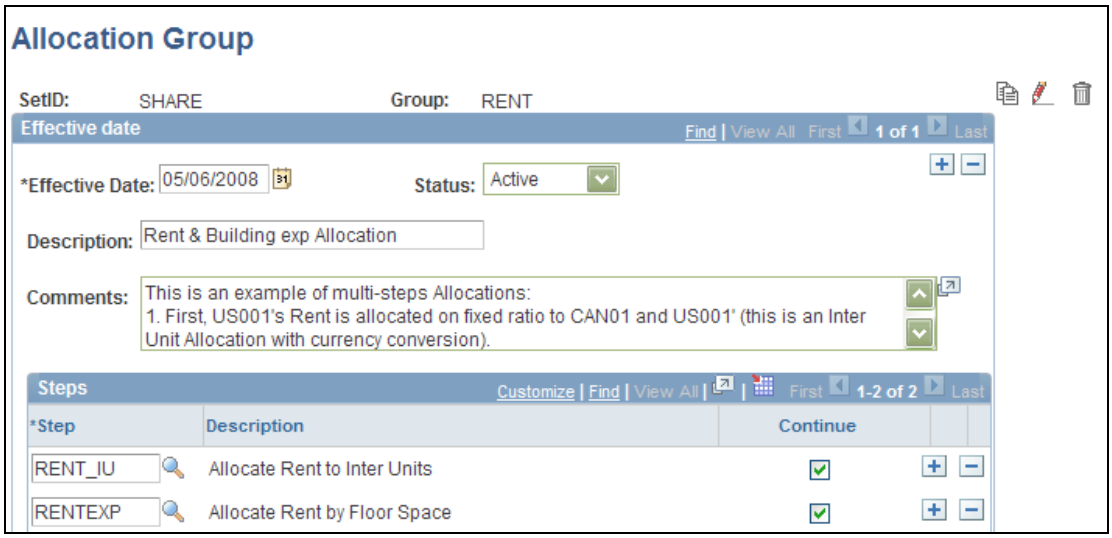
Allocation Group Enhancements

Enhancements to the Allocation Group include effective-dating and effective status (active or inactive). These improvements to the allocation group allow companies to track the historical basis of the financial data that results from allocation processing in the ledger.

Access the Allocation Group page (Allocations, Define and Perform Allocations, Define Allocation Group, Allocation Group):



Allocation Group page

Provide Effective Date and Status for the Allocation Group.

Incremental Consolidations

Customers who have multiple entities, lines of business, or global businesses must consolidate their financial results according to GAAP (generally accepted accounting principles) using entity hierarchies that accurately reflect the business activity to meet external (SEC, IAS and regulatory) and internal reporting requirements. The General Ledger consolidation capability is robust, leveraging PeopleSoft Trees for building hierarchies to manage the consolidation process.

General Ledger 9.1 further enhances the Consolidation functionality by providing incremental processing of entities, thereby reducing processing time during the critical period-end close. Customers can then consolidate each node on the hierarchy and store the results.

New Functionality

Incremental processing of Consolidations recognizes lower level tree nodes that were previously processed when running the current consolidation. Incremental processing of consolidations enables you to consolidate in stages while avoiding reprocessing of portions of the overall organization that have already been successfully consolidated.

Access the Consolidation Request page (General Ledger, Consolidate Financial Data, Consolidation, Request Consolidation, Consolidation Request):

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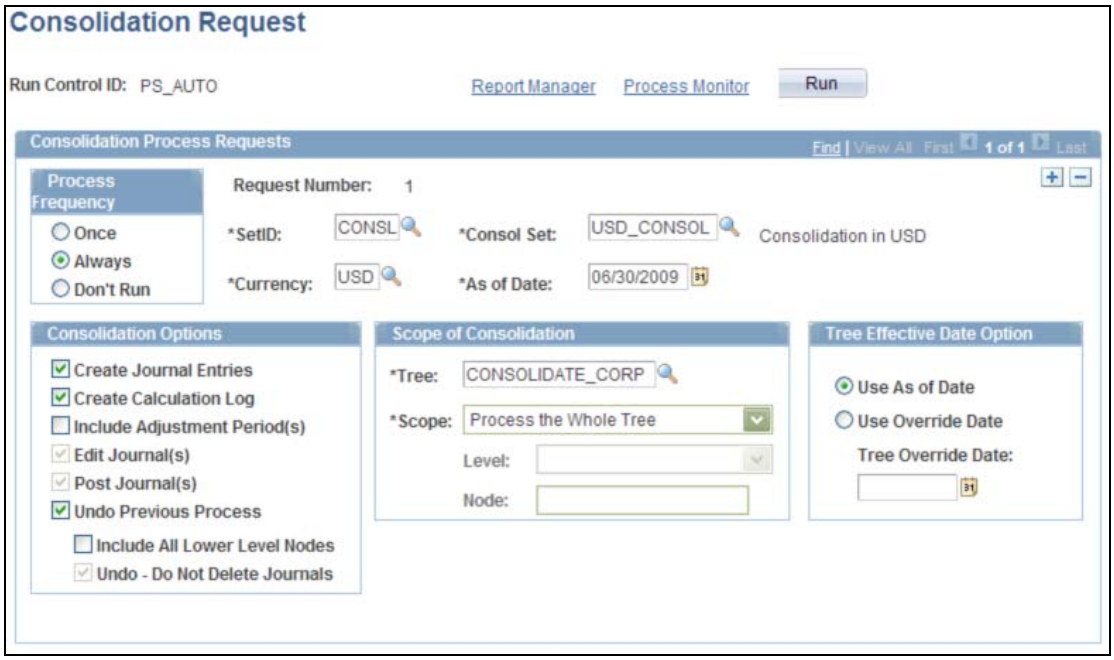

Consolidation Request page

The Consolidation process uses the Consolidation Set, As Of Date, currency, and tree name of the process request to identify the tree nodes that have been processed, thereby enabling processing of only the nodes under a specified higher-level tree node that have not yet been processed.

When reprocessing a consolidation that was previously run (commonly done for late transactions or discovery of errors) and you need to reprocess lower-level nodes, you can select the Undo Previous Process and the Include All Lower Level Nodes check boxes on the Consolidation Request page. When you select the Include All Lower Level Nodes check box, the undo process identifies all previously processed lower-level nodes and reverses the previous process for those nodes. If this option is not selected, the undo process only reverses the entries that were created from a single process by matching Consolidation Set, as of date, currency, tree name, tree level, and tree node as indicated on the current run control.

Consolidation and Equitization Enhancements

PeopleSoft General Ledger 9.1 enhancements for Consolidations and Equitization enable more efficient processing and increased control.

New Functionality

The following enhancements are added to Consolidations and Equitizations:

- Select TimeSpans for the Consolidation Set and Equitization Group to indicate the type of balances to be posted for consolidation and equitization entries.
- Effective-dated subsidiary ownership sets for Consolidation and Equitization.

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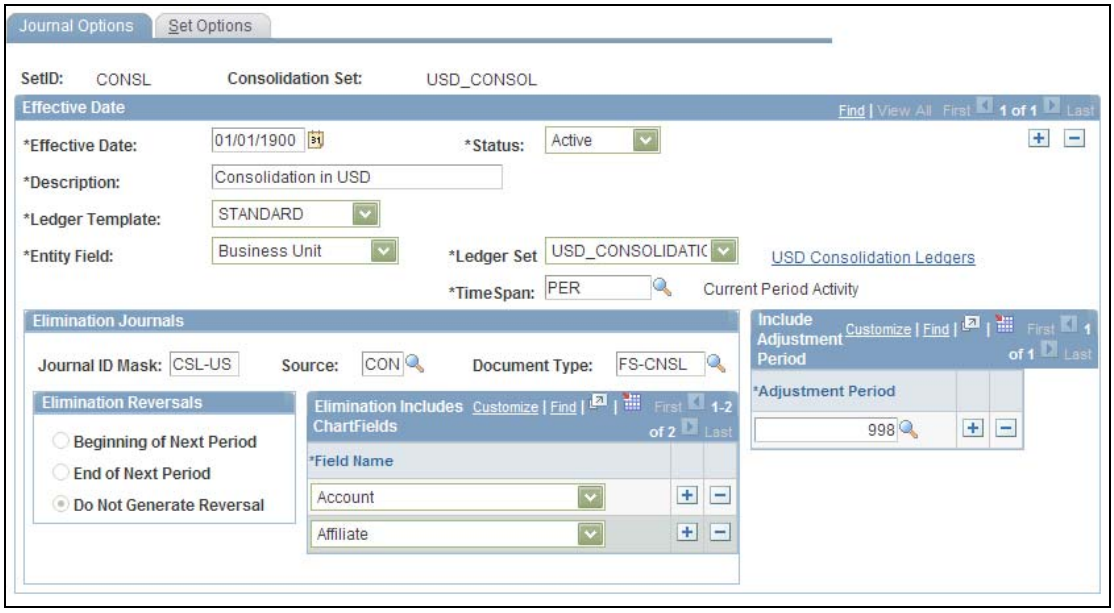
TimeSpans in Consolidation and Equitization Processing

TimeSpans have been added to Consolidation and Equitization processing to indicate the type of balances to be posted for consolidation and equitization entries. The ability to use intermediate TimeSpans (other than year-to-date types) generally provides for more efficient processing of consolidation and equitization.

Access the Consolidation Set - Journal Options page (General Ledger, Consolidate Financial Data, Consolidation, Consolidation Set, Journal Options):



Consolidation Set - Journal Options page

Specify a TimeSpan on the Consolidation Set and the Equitization Group to indicate the type of balances to be posted for consolidation and equitization. If the TimeSpan is a year-to-date type of TimeSpan (for example, BAL), then a valid Journal Reversal Option should be selected; otherwise, there should be no reversal of the consolidation or equitization entries if they are intermediate periods. This is because distinct periods are consolidated that do not include prior periods in the current process. A warning message is issued by the system if the reversal option is selected with a TimeSpan other than a year-to-date type of TimeSpan.

Note: Using quarterly or period TimeSpans for consolidation and equitization processing improves performance. However, when upgrading to 9.1, use the BAL TimeSpan, because the historical consolidation and equitization entries will have been processed using cumulative balances.

Effective-Dated Subsidiary Ownership Sets for Consolidations and Equitization

Consolidation and Equitization support the use of multiple effective-dated subsidiary ownership sets. The effective date of the ownership set, along with the process selection on the Consolidation Set and the Equitization Group, dictate to which period of the fiscal year that ownership sets are to be applied.

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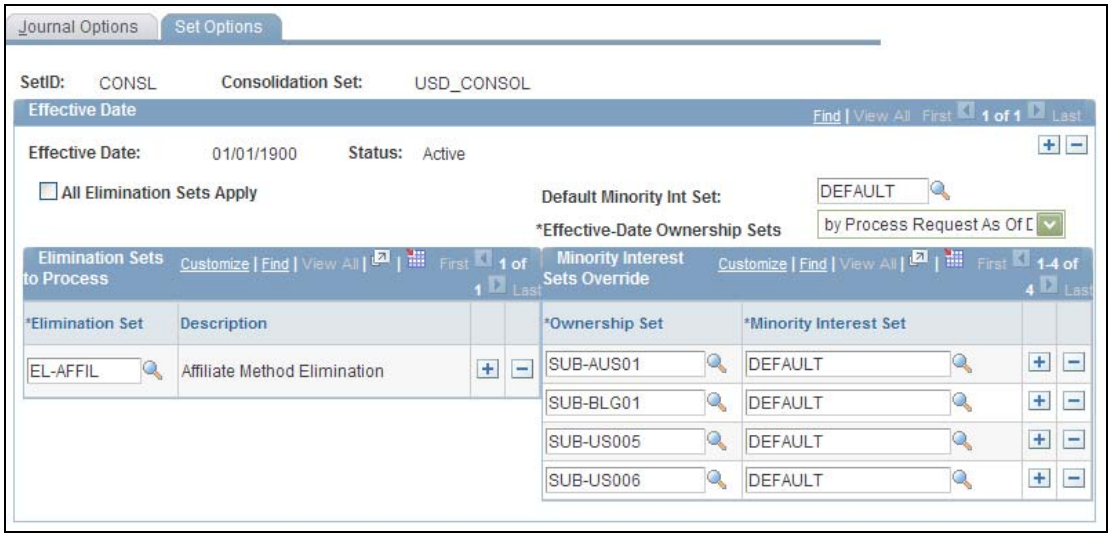
Access the Consolidation Set - Set Options page (General Ledger, Consolidation, Consolidation Set, Set Options):



Consolidation Set - Set Options page

Two options are available for the Effective-Date Ownership Sets field within the Consolidation Set and Equitization Group (Consolidation Set pictured):

- By Period End Date(s) – the (Consolidation or Equitization) process applies the ownership definitions that are effective as of the respective accounting period end dates of the periods that are being processed.
- By Process Request As-Of Date – the (Consolidation or Equitization) process applies the ownership definitions that are effective as of the process request date.

Enhanced General Ledger to Subsystem Reconciliation

Reconciling the ledger to subledgers is a control and audit requirement for all organizations as part of regular financial processing. It is especially critical and time consuming at period-end. Generally, it is a manual process to ensure that ledger balances agree with the appropriate subledger totals. General Ledger 9.1 provides enhancements to the Subsystem Reconciliation function to support a more efficient, online and automated balancing of the ledger to Payables and Receivables control accounts.

New Functionality

General Ledger 9.1 provides the following Subsystem Reconciliation enhancements:

- Online views reduce batch processes to create reports with embedded logic that provides the ability to easily tie the ledger control account balances to the subsystems balances.
- Incremental updates from the feeder systems, reducing the volume of data for more efficient processing.

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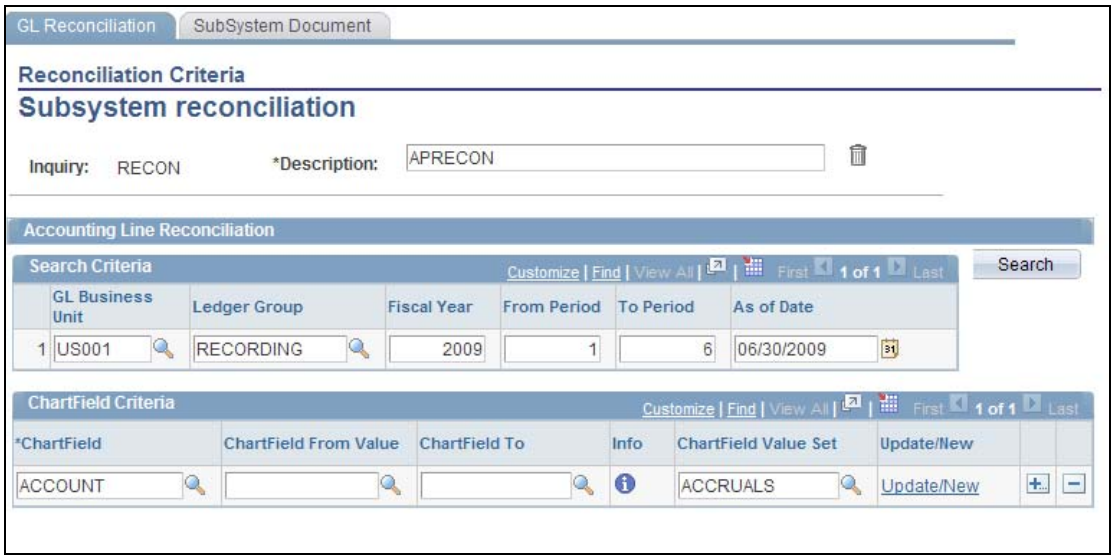
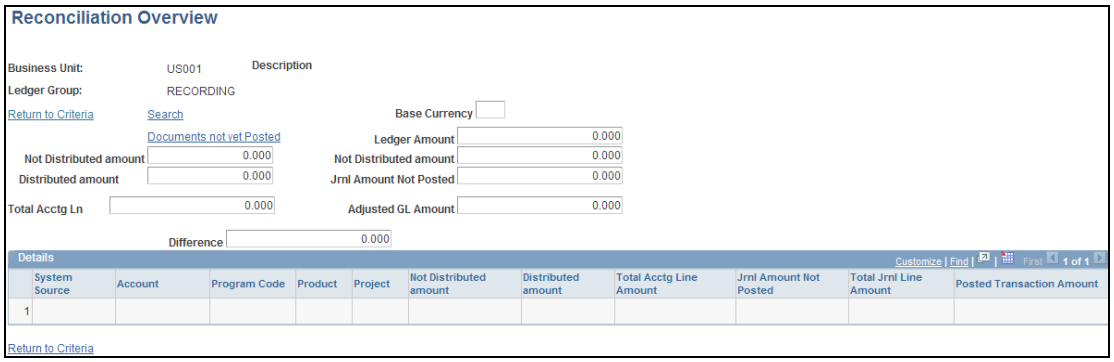
Subsystem Reconciliation includes a reporting and inquiry tool that provides insight into the Payables and Receivables subsystems for documents that have not been fully processed. Subsystem Reconciliation reporting allows you to report on individual documents within a subsystem and review vital status fields that may identify why a document has not been fully processed and posted to the general ledger.

Access the Subsystem Reconciliation page (General Ledger, General Reports, GL Subsystem Reconciliation, GL Reconciliation Inquiry, GL Reconciliation):



GL Reconciliation - Subsystem reconciliation page

Supply the desired reconciliation criteria and click the Search button. This action launches the Reconciliation Overview page:



Reconciliation Overview page

The Reconciliation Overview displays the subsystem accounting line data amount that is not distributed to the general ledger and corresponding data.

Click the Documents not yet Posted link to access the SubSystem Document page:

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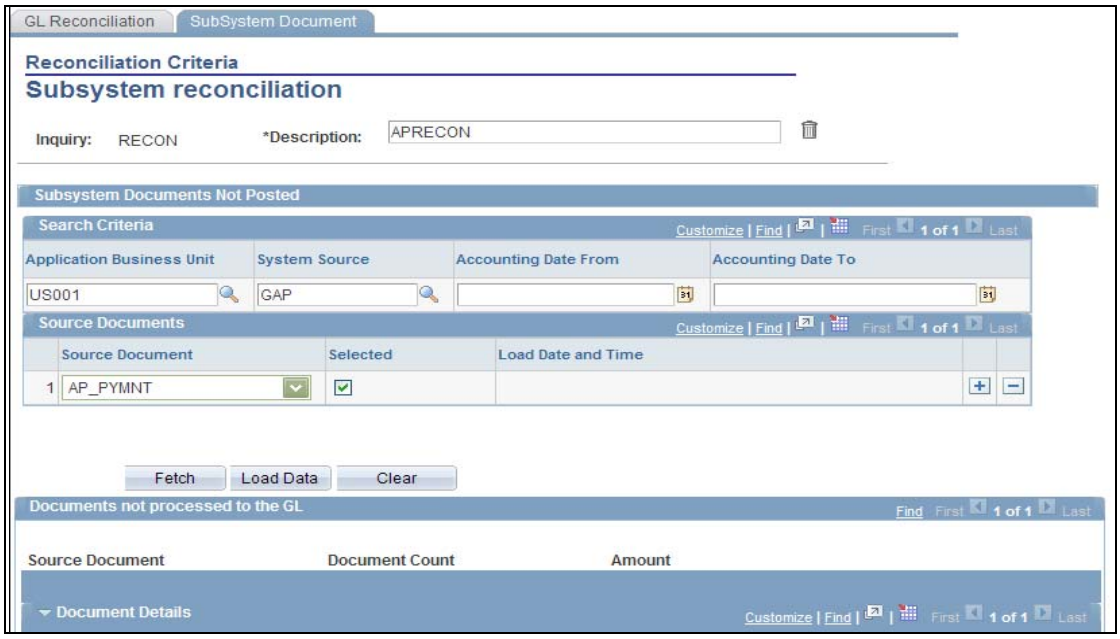

SubSystem Document page

This page displays the source documents that have not yet been processed through General Ledger.

The inquiry is based upon data that is loaded through a process (GL_RECN) that maintains a status table. This table keeps a record of the date and time of last processing by business unit, system source, fiscal year, and accounting period. The load process enables you to load data for selected business units, system sources, fiscal periods and ChartFields. You can also select to increment data from the last process. Allowing this flexibility in the data load process improves performance and reduces redundant output in the reconciliation reports.

Global Compliance and Controls

The following enhancements are provided to improve the global compliance and control capabilities for PeopleSoft General Ledger:

- Approval Framework for Journal Processing
- ChartField Security in General Ledger
- Simplified Project Costing Integration
- SpeedType Enhancements
- Componentized TAS/BETC for FSIO Compliance
- Commitment Control Enhancements (expense analysis and control)

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Approval Framework for Journal Processing

Customers are required to support increasing levels of financial statement certification and external audit assessment due to increased regulatory requirements such as Sarbanes-Oxley and others. These regulatory requirements have led to business process changes that support additional layers of control over an increasing percentage of financial activity. In an environment of increasing controls and reduced resources, customers need workflow approval that is configurable so that multiple rules are easy to implement yet flexible so as to accommodate changing business and regulatory conditions. PeopleSoft Financials 9.1 extends the use of the Approval Framework within the Financials applications of Payables, Receivables, Billing, and General Ledger.

New Functionality

General Ledger 9.1 adopts the Approval Framework (AF) for approval of actuals and standard budget journals. In addition to the existing workflow for journal approval, PeopleSoft Release 9.1 delivers new sample rules to provide a frame of reference and to showcase the power of the tool and its enhanced capabilities. Although most of the setup for configurable AF workflow is delivered as sample data, varying degrees of modification are necessary to meet your organizational needs.

The AF functionality does not affect the current process of submitting and approving journals using the Journal Entry component. You continue to submit journals for approval by using the Journal Entry - Lines page and approvers select the approval action (to either approve or deny) using the Journal Entry - Approval page. You can also submit journals using the Journal Entry - Approval page.

Note: PeopleSoft Enterprise General Ledger does not upgrade approval history data from the existing functionality to the AF approval data. Both the Journal Entry Approval Log table (JRNL_APPR_LOG) and the Journal Approval Worklist Record table (JRNL_APPR_WL) in the prior workflow functionality remain as they are. You must post all approved journals within the existing workflow functionality before upgrading to AF-based workflow approval.

The following flowchart represents the AF approval process:

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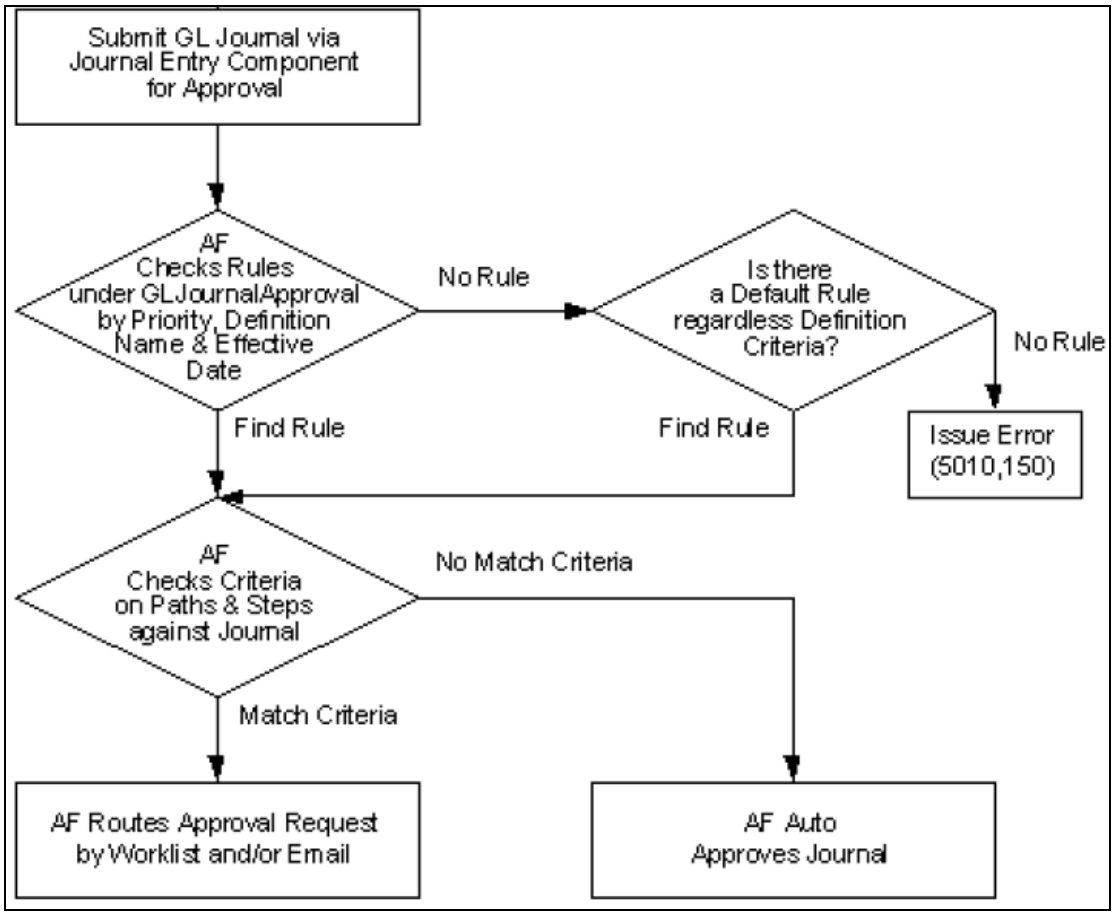

Approval Framework journal approval process flow

When preparing to use AF, verify that the delivered setup meets your requirements or modify accordingly:

- Complete the Approval Transaction Registry and Configuration.
- Modify or create notification template definitions.
- Define user lists for approval framework.
- Set up approval process definitions (rules).
- Enable email approval.
- Define approval options at various levels (business unit, ledgers, source).

To select the journal approval method, access the Installation Options - General Ledger page (Set Up Financials/Supply Chain, Install, Installation Options, General Ledger):

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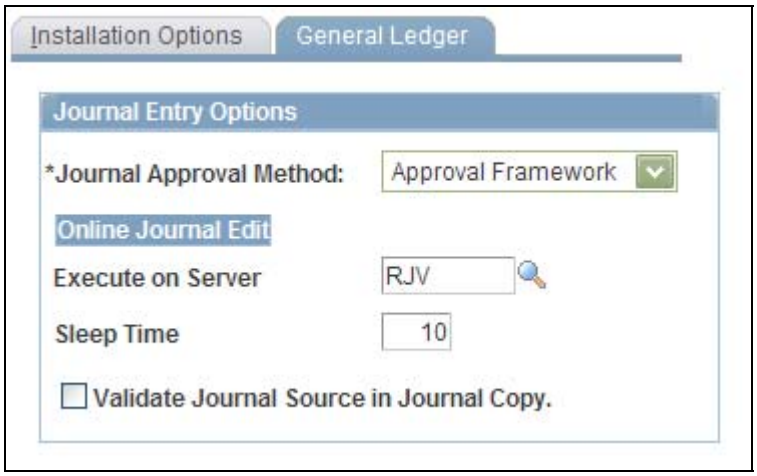
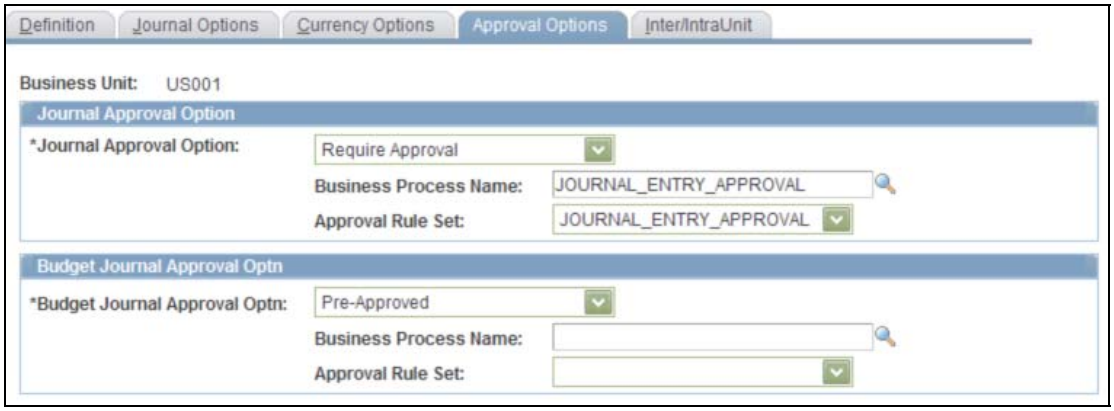


Installation Options - General Ledger page

Select to use either the Virtual Approver method or Approval Framework method for the journal approval process. The selection choices on the Approval Options page depend upon which methodology you select to use within Installation Options.

Access the General Ledger Definition - Approval Options page (Set Up Financials/Supply Chain, Business Unit Related, General Ledger, General Ledger Definition, Approval Options):



General Ledger Definition - Approval Options page

When you use the Virtual Approver method, the Business Process Name and Approval Rule Set fields appear on the Approval Options page. When you use the Approval Framework method, these fields are not visible because the Approval Framework provides its own Business Process and Approval Rule Set to communicate with PeopleTools.

ChartField Security in General Ledger

The PeopleSoft architecture, which provides robust security infrastructure to manage access to specific menus, components, and pages, is complemented by an application security layer that further allows you to manage access to specific control data such as business unit, paycycle, project, asset book and others within the applications.

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New Functionality

ChartField Security provides a flexible framework for configuring and maintaining data-level security. Enable or disable ChartField Security by product. You can also control access by user ID, role or permission list. When enabled, ChartField Security prevents user access to:

- Online transactions with unauthorized ChartField values.
- Accounting data with unauthorized ChartField values in inquiry components.
- Unauthorized ChartField values during data entry.

Control access for specific high-exposure entry functions and most inquiry functions. You can leverage PeopleSoft tree nodes and ranges, permission lists, and roles to configure security rules.

You can enable ChartField Security for the following components within General Ledger:

GL Component	Description	Type
JOURNAL_ENTRY_IE	Journal Entry	Transaction Entry
DEPT_ENTRY	Detail Budget Maintenance	Transaction Entry
JRNL_SUSPENSE_COR	Journal Suspense Correction	Transaction Entry
JOURNAL_FS	Journal Status	Inquiry
JOURNAL_INQUIRY	Journal Inquiry	Inquiry
JOURNAL_OPEN_ITEMS	Open Item Maintenance	Inquiry
JOURNAL_POST_MARK	Mark Journals for Post	Inquiry
JOURNAL_UNPOST_MRK	Mark Journals for Unpost	Inquiry
AV_DRILL_PNL	Review Contributor Relations Entries	Inquiry
PROJ_ENTRY	Detail Project Maintenance	Transaction Entry
EE_GLADJ_DRILL	GL Adjustment Drill Down	Inquiry
EE_GLBUD_DRILL	Budget Journal Entry Event Drill	Inquiry
ELM_JRNL_DRILL	ELM Acctg Entry Drill Down	Inquiry
F2_STAGE_REV	Review FACTS II Data	Inquiry
GL_OPEN_ITEM_INQ	Open Item Inquiry	Inquiry
INQUIRY_CRITERIA	GL Ledger Inquiry	Inquiry
INQ_COMPARE	Compare Across Ledgers Inquiry	Inquiry
INQ_LED_CMP_PNL	GL Ledger Compare Inquiry	Inquiry
JGEN_ACCTG_DRILL	Generic Accounting Drill	Inquiry
KK_XCP_GEN	Generic Transaction Exceptions	Inquiry
KK_XCP_GL1	GL Journal Exceptions	Inquiry
KK_XCP_GL2	Budget Journal Exceptions	Inquiry

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KK_XCP_HR1	HR Payroll Exceptions	Inquiry
MARK_JRNLS_OVERIDE	Budget Exceptions Override	Inquiry
MULTIBOOK_JOURNALS	Multibook Journal Inquiry	Inquiry
PY_DRILL_PNL	Payroll Accounting Entry Drill	Inquiry
SF_DRILL_PNL	Student Financials Accounting Entry Drill	Inquiry

ChartField Security restricts users to authorized ChartField values from the prompt list. This applies to transaction entry components and components used to maintain transaction data. This does not apply to the inquiry components.

ChartField Security is designed so that transactions with one or more lines containing secured ChartField values are not accessible.

For example, ChartField Security is enforced when data is selected from the Journal Entry component search list. The entire component search list is viewable (based on the search criteria) because ChartField Security does not filter the component search list. Although, if a transaction containing one or more lines of secured ChartFields is selected from that list, access to the transaction is not allowed and an error message appears, indicating that access in denied due to ChartField Security.

Simplified Project Costing Integration

Project management is a necessity for most organizations. Companies face increasing synchronization and reconciliation issues because of the movement of data through multiple interfaces. Organizations require simplified integrations that provide appropriate controls and ensure accuracy. PeopleSoft's improved integration between Project Costing and General Ledger is simplified for greater efficiency and productivity.

New Functionality

The following improvements increase efficiency between PeopleSoft General Ledger and Project Costing:

- General Ledger to Project Costing Line Level Integration
- SpeedTypes for Project Costing ChartFields

General Ledger to Project Costing Line Level Integration

The Project Costing Distribution Status is available at the journal line level (join PROJ_RESTYPE_FS record to JRNL_LN). The General Ledger to Project Costing integration process (PC_GL_TO_PC) allows for selective processing of journal lines within a journal entry. In prior releases, the PC Distribution flag was maintained at the journal header level. As such, the entire journal entry was either distributed or not distributed. This integration enhancement simplifies the journal entry function by reducing the number of journals to be processed.

Access the Journal Entry - Lines page (General Ledger, Journals, Journal Entry, Create/Update Journal Entries):

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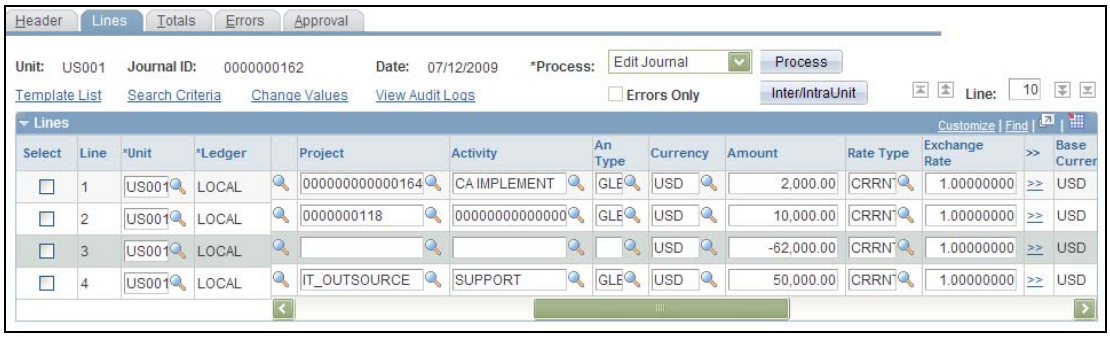
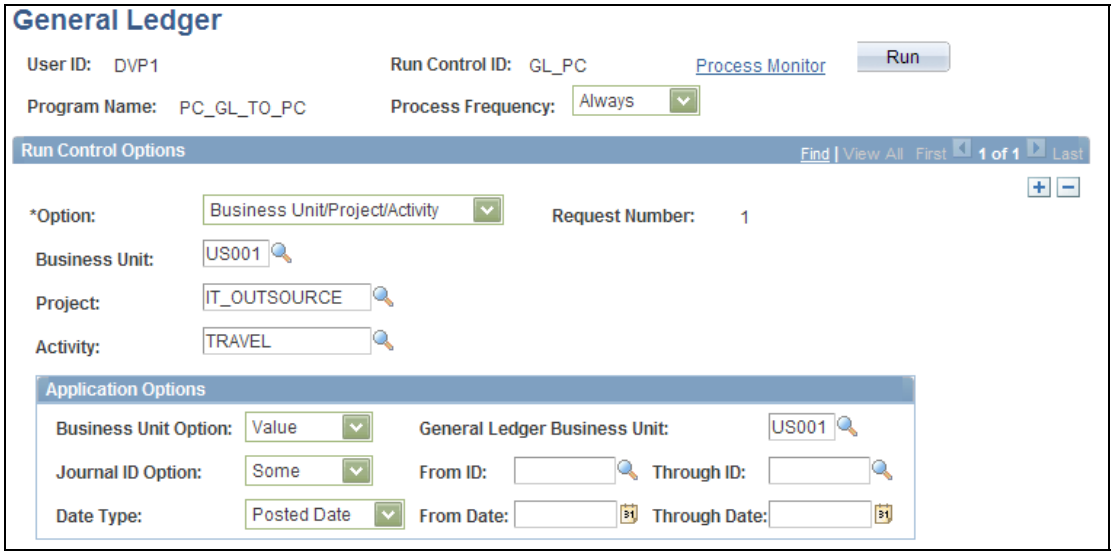


Journal Entry - Lines page

The journal presented includes several journal lines with various project IDs. Once the journal is posted, you can run the PC_GL_TO_PC integration process for select project IDs or even select activities within projects.

Access the Cost Collection - General Ledger page (Project Costing, Cost Collection, General Ledger):



Cost Collection - General Ledger page

Select from the following options: All, Business Unit, Business Unit/Project, or Business Unit/Project/Activity. Select to run a specific business unit or all units and a range of journals or all journals with the specified options. Selected journal lines within the same journal entry can be processed on different days.

SpeedTypes for Project Costing ChartFields

The Project Costing ChartFields are added for selection on the SpeedTypes page for ease of entering journal entries with Project Costing information.

SpeedType page (Set Up Financials/Supply Chain, Common Definitions, Design ChartFields, Define Values, SpeedTypes, SpeedTypes):

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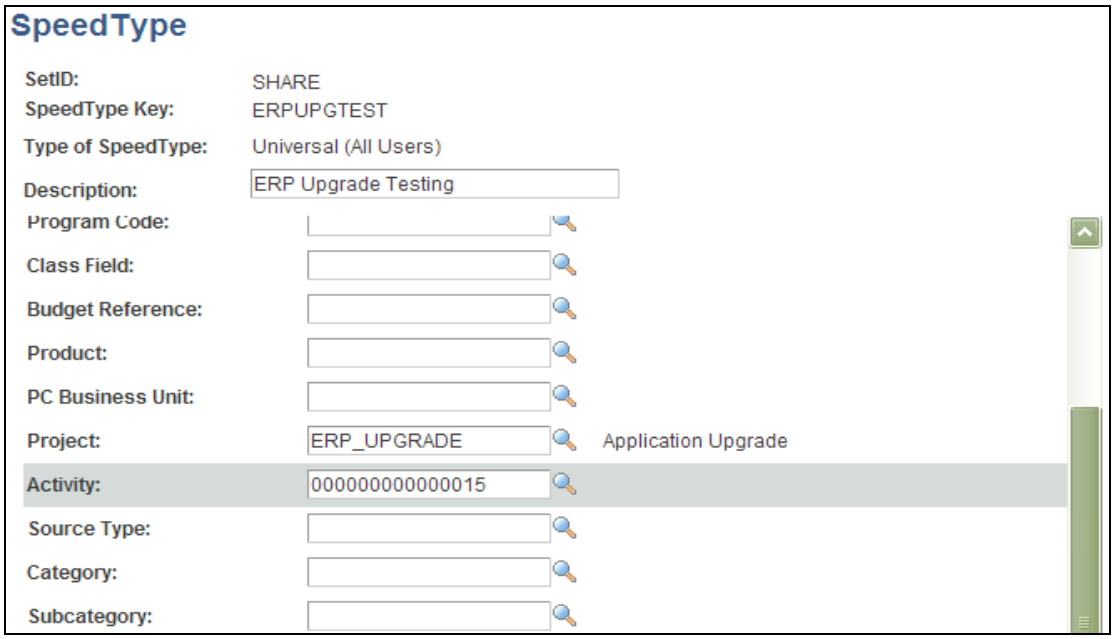

SpeedType page

SpeedType Enhancements

In today's business environment, with less time and fewer resources, efficiency is imperative for success. SpeedTypes provide effective shortcuts for journal entry. SpeedTypes allow setup of common ChartField combinations for reuse when entering regular and budget journals.

New Functionality

In addition to the aforementioned inclusion of Project Costing ChartFields to SpeedTypes, General Ledger 9.1 provides the following SpeedType functionality improvements:

- Mass deletion of SpeedTypes.
- SpeedType keys for budget journal lines.

Mass Deletion of SpeedTypes

Business needs such as account inactivation or outdated ChartField combinations require that multiple SpeedTypes be deleted in one operation for efficiency and improved performance. PeopleSoft General Ledger 9.1 provides the SpeedType Delete page to search for and delete multiple SpeedTypes in one action.

Access the SpeedType Delete page (Set Up Financials/Supply Chain, Common Definitions, Design ChartFields, Define Values, Mass Delete SpeedTypes, SpeedType Delete):

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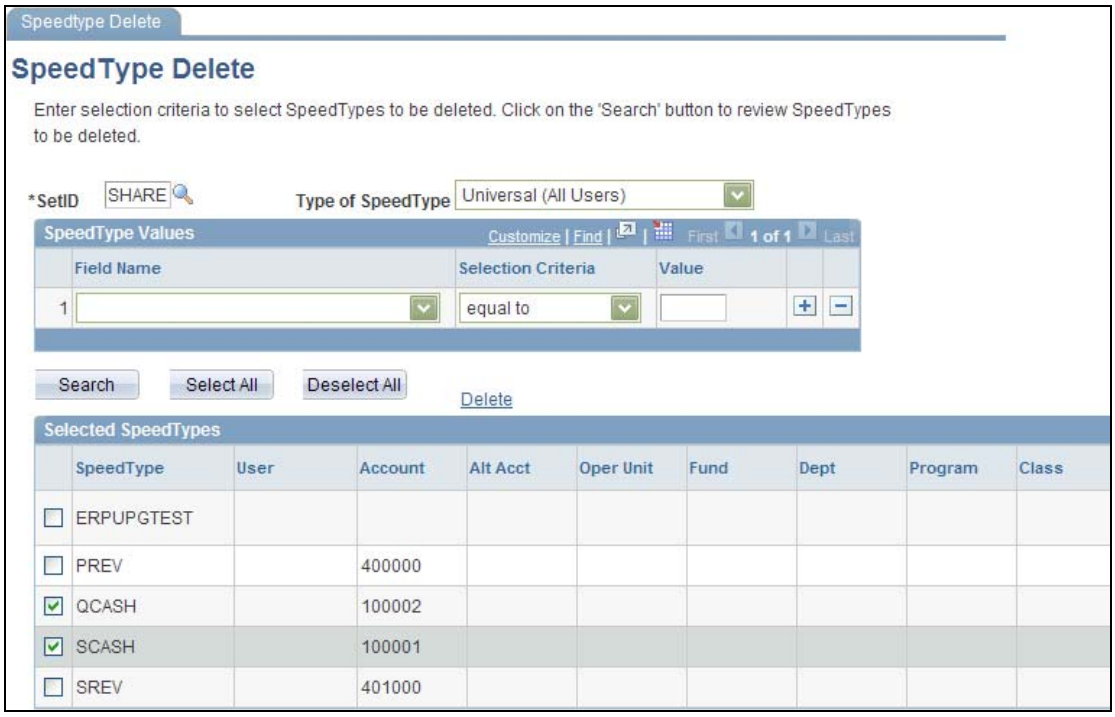

SpeedType Delete page

Search for SpeedTypes based on type (Universal (All Users), One User or One Permission), and by field name. Select those SpeedTypes that you would like to delete and click the Delete link.

SpeedType Keys for Budget Journals Lines

SpeedType entry should be consistent between the regular and budget journal. By standardizing this functionality, the application has a consistent look and feel and the time and cost of user training is reduced.

The Budget Journal Entry page is changed to include consistent SpeedType entry as the Journal Entry – Lines page whereby you can enter the SpeedType value directly in addition to selecting from a prompt list, rather than clicking a hyperlink. This will increase productivity by reducing the required effort in keystrokes and page refreshes in order to select the SpeedType.

Access the Budget Journal Entry – Budget Lines page (Commitment Control, Budget Journals, Enter Budget Journals, Budget Lines):

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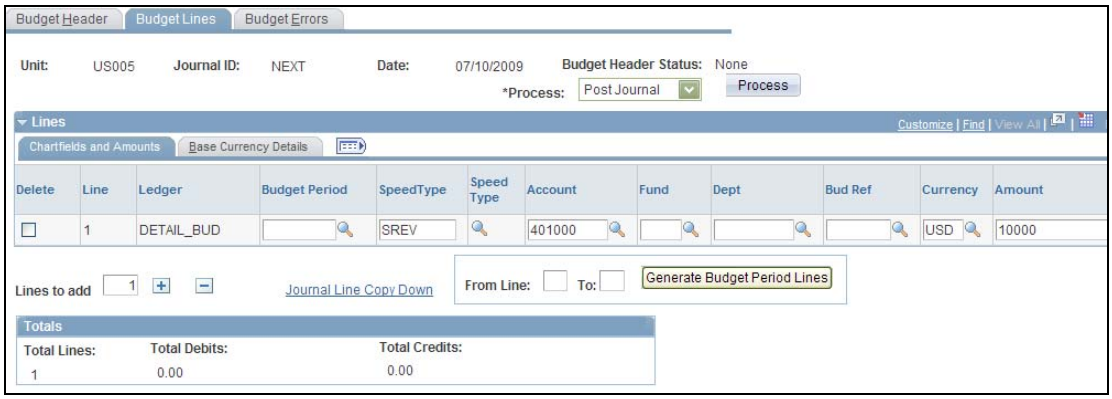

Budget Lines page

Enter a SpeedType directly or select from the SpeedType prompt. An edit is performed on the SpeedType to ensure that it is a valid SpeedType.

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TAS/BETC for Financial Systems Integration Office (FSIO) Compliance

Federal agencies are required to begin using new formats for the Treasury Account Symbol (TAS) when reporting cash transactions through the FMS 224 Reports and Intra-governmental Payment and Collection system (IPAC) transactions. Component TAS elements will provide federal agencies and Treasury the ability to sort, filter and analyze data based on each independent piece of the component TAS. The Treasury has adopted a phased approach to the transition from 20-character to 28-character componentized TAS and Business Event Type Codes (BETC).

New Functionality

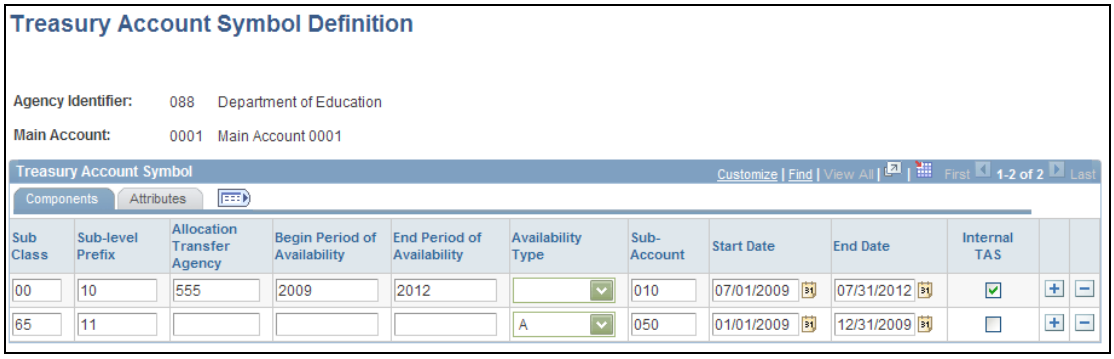
PeopleSoft GL provides a configurable solution to accommodate the valid combinations of TAS and BETC for FMS 224 reports and when you enter and report IPAC transactions to the Department of Treasury. This configuration also anticipates the handling of valid TAS and BETC combinations to be downloaded in the future from the Treasury SAM website when the U.S. Treasury is ready to make the information available.

To define componentized TAS and BETC elements for FMS 224 reporting and IPAC transactions, PeopleSoft Release 9.1 provides components for the following tasks:

- Define agency identifiers.
- Define main accounts.
- Define Treasury Account Symbols (TAS).
- Associate attributes with the Treasury Account Symbol (TAS).

Once you define the agency identifiers and main accounts in their respective components, define the TAS and associate BETC and Fund Codes.

Access the Treasury Account Symbol Definition – Components page (General Ledger, Federal Reports, TAS/BETC, Define TAS, Treasury Account Symbol Definition, Components):



Treasury Account Symbol Definition - Components page

To add a new componentized Treasury Account Symbol or find an existing value, select an Agency Identifier and a Main Account that serve as key fields to identify the TAS. Define the components of the TAS, such as Sub Class, Sub-level Prefix, Allocation Agency, and so on.

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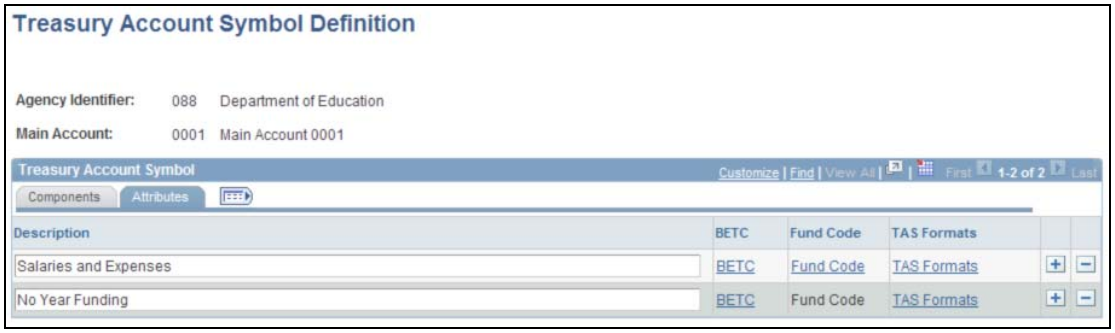
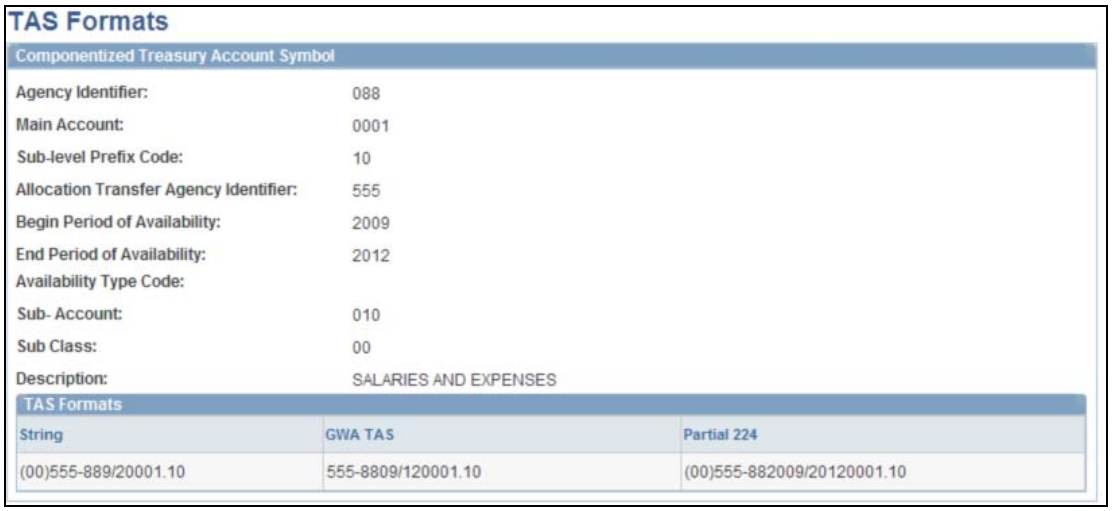
Associate the BETC codes and Fund Codes on the Attributes page. Access the Treasury Account Symbol Definition – Attributes page (General Ledger, Federal Reports, TAS/BETC, Define TAS, Treasury Account Symbol Definition, Attributes):



Treasury Account Symbol Definition - Attributes page

When you click the BETC and Fund Code links, you are directed to the BETC and Fund Code pages where you define and associate those attributes with the TAS. Click the TAS Formats link to access the TAS Formats page:



TAS Formats page

This page displays the various TAS formats that are required to accommodate the U.S. Treasury's phased approach to the transition from a 20-character to a 28-character componentized TAS:

- String: Displays the 20-character TAS format required for the FMS 224 report.
- GWA TAS: Displays the 26-character component-based GWA TAS representing the agency appropriation in GWA.
- Partial 224: Displays the expanded 27-character concatenated string format that is required for Partial 224 reporting.

Note: Only the String format will be used for FMS 224 reporting.

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Commitment Control Enhancements (Expense Analysis and Control)

Organizations must optimize resources across their enterprises to effectively and efficiently manage their bottom line. Real-time expense analysis and control is becoming vital to every organization's financial health. PeopleSoft's best-of-breed solution, Commitment Control, continues to offer opportunities for additional savings and enhanced management of funds. Public entities are continually challenged by inefficiencies in managing capital programs through various systems and methodologies. Organizations can improve their decision-making capabilities through enhanced control, management, and visibility into the spending of funds in Financials and HR.

PeopleSoft Commitment Control 9.1 enhancements include:

- Efficient Budget Maintenance.
- Check only capability (budget pre-check).
- Real-time budget checking for HCM.
- Auto-override for system sources.
- Budget line status for budget bypass.
- Enhanced status for PO closing entries.

Efficient Budget Maintenance

For some organizations, the budgeting process is an ongoing maintenance challenge that uses valuable analytical resources and time. Organizations need to reduce these time and resource costs, and target the strategic budget planning that is required to successfully execute their business mission.

PeopleSoft Enterprise General Ledger 9.1 enhances the budget maintenance function by reducing the time needed to create budget rules and definitions.

New Functionality

The following functionality is added to Commitment Control 9.1 to enhance budget maintenance efficiency:

- Account ranges for defining account exclusions within budget definitions.
- Ability to copy the entire Budget Definition setup, including the creation of Commitment Control Ledgers, Ledger Groups, and Budget Definitions.
- Selection of optional Value Required field in budget definition to reduce budget setup.
- Budget definition online edits.
- Page to unlock the Commitment Control source header.

Account Ranges for Account Exclusions within Budget Definitions

The Excluded Account Types page allows you to specify:

- Range of account value exceptions to the account type exclusions.

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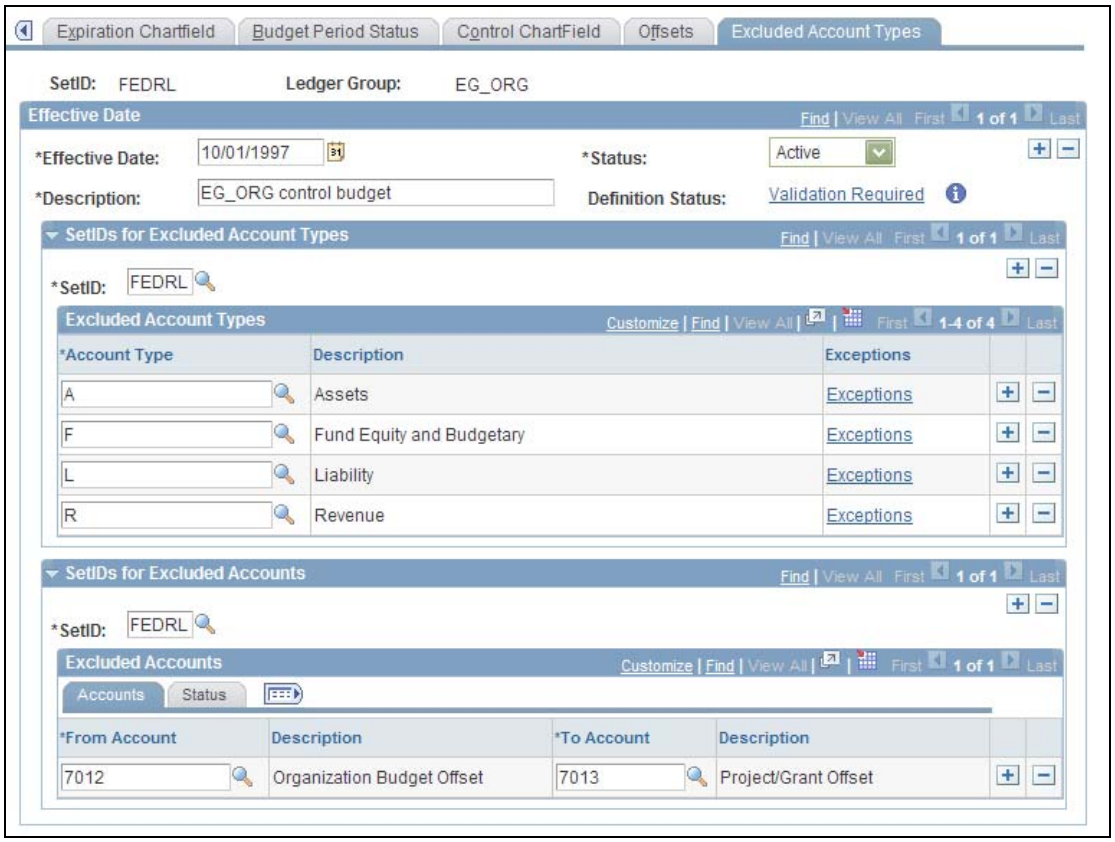
- Range of account values to be excluded from budget checking.

The Budget Processor marks the source data for exclusion before translations. This enhancement simplifies the setup and provides more flexibility to specify ranges for excluded accounts and account type exclusion.

Access the Budget Definition – Excluded Account Types page (Commitment Control, Define Control Budgets, Budget Definitions, Excluded Account Types):



Budget Definitions - Excluded Account Types page

Enter a SetID in the SetIDs for Excluded Accounts group box and define the ranges of accounts that you want to exclude from budget checking that would otherwise be included.

Click the Exceptions link in the Excluded Account Types group box to access the Exclude Account Type Exceptions page:

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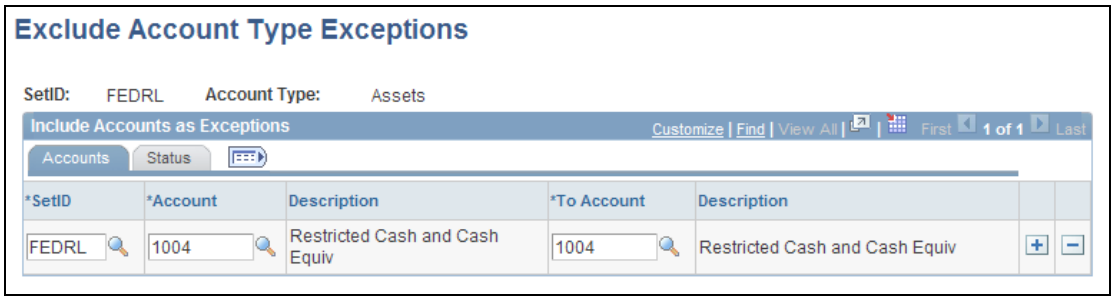


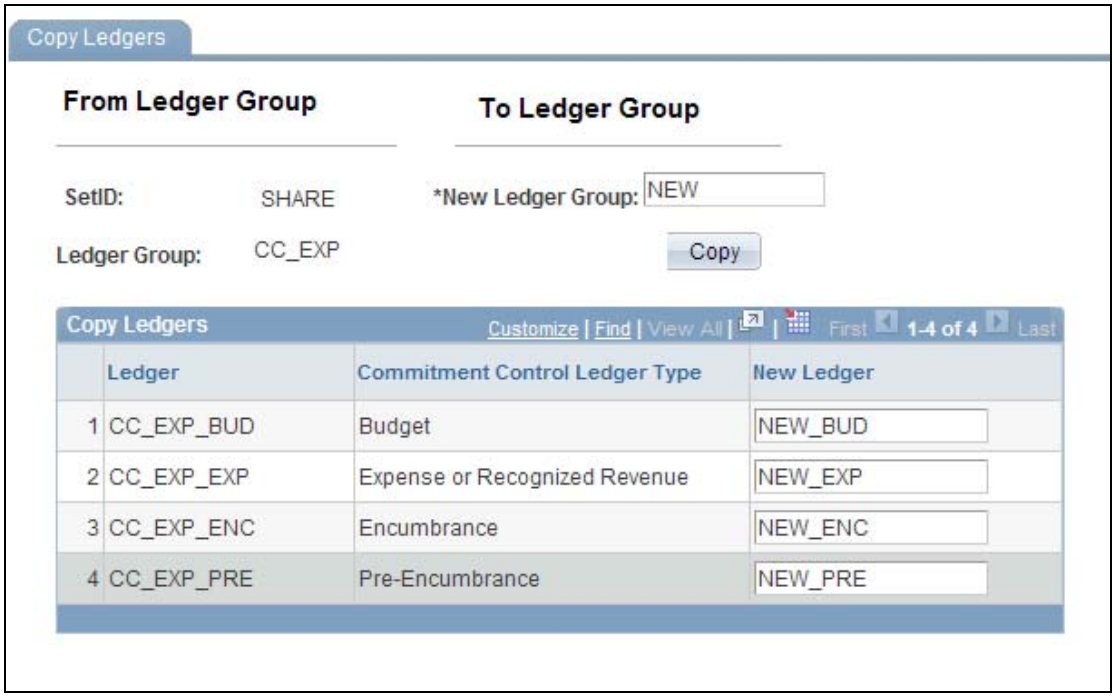
Exclude Account Type Exceptions page

Add ranges of accounts for the excluded account type that you want to be included for budget checking (exceptions to the exclusions) on the Exclude Account Type Exceptions page.

Copy the Budget Definition Setup

To facilitate the upgrade process, copy the entire Budget Definition setup, including the creation of Commitment Control Ledgers, Ledger Groups, and Budget Definitions. The combined effect will reduce the time spent on entry, maintenance, and error correction tasks.

Access the Budget Definition – Copy Ledgers page (Commitment Control, Define Control Budgets, Copy Budget Definitions, Copy Ledgers):



Copy Ledgers page

Enter the new ledger group name and ledger names to which you want to copy the budget definitions.

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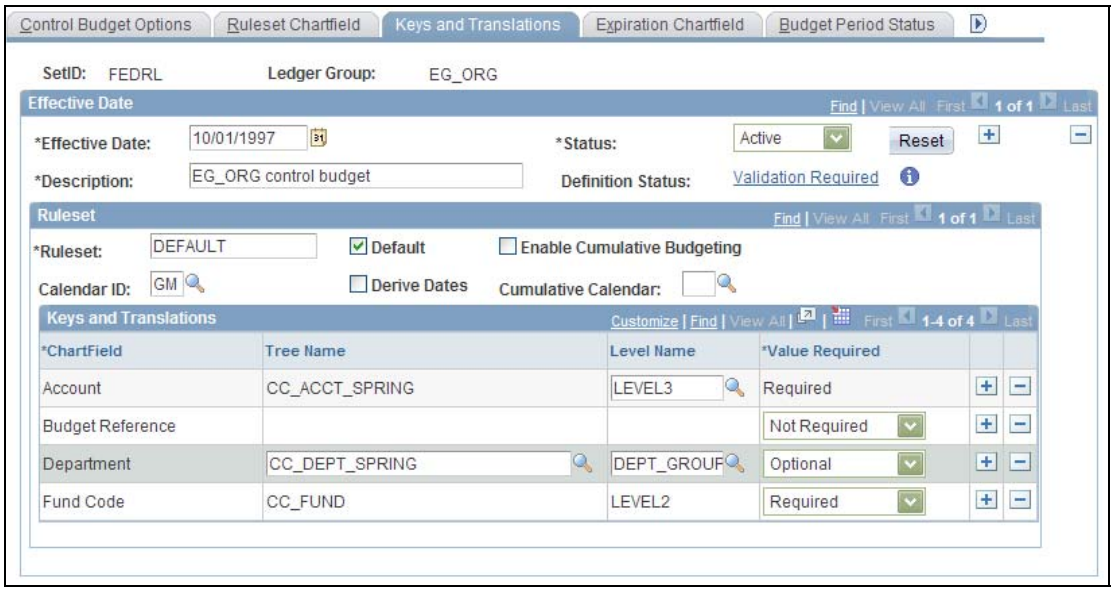
Selection of Optional Value Required Field in Budget Definition

The Budget Processor uses the Value Required option to determine how to handle transactions with blank values. A new Optional option allows you to set up and budget check against budgets with blank key values. This feature helps to reduce the budget setup in the area of rule sets.

Access the Budget Definition – Keys and Translations page (Commitment Control, Define Control Budgets, Budget Definitions, Keys and Translations):



Budget Definition - Keys and Translations page

The Value Required selection in the budget definition can be designated as Optional, Required or Not Required. When designating the Value Required field as optional, a blank key ChartField is treated as if a value were present.

Budget Definition Online Edits

A new Hyperlink is available in the budget definition page that will execute some of the On-line Edits to validate the Budget Definition. This allows the user to maintain Ruleset and Control Chartfield ranges without having to incur the cost of the validation every time the budget definition is saved. The can control when to validate the budget definition.

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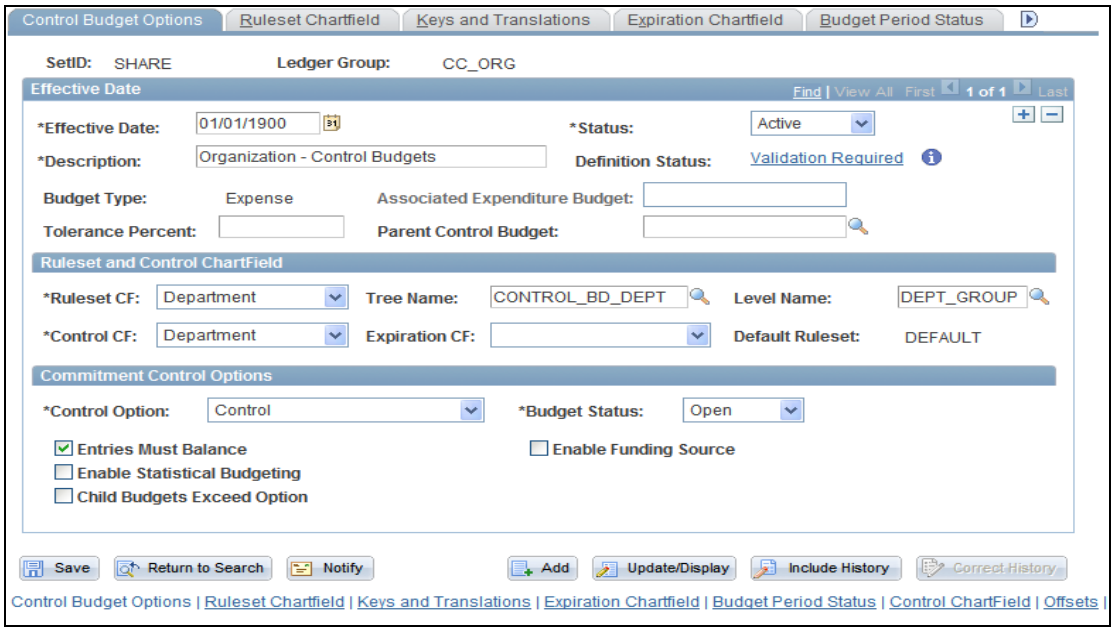
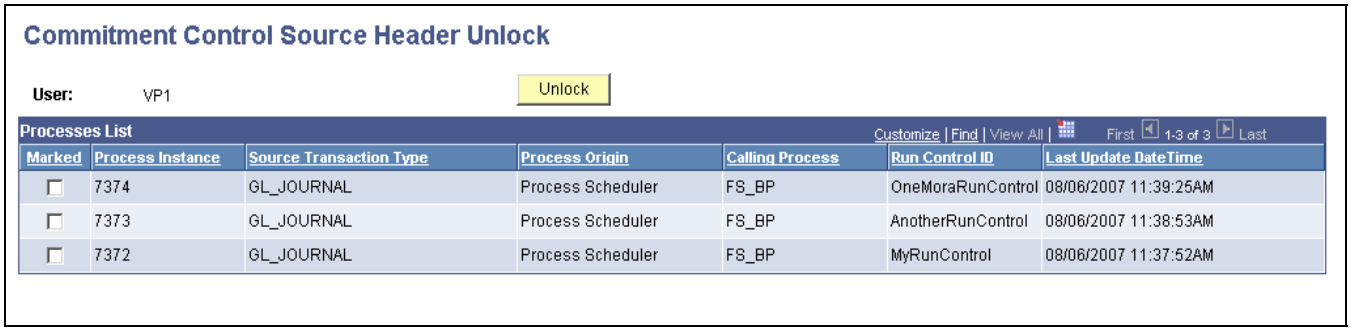


Control Budget Options page

Page to Unlock the KK Source Header

The following page allows users to unlock the KK Source Header for a failed request. The page will unlock the KK Source Header and will cleanup the temporary tables and state records that were used by Budget Processor.



Commitment Control Source Header Unlock page

Check Only Capability (Budget Pre-Check)

PeopleSoft Enterprise General Ledger 9.1 provides enhanced management of spend by allowing customers to check a transaction against budgets using what-if scenarios that do not actually commit the funds against any budget. This capability also provides pre-validation of the transaction data against budget definitions.

New Functionality

You can select to process journals using a budget check-only option. The budget processor performs the usual budget checking and edits when a budget or transaction is posted, but it does so without committing changes to the Ledger_KK record, and other such records.

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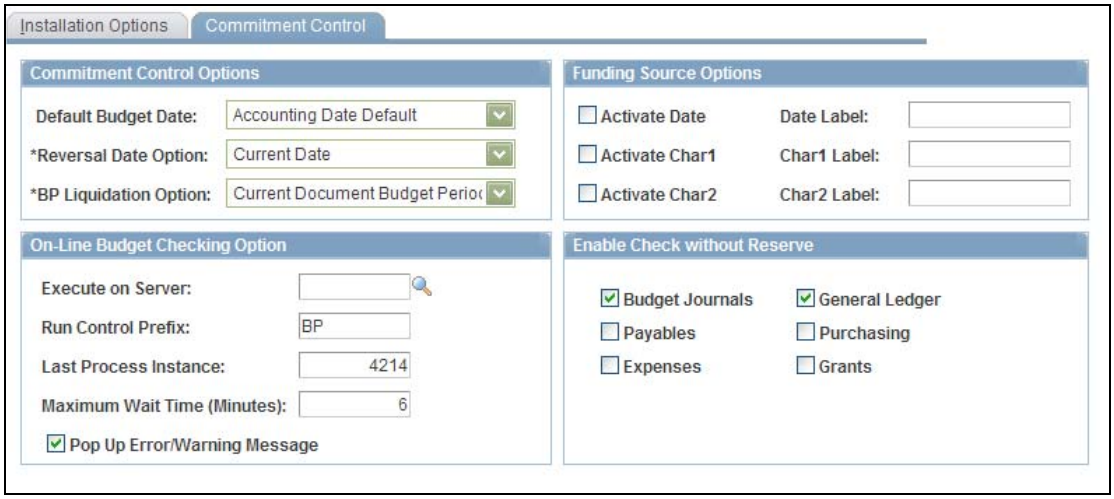
A check-only of budget entries is especially useful in the work-in-progress stage of your budget development or implementing budget changes. Actuals transactions can also be processed using the check-only option.

Note: Budget status for a budget entry or transaction might be valid only for a short time if others have concurrent access to affect the budget and to process transactions. For example, if two individuals do a budget check-only on a transaction for 1,000 USD and there is a budget of 1,000 USD, both transactions will pass because there is no commitment or posting in the check-only process that reverses the budget for either amount. Because of the transient nature of the check only feature, it is best used online, even though it is available as a batch process as well.

To enable the Check Only feature, access the Commitment Control Page (Set Up Financials/Supply Chain, Install, Installation Options, Commitment Control):

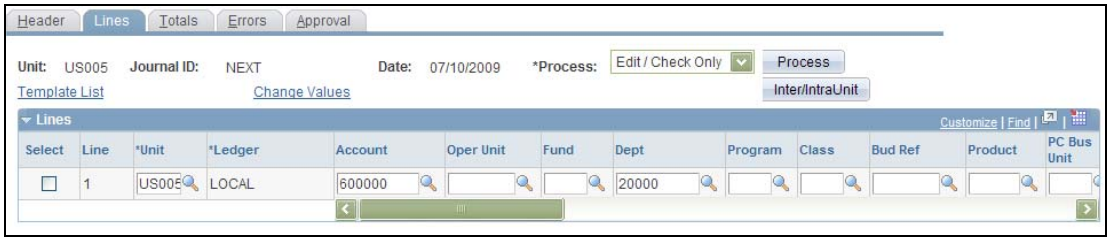


Installation Options – Commitment Control page

Select the products for which to enable the Check Only feature within the Enable Check without Reserve group box of the Installation Options – Commitment Control page. This option is available to budget journals, GL journals, Payables, Expenses, Purchasing and Grants transactions.

Budget Check Only can be run from the Process button on the Journal Entry - Lines page or Budget Journal lines page in PeopleSoft Enterprise General Ledger and Commitment Control, respectively.

Access the Journal Entry – Lines page (General Ledger, Journals, Journal Entry, Create/Update Journal Entries):



Journal Entry – Lines page with Edit / Check Only process option

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If the Enable Check without Reserve option was selected for General Ledger within the Installation Options - Commitment Control page, the Edit / Check Only process option appears in the Process drop-down list. When you select Edit / Check Only, the journal will be edited and run through the Budget Processor. However, the Budget Processor checks only the journal and the funds will not be reserved.

Check only is also run from various pages in the other PeopleSoft products previously mentioned. See the discussion of Commitment Control and the check-only feature in the PeopleBooks for these products for more details.

Check Only can be run online using:

- Budget Journal Entry page using the Check Only option.
- Regular Journal Entry page using the Check Only option.
- Commitment Control Process using Budget Journal Check Only.
- Commitment Control Process using Document Check Only.

Check Only can also be run in batch using:

- Budget Journal Post Control Budget run control.
- Budget Check Journals run control.
- Commitment Control process – Cumulative Checking.

A successful check-only budget entry has a Budget Header Status of P to indicate a Provisionally Valid budget check-only. The value P is equivalent to N (not checked). Subsequently, after full processing, a successful budget check is indicated by the Budget Header status V (valid), which indicates a successful budget check and posting to the Ledger_KK record.

Real Time Budget Checking for Human Capital Management (HCM)

Public services organizations are constantly challenged with operating within pre-established budgetary funding levels from public agencies. Public institutions, such as higher education organizations, must recognize the estimated cost of new positions, the salary offering to new employees, and changes in salaries for employees on an ongoing basis, in real time.

New Functionality

General Ledger 9.1 provides real-time budget checking of position data from PeopleSoft HCM as follows:

- Requisitions for positions are validated against budgetary rules in Financials and recorded as pre-encumbrances.
- Position offers are booked as encumbrances.
- Position data changes, such as bonuses and salary changes, are validated and booked against the budget as appropriate.

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The major purpose of real-time funds checking is to prevent overdrafts on accounts from occurring by accurately editing transactions before they are entered into the General Ledger. A secondary purpose is to allow departments to immediately see the effects that sourcing (funding) changes will make to the balances of grants and other accounts into the future (effective-dated). The primary outcome is to reduce effort in correcting overdrafts after the errors have been entered into the General Ledger and also to facilitate in properly spending down grant and other accounts.

To implement real-time budget checking for HCM:

- Activate the services that are listed for the GL_BUDGETCHECK queue (PeopleTools, Integration Broker, Integration Setup, Queues).
- For non-PeopleSoft applications, complete the Service Configuration page (Integration Broker, Configuration, Service Configuration).
- Make sure that the application server is active (Integration Broker, Configuration, Quick Configuration).
- Add the HR node to the single sign-on for FMS (PeopleTools, Security, Security Objects, Single Signon).

The request services (for the GL_BUDGECHECK queue) invoke the budget processor and response services (same queue) send validation or error messages to HCM, which you can view (and correct or override) on the HR Enc Exceptions page or the HR Exp Exceptions page.

See PeopleSoft Enterprise Human Capital Management 9.1 PeopleBook, Manage Commitment Accounting.

Auto Override for Source Transactions

In actively managing the bottom line through Commitment Control, customers provide specific users access to override budgetary error conditions. For specific source transactions, such as Payroll, the transactions must be processed, and the continuous need to override error results can be time-consuming.

New Functionality

Commitment Control 9.1 provides an optional Auto Override setting at the source transaction level. If the Auto Override setting is enabled for a particular source transaction type, then the budget processor will process the transaction with a warning.

To enable the Auto Override feature, access the Source Transactions – Options page (Commitment Control, Define Control Budgets, Source Transactions, Options):

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Source Transactions – Options page

Select the Auto Override option for the Override Budg Checking Option field on the Source Transactions – Options page.

Budget Line Status

Additional visibility is needed to understand whether specific transaction lines affect budgets.

New Functionality

Commitment Control 9.1 provides an additional budget line status (new translate value to the budget line status field) to indicate that the transaction line is not subject to budget checking. The Budget Processor will set the budget line status to B for transaction lines that are not subject to budget checking* for any of the Commitment Control ledger groups that are assigned to the GL business unit.

This budget line status means that the transaction line is valid but did not affect any budget.

* Transaction lines do not exist in the KK Source Line record.

Enhanced Tracking for PO Closing Entries

Organizations have requested a detailed debit and credit entry for the closing of purchase orders. Commitment Control 9.1 provides the ability to create a credit to the encumbrance ledger for the balance of a purchase order. This functionality provides for complete relief of an encumbrance balance.

New Functionality

The commitment control processor is modified to create closing entries that are separate from the budget check entries. The closing entries are written to the activity log record and the budget check entries are retained.

The purchase order (PO) is budget checked and then closed through the Close Purchase Order process or the Reconciliation Workbench. Regardless of which option is used to close the purchase order, the KK_CLOSE_FLAG is set to Y and the BUDGET_LINE_STATUS = N.

The activity log shows a separate entry for the closing entry. The entry will have the CLOSED_VALUE of Y and will have an amount that reflects the impact of the closing entry alone.

An Unclose to the same accounting period deletes the old closing entries and applies the current values.

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An Unclose to a different accounting period leaves the prior period intact, and creates reversal closing entries in the current period, and then current regular activity entries.

The following example shows the change in accounting:

1. Purchase order is booked for 100 USD.
2. Payables invoice is booked for 25 USD.
3. Purchase order is closed at a balance of 75 USD.

Ledger KK balances (activity log):

Transaction	Encumbrance	Expense
1. PO for 100 USD	100	–
2. Voucher for 25 USD	– 25	25
3. PO closed at 75 USD	– 75	–

The enhanced PO closing process created a credit entry to the encumbrance ledger for the balance of the purchase order. The encumbrance balance is relieved of the purchase order balance after the closing.

Treasury Management: Cash, Deal, Risk Management and Banking 9.1

PeopleSoft Enterprise Cash Management enables you to monitor and forecast cash requirements, perform automated bank reconciliations, distribute payments efficiently and securely, and automatically generate accounting entries. The following enhancements are planned for Cash Management Release 9.1 within these areas.

Integrated Performance Management

In Treasury Management 9.1, we plan to provide the following features to enhance integrated performance management:

Cash Sweep

The goal of the treasury function is to provide liquidity for a business while still earning a good return on its cash. To set up efficient liquidity solutions for an entire organization, many treasurers select banks that have wide geographical coverage and are in a position to offer unified cash management structures in multiple countries. This utilization of multiple banks and bank accounts adds to the complexity of cash management.

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The Cash Sweep functionality will enable customers to transfer funds from one account to another. This enables Treasurers to gain better control and visibility of their liquidity. They can deploy liquidity prudently and take advantage of market opportunities using target balances, threshold controls, or zero balance accounts, and ultimately benefit from higher yields and better management of bank fees.

New Functionality

Cash Sweep enables you to perform a sweep across multiple external bank accounts and cross currencies to manage the liquidity in your organization. Cash Sweep leverages the functionality of these PeopleSoft Enterprise Treasury features:

- External bank accounts.
- Cash position.
- Fund transfers - bank account and EFT (electronic fund transfer) requests.

Before you set up a cash sweep structure you should:

- Set up external bank accounts.
- Set up internal bank accounts.
- Set up bank transfer templates.
- Set up EFT templates.
- Define cash position trees.

This diagram describes the cash sweep process flow:

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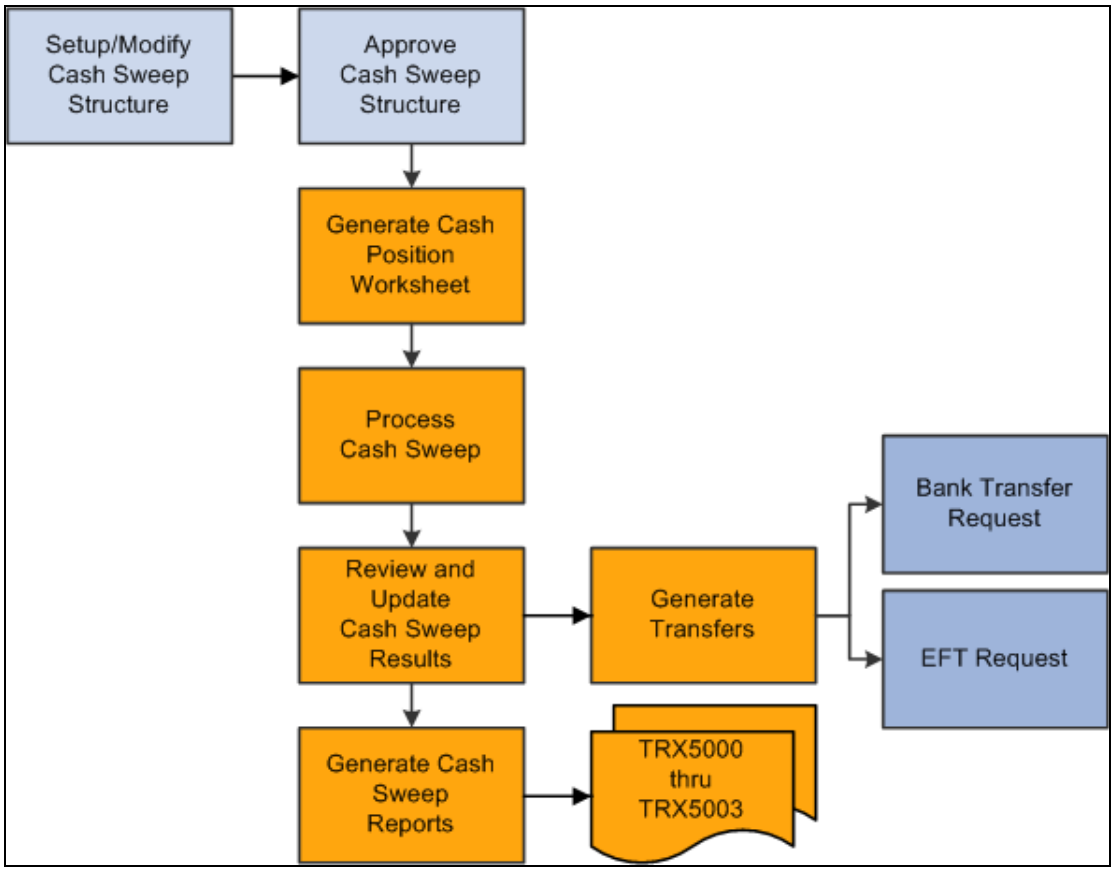

Cash Sweep process flow

The Cash Sweep process flow includes these steps:

1. Set up a cash sweep structure.
2. Approve the cash sweep structure.
3. Generate the Cash Position worksheet.
4. Run the Cash Sweep process (TR_CSH_SWEEP).
5. Review the Cash Sweep Results and update as necessary.
6. Generate EFT, bank transfers or both.
7. Generate cash sweep reports.

Set Up a Cash Sweep Structure

The cash sweep structure is the foundation for running the Cash Sweep process. You select the master bank account that you want to move the funds either into or out of depending on the Activity Type that you select, which can be:

- Funding - This activity type moves funds out of the master bank account to the selected sub bank accounts.
- Concentrated - This activity type moves funds out of selected sub bank accounts to the master bank account

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- Bi-Directional - This activity type moves funds into and out of the master bank account depending on whether the calculated transfer amount for the sub account is positive or negative. Negative balances in sub accounts are funded and positive balances in sub accounts are concentrated.

Essential to the determination of the transfer amounts in a cash sweep is the selection of a cash position tree and tree node for the master bank account. You also select a cash position tree node for each sub account that you add to this cash sweep structure. The selected tree nodes for a cash sweep structure's master account and sub accounts must share the same cash position tree.

Approve the Cash Sweep Structure

Once you have set up a cash sweep structure, an assigned approver must access the Approve Cash Sweep Structure page and approve the structure before you can perform the Cash Sweep process.

An approver can either approve or deny a cash sweep structure. If a cash sweep structure is denied, you can access the denied structure from this page and make any necessary changes. This changes the status of the structure to pending and requires that an approver either approve or deny the structure again. An approver can select multiple cash sweep structures for approval.

Generate a Cash Position Worksheet

For you to accurately perform a cash sweep, the cash position tree nodes must be set up correctly. A cash position worksheet is not generated as part of the Cash Sweep process. You must generate the worksheet prior to running the Cash Sweep process. The system does not determine whether the cash position has been set up.

Run the Cash Sweep Process

Once the cash sweep structure has been approved, you can run the Cash Sweep process (TR_CSH_SWEEP), which drives the data extraction, funds transfer calculation and funds transfer execution for a cash sweep structure. You can process cash sweep for each cash sweep structure and for a specific date and run it multiple times during a specified date. You can also select or not select subaccounts for cash sweep processing.

Review and Update the Cash Sweep Results

Once the Cash Sweep Process has run, you can access the Cash Sweep Results page to review the results of the cash sweep in detail. If you did not select the Auto Generate Transfers check box on the Cash Sweep Structure Definition page, you can click the Generate Transfers button to perform the EFT or bank transfers.

You can override the default actual amount when you want to transfer an amount other than the actual amount that was calculated. If the activity type selected in the Cash Sweep Structure is bidirectional, you can change the activity type in the results from Concentration to Funding, which changes the direction of the transfer when you want to override the actual transfer amount for a row on the Transfer Detail tab of the grid.

Generate Cash Sweep Reports

You can generate these Cash Sweep reports:

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- TRX5000 – Cash Sweep Structure report.
- TRX5001 – Cash Sweep Bank Accounts report.
- TRX5002 – Cash Sweep Summary report.
- TRX5003 – Cash Sweep Payments report.

Treasury Dashboard

Organizations face complex challenges in controlling and streamlining financial processes to improve the bottom line. The lack of visibility into cash positions and daily operational tasks on the part of Treasury managers has created a need for a dashboard to efficiently manage their return on cash.

The Treasury Dashboard provides managers with a unique view of the cash position for the organization. The dashboard provides the cash position by bank or by currency, investment mix, debt mix and payment by source. The Treasury Dashboard is a necessary business intelligence tool that enables managers to effectively manage cash within their organizations, saving them time and money. Dashboards streamline the work of the treasurer by providing enormous value as well as a central place to monitor the cash position, payments and investments.

New Functionality

The Treasury Dashboard consists of a series of components that display cash management, deal management, and operational data in summary, detail and chart formats. These components enable executives and managers to gain a clear visual concept of the financial state of the organization in order to manage and monitor spending in real time. The Treasury Dashboard consists of:

- Cash Management
  - Cash Position by Bank
  - Cash Position by Currency
- Deal Management
  - Investment Mix
  - Debt Mix
  - Fixed vs. Floating Rate Investments
  - Fixed vs. Floating Rate Debt
  - Open Foreign Exchange Contracts
- Operational
  - Payments by Source
  - Payments by Status
- Payments by Bank

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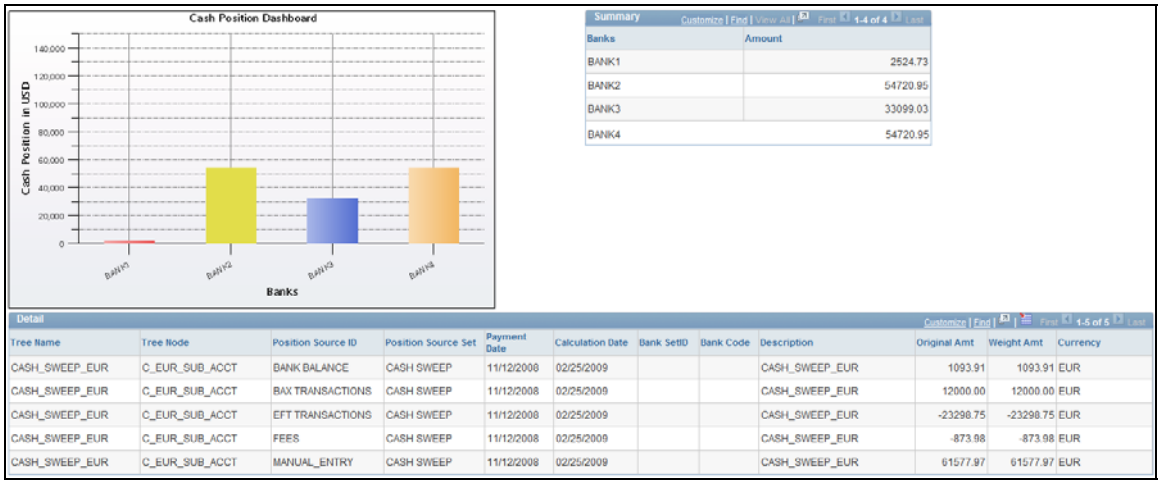
- Payments by Payment Method
- Status of Bank Statement Loads

Cash Position by Bank

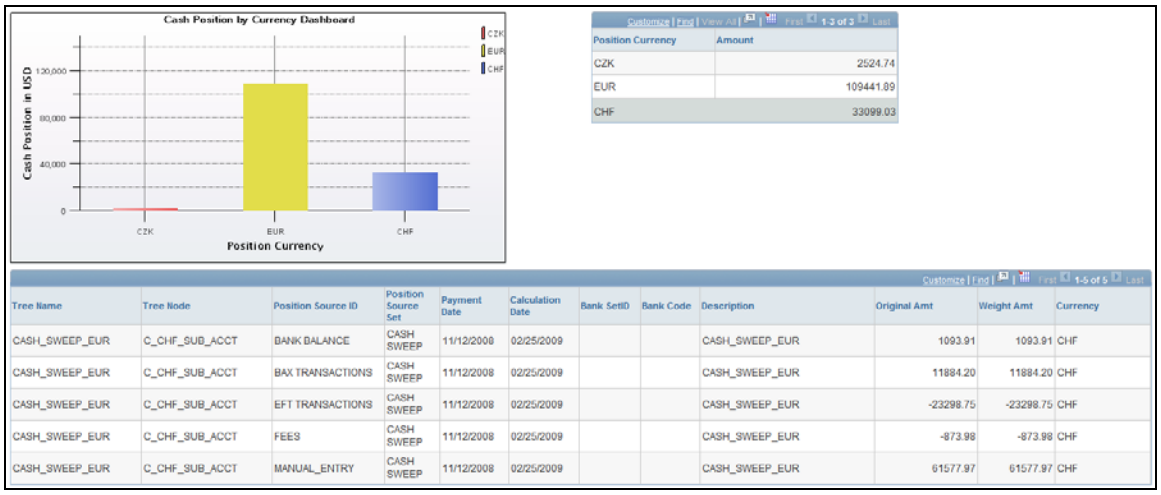
Based on the data that you select on the configuration page, you can choose to display a chart, summary data, and detail data showing the cash position of each selected bank, each selected tree node, or each selected source set.



Cash Position by Bank Dashboard

Cash Position by Currency

Based on the data that you select on the configuration page, you can choose to display a chart, summary data, and detail data that displays your organization's cash position for one or more position currencies based on a selected currency amount such as USD.



Cash Position by Currency Dashboard

Investment Mix

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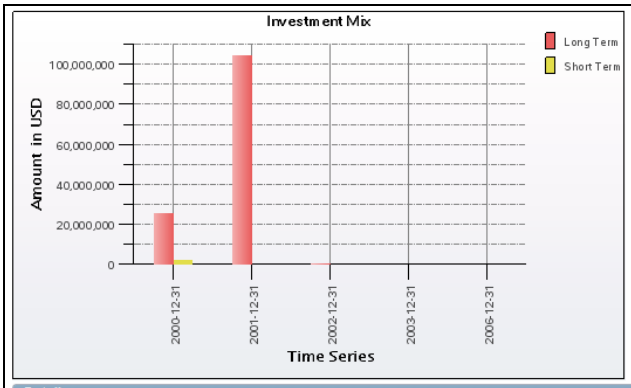
This dashboard displays a two- or three-dimensional chart, summary data, and detail data. It displays the long term and short term amounts of your organization's investments based on a selected time series.



Summary — Customize | Find | View All | First 1-6 of 6 Last

	Time Series	Term	Currency	Amount
1	12/31/2000	Long Term	USD	26090900.00
2	12/31/2000	Short Term	USD	2300000.00
3	12/31/2001	Long Term	USD	105000000.00
4	12/31/2002	Long Term	USD	786020.84
5	12/31/2003	Long Term	USD	3500.00
6	12/31/2006	Long Term	USD	30000.00

Detail — Customize | Find | View All | First 1-10 of 26 Last

	Business Unit	Deal ID	Settlement Date	Maturity Date	Instrument Base Type	Asset or Liability	Term	Currency	Amount
1	US001	BNKACCEPT	05/15/2000	08/15/2000	Interest Rate Physical	Asset	Long Term	USD	5000000.000
2	US001	CASE1	01/01/2003	01/01/2009	Interest Rate Physical	Asset	Long Term	USD	1000.000
3	US001	CASE2	01/01/2003	01/01/2009	Interest Rate Physical	Asset	Long Term	USD	1000.000
4	US001	CASE9	06/05/2003	06/05/2008	Interest Rate Physical	Asset	Long Term	USD	1500.000
5	US001	CDDAYCOMP	06/12/2000	09/12/2000	Interest Rate Physical	Asset	Long Term	USD	250000.000
6	US001	CDWEEKCOMP	08/11/2000	10/11/2000	Interest Rate Physical	Asset	Short Term	USD	300000.000
7	US001	CFLOW_1	05/06/2002	03/06/2006	Interest Rate Physical	Asset	Long Term	CAD	1000000.000
8	US001	INVEST1	10/24/2000	10/24/2001	Interest Rate Physical	Asset	Long Term	USD	750000.000
9	US001	INVEST2	10/24/2000	10/22/2010	Interest Rate Physical	Asset	Long Term	USD	1500000.000
10	US001	INVEST3	10/24/2000	10/24/2001	Interest Rate Physical	Asset	Long Term	USD	1000000.000

Investment Mix Dashboard

Debt Mix

This dashboard displays a two- or three- dimensional chart, summary data, and detail data. It displays the long-term and short-term amounts of debt held by your organization based on a selected time series.

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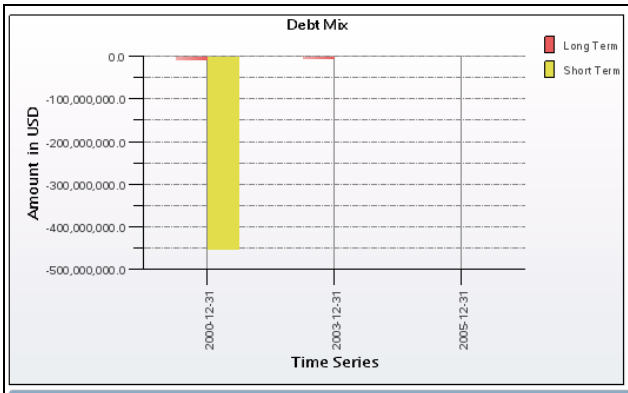

Summary

Customize | Find | View All | First 1-4 of 4 Last

	Time Series	Term	Currency	Amount
1	12/31/2000	Long Term	USD	-6775000.00
2	12/31/2000	Short Term	USD	-452150000.00
3	12/31/2003	Long Term	USD	-5000000.00
4	12/31/2005	Long Term	USD	-200000.00

Detail

Customize | Find | View All | First 1-10 of 12 Last

	Business Unit	Deal ID	Settlement Date	Maturity Date	Instrument Base Type	Asset or Liability	Term	Currency	Amount
1	US001	CASE5	01/01/2003	12/31/2007	Interest Rate Physical	Liability	Long Term	USD	-5000000.000
2	US001	COMPAPD	02/01/2000	11/01/2000	Interest Rate Physical	Liability	Long Term	USD	-225000.000
3	US001	COMPAPIB	07/20/2000	10/18/2000	Interest Rate Physical	Liability	Short Term	USD	-150000.000
4	US001	DEBT1	10/24/2000	10/24/2001	Interest Rate Physical	Liability	Long Term	USD	-1250000.000
5	US001	DEBT2	10/24/2000	03/23/2001	Interest Rate Physical	Liability	Long Term	USD	-1100000.000
6	US001	ONREPO	08/08/2000	08/09/2000	Interest Rate Physical	Liability	Short Term	USD	-452000000.000
7	US001	STL2	10/25/2000	10/25/2001	Interest Rate Physical	Liability	Long Term	USD	-1000000.000
8	US001	TCORPBOND1	03/28/2000	03/28/2001	Interest Rate Physical	Liability	Long Term	USD	-1100000.000
9	US001	TCORPBOND2	03/31/2000	04/02/2001	Interest Rate Physical	Liability	Long Term	USD	-1100000.000
10	US001	TCORPBOND3	05/12/2000	05/14/2001	Interest Rate Physical	Liability	Long Term	USD	-1000000.000

Debt Mix Dashboard

Fixed vs. Floating Rate Investments

This dashboard displays a two- or three- dimensional chart, summary data, and detail data. It displays the amounts of fixed-rate investments versus floating-rate investments based on a selected time series.

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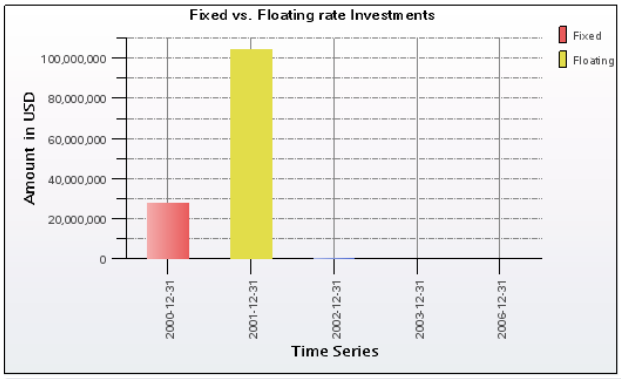

Summary — Customize | Find | View All | First 1-5 of 5 Last

	Time Series	Rate Type	Currency	Amount
1	12/31/2000	Fixed	USD	28390900.00
2	12/31/2001	Fixed	USD	105000000.00
3	12/31/2002	Fixed	USD	786020.84
4	12/31/2003	Fixed	USD	3500.00
5	12/31/2006	Fixed	USD	30000.00

Detail — Customize | Find | View All | First 1-10 of 26 Last

	Business Unit	Deal ID	Settlement Date	Maturity Date	Instrument Base Type	Asset or Liability	Rate Type	Currency	Amount
1	US001	BNKACCEPT	05/15/2000	08/15/2000	Interest Rate Physical	Asset	Fixed	USD	5000000.000
2	US001	CASE1	01/01/2003	01/01/2009	Interest Rate Physical	Asset	Fixed	USD	1000.000
3	US001	CASE2	01/01/2003	01/01/2009	Interest Rate Physical	Asset	Fixed	USD	1000.000
4	US001	CASE9	06/05/2003	06/05/2008	Interest Rate Physical	Asset	Fixed	USD	1500.000
5	US001	CDDAYCOMP	06/12/2000	09/12/2000	Interest Rate Physical	Asset	Fixed	USD	250000.000
6	US001	CDWEEKCOMP	08/11/2000	10/11/2000	Interest Rate Physical	Asset	Fixed	USD	300000.000
7	US001	CFLOW_1	05/06/2002	03/06/2006	Interest Rate Physical	Asset	Fixed	CAD	1000000.000
8	US001	INVEST1	10/24/2000	10/24/2001	Interest Rate Physical	Asset	Fixed	USD	750000.000
9	US001	INVEST2	10/24/2000	10/22/2010	Interest Rate Physical	Asset	Fixed	USD	1500000.000
10	US001	INVEST3	10/24/2000	10/24/2001	Interest Rate Physical	Asset	Fixed	USD	1000000.000

Fixed vs. Floating Rate Investments Dashboard

Fixed vs. Floating Rate Debt

This dashboard displays a two- or three- dimensional chart, summary data, and detail data. It displays the amounts of fixed rate debt versus floating rate date held by your organization based on a selected time series.

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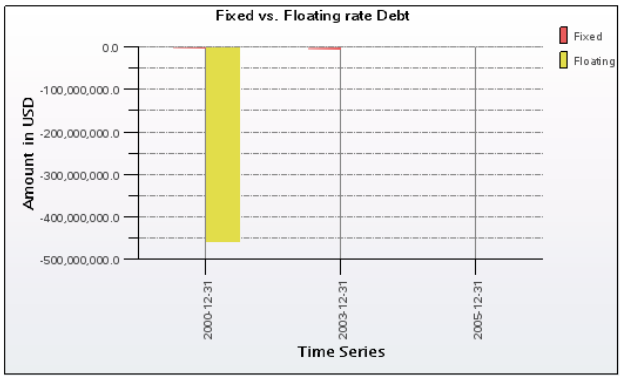

Summary

Customize | Find | View All | First 1-5 of 5 Last

	Time Series	Rate Type	Currency	Amount
1	12/31/2000	Floating	USD	-2000000.00
2	12/31/2000	Fixed	USD	-456925000.00
3	12/31/2003	Floating	USD	-5000000.00
4	12/31/2005	Floating	USD	-100000.00
5	12/31/2005	Fixed	USD	-100000.00

Detail

Customize | Find | View All | First 1-10 of 12 Last

	Business Unit	Deal ID	Settlement Date	Maturity Date	Instrument Base Type	Asset or Liability	Rate Type	Currency	Amount
1	US001	CASE5	01/01/2003	12/31/2007	Interest Rate Physical	Liability	Floating	USD	-5000000.000
2	US001	COMPAPD	02/01/2000	11/01/2000	Interest Rate Physical	Liability	Fixed	USD	-225000.000
3	US001	COMPAPIB	07/20/2000	10/18/2000	Interest Rate Physical	Liability	Fixed	USD	-150000.000
4	US001	DEBT1	10/24/2000	10/24/2001	Interest Rate Physical	Liability	Fixed	USD	-1250000.000
5	US001	DEBT2	10/24/2000	03/23/2001	Interest Rate Physical	Liability	Fixed	USD	-1100000.000
6	US001	ONREPO	08/08/2000	08/09/2000	Interest Rate Physical	Liability	Fixed	USD	-452000000.000
7	US001	STL2	10/25/2000	10/25/2001	Interest Rate Physical	Liability	Floating	USD	-1000000.000
8	US001	TCORPBOND1	03/28/2000	03/28/2001	Interest Rate Physical	Liability	Fixed	USD	-1100000.000
9	US001	TCORPBOND2	03/31/2000	04/02/2001	Interest Rate Physical	Liability	Fixed	USD	-1100000.000
10	US001	TCORPBOND3	05/12/2000	05/14/2001	Interest Rate Physical	Liability	Floating	USD	-1000000.000

Fixed vs. Floating Rate Debt

Open Foreign Exchange Contracts

This dashboard displays a two- or three- dimensional chart, summary data, and detail data. This dashboard displays open foreign exchange contracts based on the selection of one or more currencies. You can choose to display the currency amount for either buying contracts, in which the currency amounts extend from the bottom up or selling contracts, in which the currency amounts extend from the top down.

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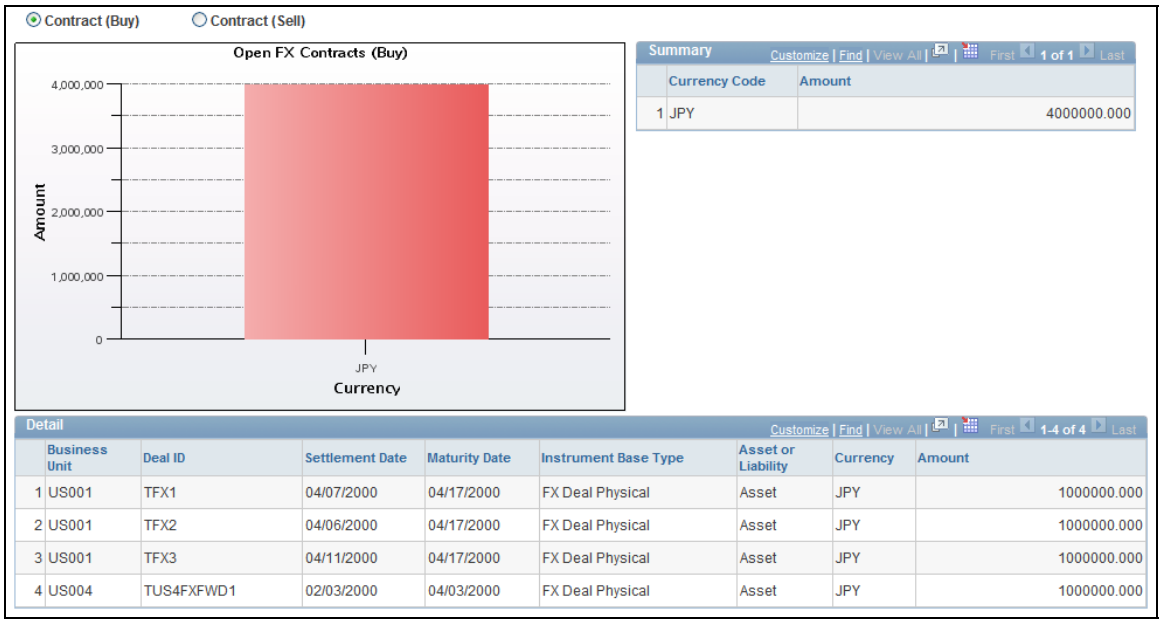
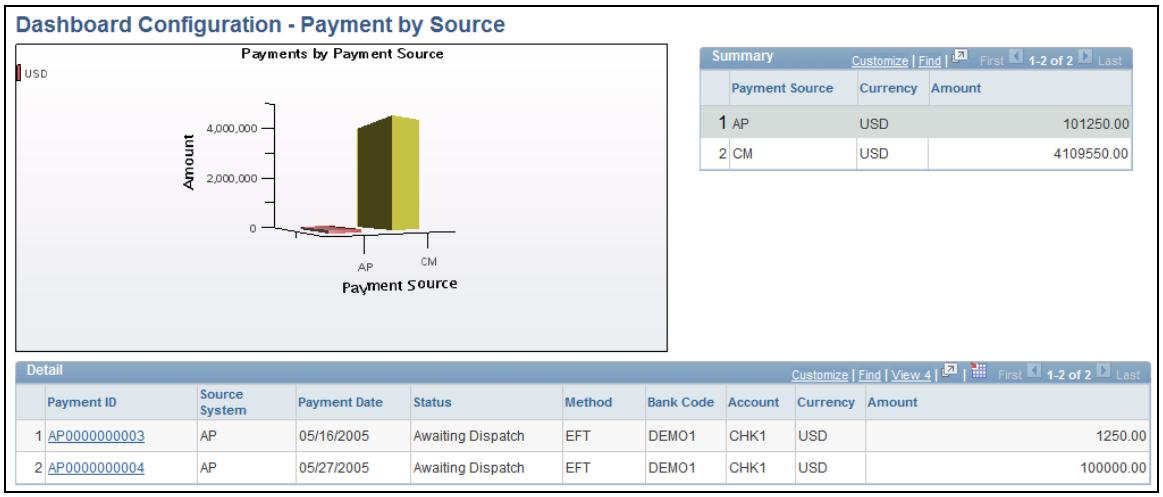


Open Foreign Exchange Contracts Dashboard

Payment by Source

On the Payments Dashboard Configuration page for Payment by Source, you select either the current system date or a specific date, which enables you to select a start and end date for the payment information. You then select a business unit and a payment source, save the selections, and display the Payment by Source dashboard. You can display the data in two- or three dimensional charts, as summary data, and as detail data. This dashboard compares the total payment amounts of one or more selected payment sources for the selected date or a selected date range.



Payment by Source Dashboard.

Payment by Status

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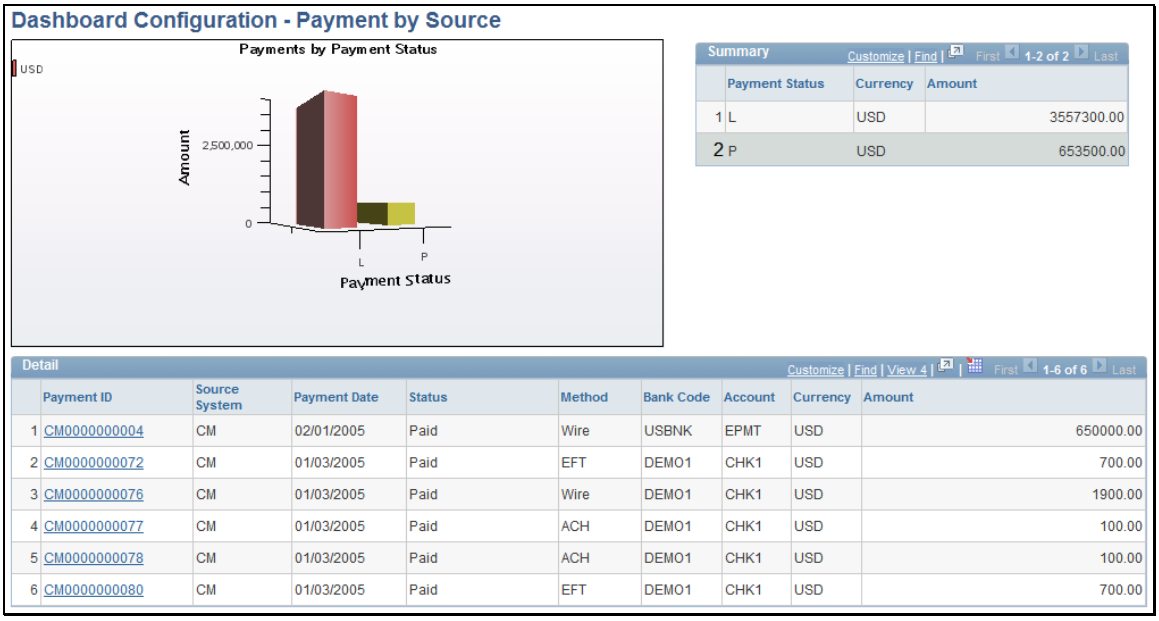
On the Payment Dashboard Configuration page for Payment by Status, you select either the current system date or a specific date, which enables you to select a start and end date for the payment information. You then select a business unit and one or more payment statuses, save the selections, and display the Payment by Status dashboard. This dashboard displays the total payment amount based on the selected payment status, such as L (Late), P (Paid). H (Hold), C (Cancelled) and more.



Payment by Status Dashboard

Payment by Bank

On the Payment Dashboard Configuration page you select either the current system date or a specific date, which enables you to select a start and end date for the payment information. You then select a business unit and one or more bank codes, save the selections, and display the Payment by Bank dashboard. This dashboard displays the total payment amounts for each selected bank.

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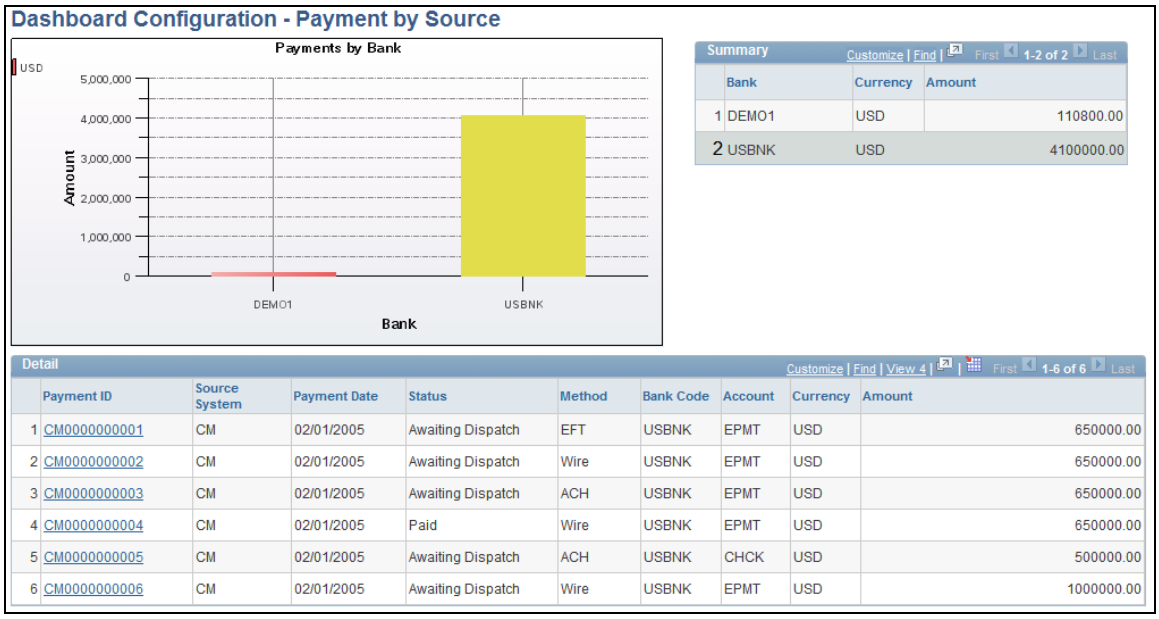
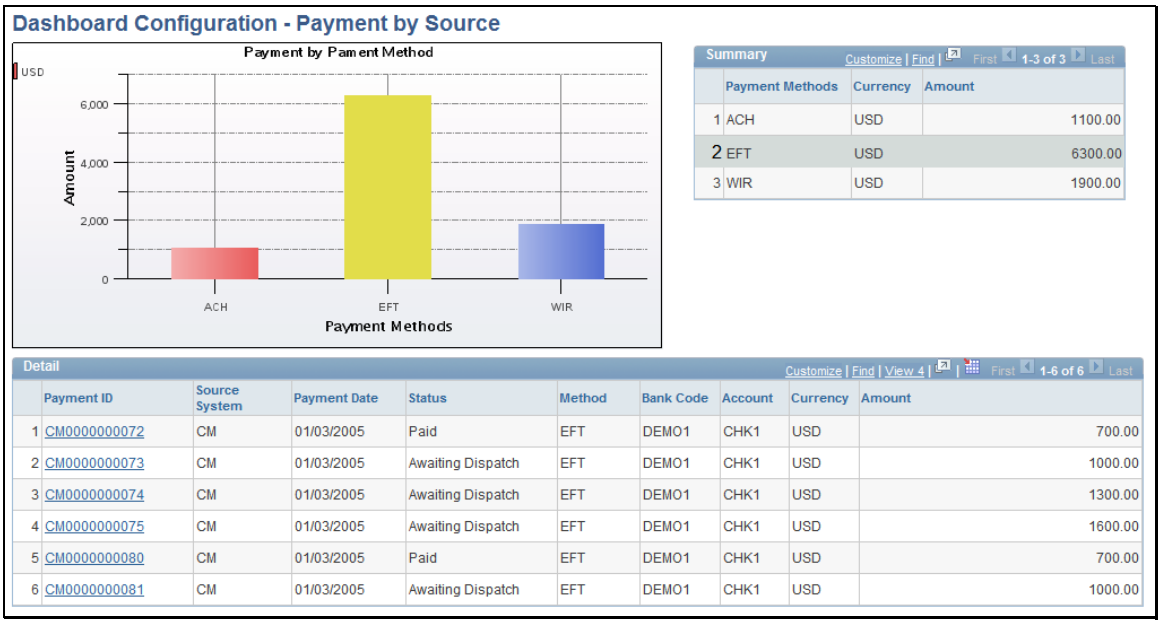


Payment by Bank Dashboard

Payment by Payment Method

You select either the current system date or a specific date, which enables you to select a start and end date for the payment information. You then select a business unit and a payment source, save the selections and display the Payment by Source dashboard. This dashboard displays the total payment amount based on selected payment methods such as ACH, EFT, and WIR.



Payment by Payment Method Dashboard

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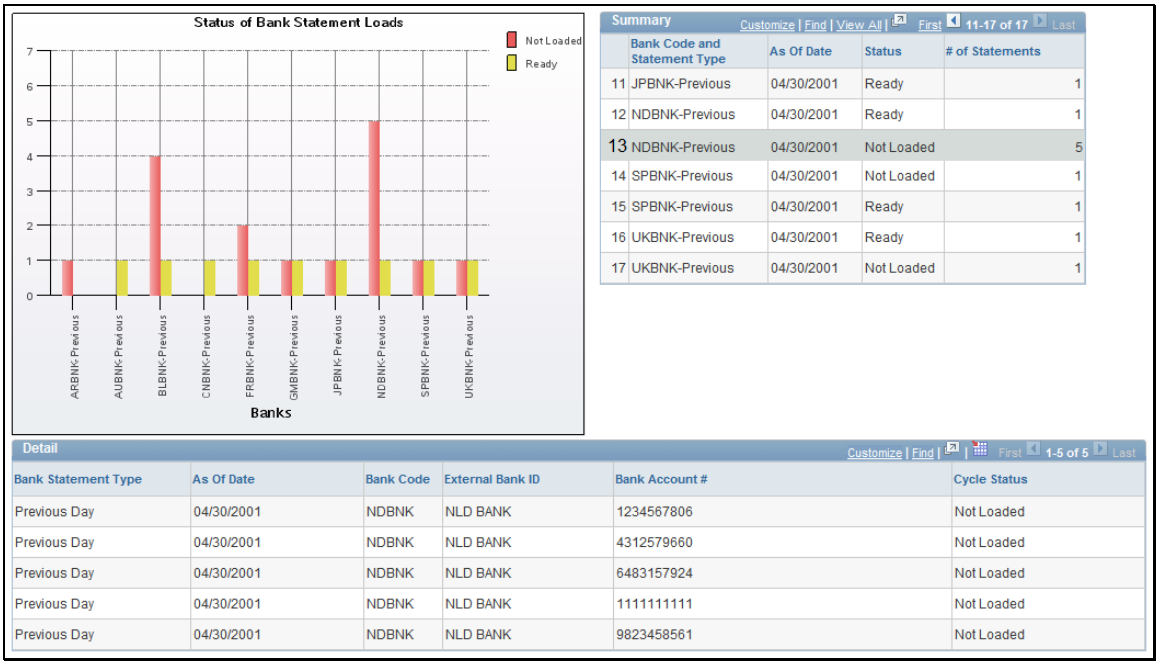
Status of Bank Statement Loads

You select the as of date and the bank statement type (previous day, same day, account analysis) that you want to display. If you leave the type blank, the system loads all types. You can select banks and bank accounts that you want to exclude from the data on the Status of Bank Statement Loads Configuration page, save the page, and display the Status of Bank Statement Loads dashboard. This dashboard displays the number of statements that are either not loaded or ready for each bank based as of the selected date and selected type.



	Bank Code and Statement Type	As Of Date	Status	# of Statements
11	JPBNK-Previous	04/30/2001	Ready	1
12	NDBNK-Previous	04/30/2001	Ready	1
13	NDBNK-Previous	04/30/2001	Not Loaded	5
14	SPBNK-Previous	04/30/2001	Not Loaded	1
15	SPBNK-Previous	04/30/2001	Ready	1
16	UKBNK-Previous	04/30/2001	Ready	1
17	UKBNK-Previous	04/30/2001	Not Loaded	1

Bank Statement Type	As Of Date	Bank Code	External Bank ID	Bank Account #	Cycle Status
Previous Day	04/30/2001	NDBNK	NLD BANK	1234567806	Not Loaded
Previous Day	04/30/2001	NDBNK	NLD BANK	4312579660	Not Loaded
Previous Day	04/30/2001	NDBNK	NLD BANK	6483157924	Not Loaded
Previous Day	04/30/2001	NDBNK	NLD BANK	1111111111	Not Loaded
Previous Day	04/30/2001	NDBNK	NLD BANK	9823458561	Not Loaded

Status of Bank Statement Loads Dashboard

Bi-Lateral Netting

Payment terms that are different in a vendor relationship from those in a customer relationship, even though the customer and the vendor are the same, is a common scenario. This scenario provides challenges in the netting of payments when organizations are not realizing the overall discount terms. Treasury Release 9.1 delivers enhancements to netting functionality that rationalize the payables and receivables discount terms to effectively support bi-lateral netting. Organizations can realize savings and financial value.

New Functionality

In PeopleSoft Release 9.1, the bi-lateral netting functionality will be enhanced to enable a user to optionally select the Apply Discounts to Transactions option on the Netting Contracts - Primary Information page or the Manual Select Netting - Manual Selection page to consider discount terms on PeopleSoft Payables vouchers and Receivables items that are netted. This ensures that when a voucher is paid the discount is taken during the pay cycle run.

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Global Compliance and Controls

Treasury Management 9.1 plans to provide the following features to enhance global compliance and controls:

Single Euro Payment Area (SEPA)

The Single Euro Payments Area (SEPA) initiative for the European financial infrastructure involves the creation of a zone for the euro in which all electronic payments use the same layout. The goal of SEPA is to improve the efficiency of cross-border payments and turn the fragmented national markets for euro payments into a single domestic one.

The SEPA payment instruments will operate alongside existing national processes. Full migration to the new format is planned for the end of 2011.

In the Cash Management product the Financial Gateway feature facilitates straight-through payment processing, providing a single platform for seamless communication among banks, financial institutions, and corporations to process all payments and receipts. With PeopleSoft Release 9.1, we plan to support the new requirements for SEPA (SEPA Credit and Direct Debits Transfers, Exception Handling Process) through its central payment hub, Financial Gateway.

New Functionality

Oracle's PeopleSoft will apply SEPA rules and standards to these specific areas of functionality:

- Enforcement of SEPA rules and standards that apply the storage and use the Bank Identifier Code (BIC) in the system.
- Application of SEPA rules and standards to the initiation and processing of SEPA credit transfers used for single, bulk and repetitive payments.
- Application of SEPA rules and standards to the initiation and processing of SEPA direct debits to serve as the local collection instrument for SEPA regions that transcend national borders.

BIC Requirements

SEPA usage rules require the use of BIC, which is assigned by the Society for Worldwide Interbank Financial Telecommunication (SWIFT) and IBAN (International Bank Identifier Number) to identify the banks and bank accounts of the creditor and debtor in all euro cross-border payments. It is imperative that the IBAN and BIC codes are correct to avoid repair fees that the bank charges due to processing errors.

The BIC value is defined when you select 02 as the DFI qualifier (Depository Financial Institution Qualifier), which is set up for SWIFT/BIC, Once you select the 02 qualifier, you can enter the BIC code in the DFI ID field, which can be 8 or 11 characters, where positions 5 and 6 must be a valid two-character country code. The DFI qualifier identifies the format (the number of characters and numerics) that should be used in the bank's DFI ID, which identifies the bank.

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The DFI Qualifier and DFI ID fields and the IBAN fields appear on these PeopleSoft Enterprise application pages:

- Cash Management, Fees and Transfers, Enter Transfer Template, Destination page. The DFI Qualifier, DFI ID, and IBAN fields appear only for EFT transfer templates.
- Cash Management, Fees and Transfers, EFT Request, Destination page.
- Banking, Bank Accounts, Settlement Instructions, Beneficiary Bank page.
- Vendors, Vendor Information, Add/Update, Vendor, Location; click the Payables link to access the Payables Options page, and open Vendor Bank Account section of the Payables Options page.
- Customers, Customer Information, MICR Information, Customer Bank page.
- Travel and Expenses, Manage Employee Information, Update Profile, Bank Accounts page, click the Bank icon to access the Pay to Bank Accounts page.
- eSettlements, Supplier Information, Review Supplier Details, Create a New Supplier, Locations, Add a New Location or Maintain Locations; click the Update Bank Information link in the Payment Terms and Remitting Options group box on the Maintain Locations page.

SEPA Credit Transfer and Direct Debit Initiation

To initiate a SEPA Credit Transfer or SEPA Direct Debit, PeopleSoft predefined these layouts in the Layout Catalogue:

SEPA credit transfer layout - SEPA_CT

SEPA direct debit layouts - SEPA_DD

These SEPA layouts dispatch payments electronically as XML messages from PeopleSoft Financial Gateway using the Credit Transfer Initiation Message pain.001.001.02. or the Customer Direct Debit Initiation Message pain.008.001.01. The PeopleSoft payment methods ACH (Automated Clearing House), WIR (Treasury Wire), and EFT (Electronic File Transfer) support the SEPA_CT layout, and the direct debit payment method supports the SEPA_DD layout.

SEPA Credit Transfers

The SEPA credit transfer scheme defines a common set of rules and processes for credit transfers denominated in euro. The scheme defines a common service level and a time frame under which financial institutions participating in the scheme must, at a minimum, conduct SEPA credit transfers.

To enable a SEPA credit transfer to occur, PeopleSoft software:

- Predefines a SEPA_CT layout, which adheres to ISO20022 Version 2 credit transfer standards and is in compliance with SEPA rules.
- Provides the functionality to initiate an input message with SEPA compliant information from PeopleSoft Payables to PeopleSoft Financial Gateway.

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- Provides the functionality to accept the SEPA format for rejecting and returning a message and to store the format in PeopleSoft Financial Gateway.

SEPA credit transfers begin with the initiation of SEPA credit transfer payments by the payment originator. To transfer the funds, the payment originator instructs the bank in which the originator holds a bank account to move the funds to the account of the beneficiary. The originator's bank then processes the SEPA credit transfer payment instruction according to the SEPA credit transfer scheme and transfers the funds using clearing and settlement mechanisms to the beneficiary's bank. The beneficiary's bank then credits the account of the beneficiary.

The initiation process of the funds transfer typically impacts PeopleSoft Payables, because payments are most often triggered by the purchase of goods and services. However, this process may also be initiated from PeopleSoft Cash Management if funds are transferred between accounts or payments that are made to a Treasury counterparty or from a third-party application.

SEPA Direct Debits

The SEPA direct debit instrument is designed to act as a local collection instrument for SEPA regions that transcend national borders. SEPA implementation guidelines for direct debits are based on the adoption of the ISO20022 or UNIFI standard. A SEPA direct debit pulls funds from the debtor's bank account into the creditor's bank account. The pull is based on a direct debit mandate provided by the debtor to the creditor.

A mandate is a form given by the debtor to the creditor that authorizes the creditor to initiate collections that debit the debtor's specified account and enables the debtor's bank to comply with the instructions in accordance with the SEPA Rulebook. The collections are separate transactions from the underlying contract on which they are based. The underlying contract is agreed on between the creditor and the debtor. PeopleSoft Financial Gateway enables the creditor to print the mandate form with a reference number assigned by the system.

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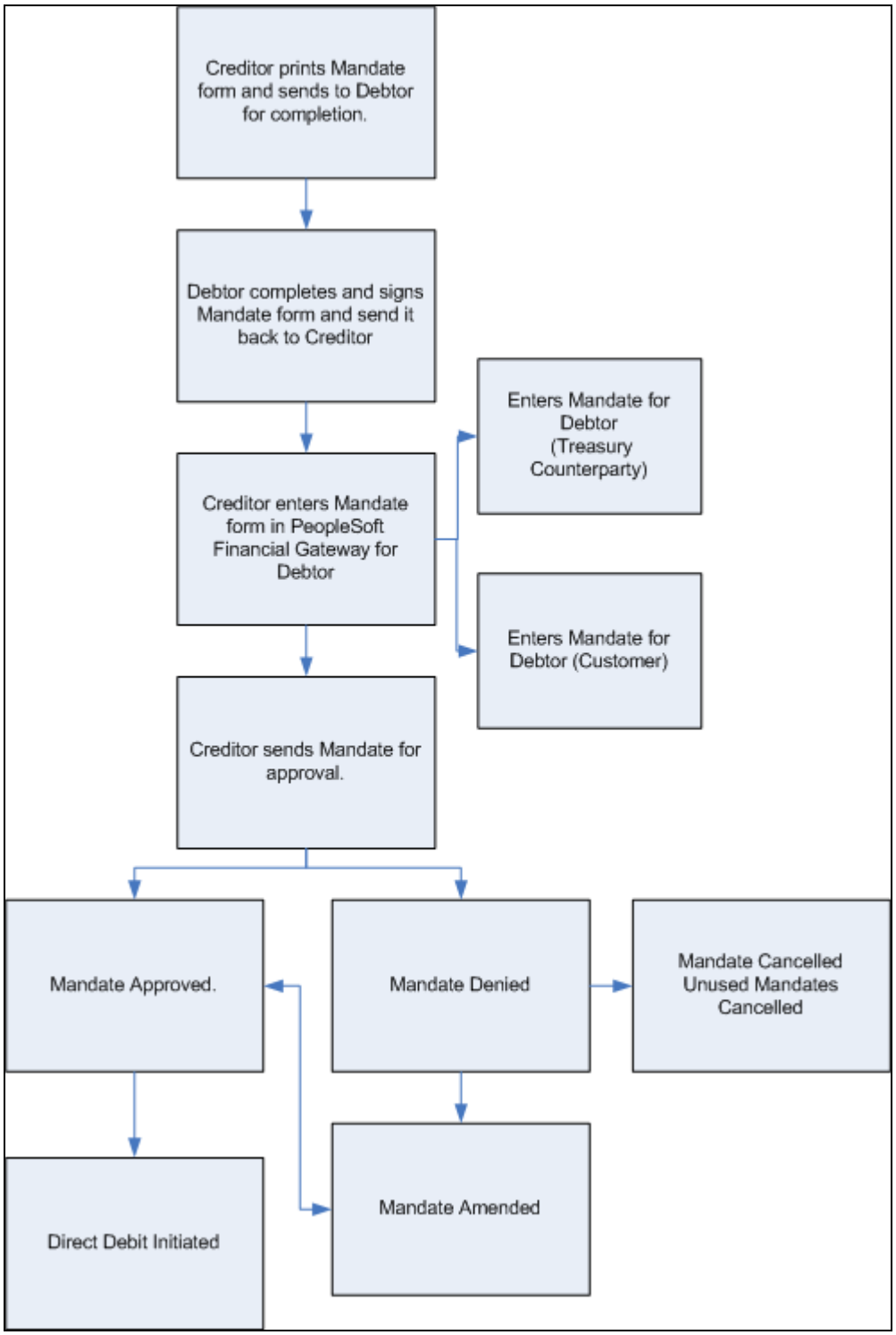

Direct Debit Mandate process flow

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The debtor can be a Treasury counterparty or a customer. After the debtor completes and signs the mandate form, the debtor must return the completed mandate to the creditor. The creditor must enter the mandate information from the paper form in PeopleSoft Financial Gateway on the Direct Debit for Counterparties page if the debtor is a Treasury counterparty, or on the Direct Debit Mandate for Customers page if the debtor is a customer. The mandate must be signed by the debtor. The debtor can amend the mandate form by informing the creditor of any necessary changes and state the reason for the amendment. The creditor selects a reason code on the amendment section of the form, which appears when the creditor makes the change and saves the change to the form in the system.

The initiating party sends the Customer Direct Debit Initiation message to the forwarding agent or creditor agent using PeopleSoft Financial Gateway. The message requests a single or bulk collection of funds from one or more of the debtor's accounts for a creditor. A prenotification of the collection must be issued fourteen days before initiating the direct debit.

SEPA direct debits can be initiated from PeopleSoft Receivables or by creating an EFT request in PeopleSoft Cash Management which treats direct debits as collection items. Both products must identify SEPA_DD and EURO as the currency and capture the BIC/IBAN and mandate information.

SEPA Payment Cancellation and Reversals

PeopleSoft predefined these layouts that handle cancellations and reversals for SEPA credit transfers and direct debits:

- ISO_CNCL
- SEPA_RVSL

These layouts are used to cancel or reverse payment messages electronically as XML messages from PeopleSoft Financial Gateway.

In PeopleSoft Payables you can cancel a SEPA cash transfer payment and reverse the cancellation. However, in PeopleSoft Receivables you can reverse a SEPA direct debit, but you cannot cancel it.

Users can define their own reason codes and reasons for payment cancellation and reversals.

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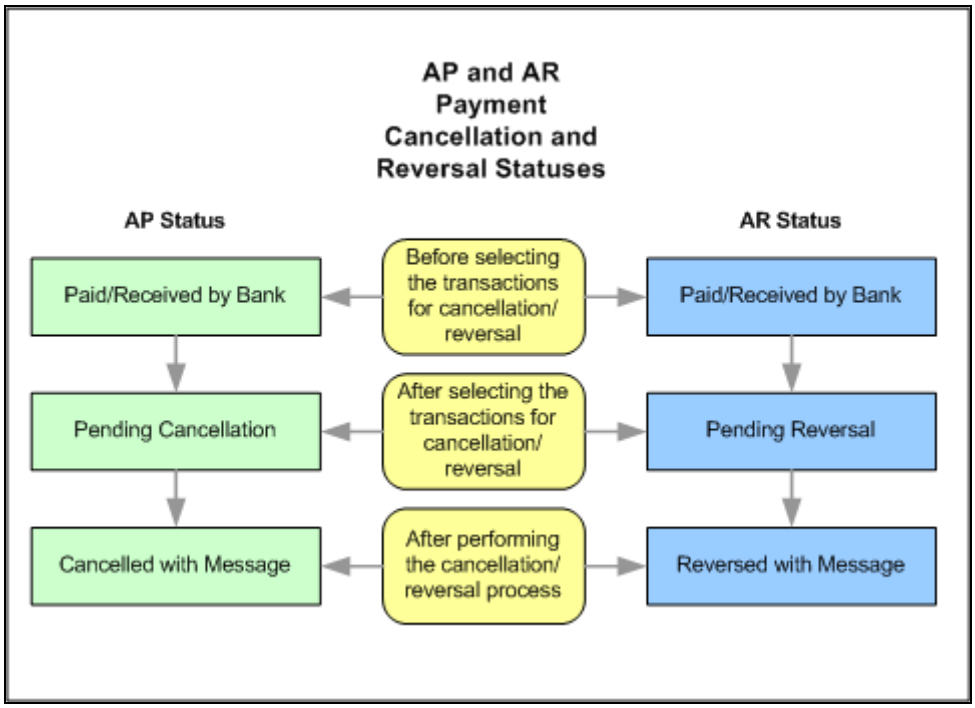

AP and AR Payment Cancellation and Reversal statuses

SEPA Payment Cancellation and SEPA Payment Reversal messages can be sent for payments received from third-party systems into Financial Gateway.

Payment Status Report

PeopleSoft predefined a layout PMT_STATV2 (ISO222 Payment Status Version 2) in the Layout Catalogue for the document type Payment Acknowledge. This layout will be used to import the Payment Status report XML file that is sent by the bank. The file that will be imported will be an acknowledgement file sent by the bank adhering to ISO20022 XML standards. The message is PAIN.002.001.002.

The PaymentStatusReport message is exchanged between an agent and a non-financial institution customer to provide status information about instructions previously sent. Its usage is governed by a bilateral agreement between the agent and the non-financial institution customer.

The PaymentStatusReport message provides information about the status (rejection or acceptance) of the initiation of a SEPA credit transfer, a SEPA direct debit, or other customer instructions, such as a SEPA payment cancellation or reversal request.

Payment Layout Catalogue Expansion

The Payment layout catalogue for the Financial Gateway will be expanded to support ISO20022 version 2, SEPA Direct Debit, SEPA Credit Transfer, SEPA Payment Cancellation, SEPA Reversal, and Spanish EFT. This expansion means more support from Oracle's PeopleSoft.

New Functionality

Each of these new layouts will be used to dispatch payment messages electronically as XML

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messages from PeopleSoft Financial Gateway.

In addition to the SEPA layouts described in the previously, PeopleSoft predefined another new layout, ESP_EFT that defines a Spanish format for users who choose to associate this layout with their banks and bank accounts. This layout will be supported by the existing PeopleSoft payment method EFT. The user will attach the new layout to an existing bank by using the Bank Integration Layouts page and select the layout for any bank accounts associated with the selected bank.

File Attachment

Customers are required to provide support for financial transactions to a variety of regulatory sources. Compliance requirements such as Sarbanes-Oxley have made a systematic approach to providing financial support critical. Organizations maintain the required support in hard copy format or in spreadsheet files. With PeopleSoft Treasury 9.1, we plan to extend the capability to attach supporting documentation to financial transactions, such as scanned images of authorized signatories for banks, and EFT transfers.

New Functionality

This feature enables you to click an Attachments link to access a page where you can attach documents. You can attach documents associated with these components and pages:

Navigation	Page
Cash Management, Fees and Transfers, Bank Account Transfer, Bank Account Transfer page, click Attachment link.	BAX Transfer Attachments (BAX_TR_ATT_SEC)
Cash Management, Fees and Transfers, EFT Request, Origin page, click Attachments link.	EFT Attachments (TR_WIR_PNL_ATT_SEC)
Banking, Bank Accounts, External Accounts, Signatories page, click Attachments link.	Signatory Attachments page (BNKPNLSIGN_ATT_SEC)
Bankng, Letters of Credit, L/C for Import, Import Information	Letter of Credit Attachments page (LC_IMPORT_ATT_SEC)
Banking, Letters of Credit, L/C for Export, Export Information	Letter of Credit Attachments page (LC_EXPORT_ATT_SEC)
Banking, Administer Reconciliation, Reconciliation Rules, Reconciliation Rules page	Reconciliation Rules Attachment page (RCN_RULES_ATT_SEC)
Cash Management, Fees and Transfers, Enter Fees, Enter Fees page	Fee Generator Attachment page (FEEGEN_PNL_ATT_SEC)
Cash Management, Fees and Transfers, Enter Transfer Templates, Origin page, click Attachments link.	Treasury Template Attachments page (TR_WR_TMPT_ATT_SEC)

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Navigation	Page
Cash Management, Treasury Accounting, Accounting Entries, Accounting Entries page, click the Attachment link.	Accounting Entries Attachment page (TR_ACCT_ATT_SEC)
Cash Management, Investment Pools, Participant Information, Participant Information page, click Attachments link.	Attachments Information page (TRP_POOL_ATT_SEC)

Flexible Remittance Advice

While some PeopleSoft payment formats such as ACH 820 and ISO 20022 provide the capability to send remittance advice information, the current settlements process does not offer a standard method for sending remittance advice. Remittance advice information enhances the reconciliation process for both suppliers and buyers.

In PeopleSoft 9.1, we plan to deliver a flexible method for sending remittance advice using PeopleSoft Financial Gateway. It will enable organizations to realize the full potential of electronic payments. The Remittance Advice layout will be configurable to support supplier needs and will be delivered via e-mail, a secure and easy-to-use solution.

The remittance advice functionality will save time, resources, and money for the buyer and the seller by helping the supplier's accounts payable department to efficiently reconcile financial activity.

New Functionality

Remittance advice from subsystems will be sent using email through Financial Gateway (FG) to vendors or suppliers. Using XML Publisher, you can produce your own email message format and select the amount of detail to include in the message. During payment processing by a subsystem, the Payment Dispatch process will call XML Publisher to send an email notification of the payment. If problems occur with the payment remittance when the payment acknowledgement is processed, the Payment Load process will use XML Publisher to send an email notification of these problems.

Enabling PeopleSoft Financial Gateway to Handle Remittance Advice Emails

You can select the Send Remittance Advice check box on the Source Registration page to indicate that PeopleSoft Financial Gateway will send a remittance report based on the entered report ID and the sender’s remittance email address for PeopleSoft Payables, Receivables, Cash Management and Deal Management.

After enabling remittance advice to be sent based on each subsystem’s source registration, users can set up the Remittance Advice Attributes page for these components:

- Settlement Instructions- Beneficiary Address page.
- Enter Transfer Templates – Destination page.
- EFT Requests – Destination page.

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Enabling PeopleSoft Receivables Direct Debits to Send Remittance Advice

You can also set up direct debits in PeopleSoft Receivables to send remittance advice emails using PeopleSoft Financial Gateway by performing these activities:

- Select the Email Notify check box in the Direct Debit Profile.
- To enable a customer to receive an email containing remittance advice, you will need to set up a customer contact email address on the Contact page and link that contact with each customer using the Documentation link on the Contact Customer page. Only Primary Bill To customers will receive a remittance advice email.
- Select the new direct debit component Remit to Bank to send remittance advice related to direct debit transactions (EFT SQRs) that were not processed through PeopleSoft Financial Gateway.
- PeopleSoft Financial Gateway will automatically create email notifications for the direct debit transactions that go through Financial Gateway once the bank returns a positive transaction confirmation receipt message to PeopleSoft Financial Gateway.

Cancellation of Payment Request via Flat File

When it comes to payment transactions, companies are faced with multiple source systems for payments (accounts payable, accounts receivable, and legacy systems). Canceling payments one at a time is a time-consuming and labor-intensive effort.

In PeopleSoft Cash Management, the Financial Gateway is designed to be a true Payment Hub for PeopleSoft customers. The customer sends payments using a flat file to PeopleSoft Financial Gateway from a source system. PeopleSoft 9.1 enhances this process by enabling the cancellation of a payment via flat file, which streamlines and improves the efficiency of the cancel payment process.

New Functionality

Currently, PeopleSoft Financial Gateway can import payments via flat files. To enhance this capability, PeopleSoft will predefine a new layout catalog to enable PeopleSoft Financial Gateway to import a flat file to cancel a payment.

This new layout PAYCANEIP is used to import payments. It will be used to import the file to cancel a payment using the message PAYMENT_CANCEL. The transformation will use the PMT_CAN_PMT Application Engine program. A new class TR_FORMAT.PaymentImport.CancelPaymentFile will take the payment cancel data and transforms them to the PAYMENT_CANCEL Message structure to load into PeopleSoft Financial Gateway.

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Enhance Book to Bank Reconciliation

Reconciliation is critical to an organization's compliance and control structure. Customers need to reconcile the ledger balances to bank balances. Book-to-Bank Reconciliation is a high-volume process that was introduced in PeopleSoft Cash Management 8.8.

Book-to-Bank Reconciliation compares bank-reported balances in the bank statement to the system's general ledger balances for a specified fiscal period. The Book-to-Bank Reconciliation functionality currently integrates with General Ledger, Payables, Receivables, and Treasury. In Release 9.1, we plan for the Book-to-Bank Reconciliation functionality to include transactions from the Expenses module through Payables. To improve performance of this high-volume process, we plan to rebuild the Book-to-Bank process in Application Engine.

New Functionality

Book-to-Bank reconciliation is an on-line process performing data extraction and calculations for large amounts of data at the component level. Release 9.1 will enable you to use the new Book to Bank Reconciliation Details page to compare the bank statement transactions with the system transactions that are derived from the general ledger and its source systems. In addition, the system transactions for reconciling book to bank will now include Expense transactions paid through the PeopleSoft Payables PayCycle.

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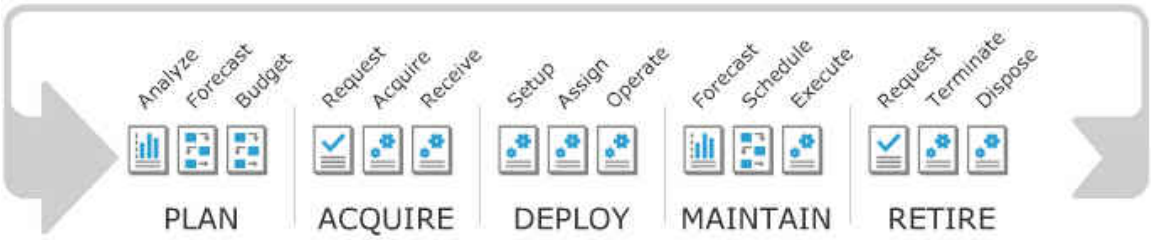
Plan to Retire Business Process Overview

The Plan to Retire business process spans from the initial planning and budgeting for assets to the end-of-life disposal of them. Whether the lifecycle of a particular asset spans three or thirty years of operational life, flexible processes and sophisticated tools are required to manage it. Effective management of the enterprise's portfolio of physical assets requires access to information from the entire lifecycle. The Asset Lifecycle Management (ALM) solution, coupled with the existing PeopleSoft Enterprise Financials and Supply Chain solutions, offer the business analytics, tools, and processes needed to enable intelligent decisions and efficient business process execution.



Plan to Retire Business Process

The Plan to Retire business process is composed of five main phases:

- In the Plan phase, the organization prioritizes asset needs and utilization based on corporate objectives. PeopleSoft Enterprise financial and project planning solutions, in conjunction with ALM, enable organizations to collect asset requirements and performance information; forecast asset requirements; assess requirements against current capabilities; and establish plans and budgets for acquiring, building, repairing, and disposing of assets in accordance with the organization's strategic objectives.
- The Acquire phase facilitates different acquisition processes depending upon asset needs defined in the planning process. The PeopleSoft Enterprise ALM solution enables the organization to purchase, lease, construct, repurpose, and renovate assets in the Acquire phase. Combined with PeopleSoft project management and document management tools, PeopleSoft Enterprise ALM delivers comprehensive construction management capabilities.

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- The Deploy phase focuses on minimizing startup time and complexity of making assets operational. Whether deployment spans selection of contractors through construction for real estate and facilities, setup, configuration and test verification for IT assets, or rebuilds, insurance certifications, and warranty management for major equipment; ALM, coupled with the PeopleSoft Enterprise Services Automation solution, provides the tools to complete the job. Additionally, the solution enables the assignment of assets to users before deployment, which ensures that users have the tools they need to perform their jobs. This solution also provides insight into the current usage to enable informed decisions about how to allocate assets.
- The Maintain phase includes operating and depreciating assets; planning, scheduling, and executing maintenance activities; capturing and analyzing maintenance and operations data and costs; and forecasting maintenance requirements. The integrated PeopleSoft Enterprise ALM solution enables your organization to establish and manage maintenance budgets, schedules, and work to minimize downtime and optimize the utilization of key assets. Furthermore, the solution addresses the need for efficiently managing property leases, IT software, and IT hardware by offering tools that cater to the unique requirements of real property and IT assets.
- The Retire phase allows the expeditious disposal or sale of assets that no longer meet performance targets that were set in the planning phase for specific asset types.

PeopleSoft Enterprise ALM applications leverage the PeopleSoft Enterprise Asset Management application as their foundation. Asset Management provides a common asset repository, which is a single source of truth for all financial and operations data related to assets.

The ALM solution includes three products that focus on significant asset management categories: IT Asset Management (ITAM), Maintenance Management (MM), and Real Estate Management (REM).

Organizations are realizing significant cost savings and improved planning capabilities through integration of the entire asset lifecycle. ALM applications combine information to integrate planning, acquiring, operating, leasing, maintaining, and renewing assets. From sourcing and procurement through capitalization, financial and operations management, and write off, out-of-the-box enterprise integration links all business functions for complete asset visibility and control. We plan for numerous 9.1 ALM enhancements to deliver on the PeopleSoft Release 9.1 application themes of Flexibility, Intelligent Business Execution, and Organizational Effectiveness.

For the Plan to Retire business process, the following sections describe the new ALM features and enhancements that are planned for in Release 9.1.

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Asset Management 9.1

PeopleSoft Enterprise Asset Management is a critical component of the Plan to Retire business process. It provides enterprise-wide integration across the PeopleSoft application suite to improve asset visibility, facilitate global compliance and reporting, and lower your cost of ownership.

PeopleSoft Asset Management enables you to more effectively track physical and financial assets while meeting reporting requirements. Integrating with other PeopleSoft applications automates the asset lifecycle to reduce processing errors and increase processing efficiencies. You can track physical attributes, calculate depreciation, record tax and insurance requirements, and budget for future acquisitions of organizational assets.

Accurate and efficient processing of capital assets is vital to proper balance sheet presentation and determining the most favorable depreciation schedule for both corporate and statutory reporting. PeopleSoft Asset Management provides a comprehensive framework to track and record an organization's capital or fixed assets. All events affecting the financial recognition of assets are tracked for the entire life of the asset to maintain accurate financial records that are automatically posted to the ledger.

PeopleSoft Asset Management forms the central asset repository for the fully integrated Asset Lifecycle Management solution and integrates with other PeopleSoft Enterprise Financial Management and Supply Chain Management solutions. This creates a single source of truth for all your assets, from IT equipment and software licenses to heavy equipment and machinery, vehicles, and facilities and property data. This information is easily accessible throughout the life of your assets, enabling control and consistency across your business. PeopleSoft Enterprise Asset Management also efficiently leverages your other PeopleSoft applications, delivering accurate, real-time data so you can truly maximize the return on all your assets.

Streamlined Financial Processes

The following Release 9.1 enhancements focus on streamlining financial processes:

- Retirements Option Enhancements
- Capitalization Thresholds
- Group Asset Enhancements
- Enhanced Interunit Transfers

Retirement Option Enhancements

In prior releases, retirement options were only available online at the time of retirement of an asset. It is important that retirement option setup be more flexible and available for online and batch processing.

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New Functionality

PeopleSoft Asset Management 9.1 provides the following retirement option enhancements:

- Retirement option can be configured at the asset profile and asset book level (Asset Profile – Depreciation page, Asset Profile Changes in Mass, and Book Definition - Depreciation page) as well as the asset level.
- Retirement option is available on various online transaction pages (Express Add - Depreciation Information page, Child Asset RET Overrides page, and Define Inventory Occurrence page), batch, and disposal worksheet.
- Allocation of proceeds and removal costs when child assets are disposed together with their parent facilitates more accurate reporting of parent and child asset retirement activity.

Capitalization Thresholds

Automating the classification of expense, capital and non-capital assets based on their cost is key to streamlining Asset Management financial processes.

New Functionality

The Capitalization Threshold feature enables organizations to automate the categorization of assets as capital, non-capital, or expense based on the cost of an asset. Asset additions and adjustments are validated against conditions that are defined for capitalization, physical tracking and expense. The system automatically catalogues the capitalization status for batch and online asset additions.

Capitalization Thresholds are enabled at the installation and business unit levels and defined by asset profile. PeopleSoft Asset Management 9.1 provides the following with this feature:

- Online and batch processing of capitalization thresholds.
- Processing for adjustments to the asset original cost.
- Balancing of potential clearing account with other feeder systems.
- Reports and audit trails to facilitate the control of these transactions.

Group Asset Enhancements

The Group Asset functionality is commonly used by the energy industry. PeopleSoft Asset Management 9.1 further expands the group asset capability to accommodate a wider range of asset-intensive industries and their business requirements.

New Functionality

PeopleSoft Asset Management 9.1 provides the following group asset enhancements:

- Ability to perform interunit transfers from regular assets to group assets.

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- Extension of parent/child functionality to group assets.
- Capability to override the estimated accumulated depreciation at the member level on certain transactions.
- Improvement of net book value storage for member assets.

Enhanced Interunit Transfers

The Interunit Transfer enhancements for Asset Management 9.1 provide greater efficiency.

New Functionality

PeopleSoft Asset Management 9.1 provides the following Interunit Transfer enhancements:

- Interunit transfers across business units with different base currencies when you use the InterUnit Transfer action. The Interunit Transfer Definition and the Asset Cost IU Book Transfer page allow multicurrency transfers. The programs are modified to include the correct accounting entries for these transfers.
- Select the option to use the asset's remaining life (or full life) when performing interunit transfers using the ADD action (RET/ADD).

Global Compliance and Controls

The following Asset Management 9.1 enhancements advance the PeopleSoft global compliance and control initiatives:

- Investment Property – IAS 40
- Fair Value Measurement – FAS 157
- Bonus Depreciation – American Recovery and Reinvestment Act of 2009
- Japanese Tax Reform
- French Value Added Tax (VAT)
- VAT Reverse Charge
- Financials Audit Framework
- Extended Attachment Capabilities
- ChartField Security
- Combination Editing

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Investment Property – IAS 40

In accordance with International Accounting Standards (IAS 40), PeopleSoft Asset Management 9.1 facilitates the administration of investment properties that are stored in the Asset Repository.

New Functionality

To help organizations comply with IAS 40, PeopleSoft 9.1 provides:

- Ease of investment property identification.
- Accounting entry templates for investment property.
- Reporting capabilities.

Ease of Investment Property Identification

To identify investment property, PeopleSoft Asset Management 9.1 provides new fields, Investment Property and Property Interest fields on the Category page. Also, new fields are included on the Business Unit/Book Feature page for Investment Property, Inv Property Trans Code, and new value for revaluation method.

Accounting Entry Templates for Investment Property

A new Accounting Entry template and Distribution Type, IX, is used for Investment Property Accum Adjustments for non-depr categories. This replaces PR and DE Distribution Types for this category.

Reporting Capabilities

New fields have been added to the Asset Management Units/Books report (AMBU1000) and Asset Categories report (AMAS1100).

Fair Value Measurement – FAS 157

Financial Accounting Standards (FAS) 157 establishes a framework for measuring the fair values of assets and liabilities and how to disclose them for the financial statements. It is effective for financial statements issued for fiscal years beginning after November 15, 2007.

New Functionality

Asset Management 9.1 continues to support the existing fair value processing for international customers while providing the following solution in compliance with FAS 157:

- New standardized parameters when loading and capturing fair values to comply with FAS 157, include:
  - New fields and prompts to the Fair Value (formerly FMV) page.
  - Modification of existing fair value processing for revaluation, impairment, and leases.
  - New setup pages for new fields and fair value template.

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- New reports that facilitate the disclosure of fair values:
  - Fair Value Activity report in summary and detail modes.
  - Fair Value Detail report in summary and detail modes.

Bonus Depreciation – American Recovery and Reinvestment Act of 2009

PeopleSoft Asset Management 9.1 accommodates the American Recovery and Reinvestment Act of 2009, which permits a first-year bonus depreciation deduction of 50 percent of the adjusted basis for qualifying property acquired and placed in service after December 31, 2008 and before January 1, 2010 (before January 1, 2011 for certain longer-lived property).

New Functionality

Set up asset profiles (Asset Profiles – Tax page) for the new depreciation by applying the new depreciation bonus to profile IDs or manually apply the new depreciation bonus at the asset level, one at a time, using the Depreciation Bonus field.

This functionality has been extended to PeopleSoft Asset Management releases 9.0 and 8.9. For more detail, refer to "PeopleSoft Enterprise Asset Management 9.0, 8.9, and 8.8 SP1 Documentation Update for Bonus Depreciation: American Recovery and Reinvestment Act of 2009," which is posted on My Oracle Support.

Japanese Tax Reform

Japanese companies must comply with new Japanese tax reform legislation.

New Functionality

PeopleSoft Asset Management 9.1 provides:

- New depreciation methods for assets acquired on or after April 1, 2007.
- A new depreciation method, Japan Extended Straight Line, for assets acquired before April 1, 2007 and that are fully depreciated using the J1 or J2 methods.
- A memorandum price that is handled at the business unit level to be used in the calculation for the new depreciation methods.
- An Extended Depreciation Worksheet to apply the extended depreciation calculation after reaching the depreciation limit for existing depreciation methods as well as the ability to identify candidate assets that qualify for extended depreciation.

This functionality has been extended to PeopleSoft Asset Management releases 9.0, 8.9, 8.8, and 8.4. For more detail, refer to "PeopleSoft Enterprise Asset Management 9.0, 8.9, 8.8 and 8.4 Documentation Update: Implementing Japanese Tax Reform Depreciation Changes," which is posted on My Oracle Support.

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French Value Added Tax (VAT)

The French legislation, Decrete Nº 2007-566, was effective as of January 1, 2008. French financial services companies use the VAT Use Type and the VAT Apportionment to store the temporary recoverable VAT at asset purchase time. In some cases, the recoverability of VAT is not definite and the final base is unknown until the end of the period.

New Functionality

To comply with the new requirements, PeopleSoft 9.1 provides for the calculation of recoverability adjustments to register the gap between the temporary and final VAT recoverability at the end of the year, as well as access to auditable data. The apportionment represents the product of three recoverability coefficients and the adjustments to the recoverable VAT amounts are recognized when final recoverability data reflects a significant difference from the estimated ratios used to determine recoverability.

This functionality has been extended to PeopleSoft Asset Management releases 9.0 and 8.9. For more detail, refer to "PeopleSoft Enterprise Asset Management 9.0 and 8.9 Documentation Update: French Value Added Tax (VAT)," which is posted on My Oracle Support.

VAT Reverse Charge

The domestic reverse charge applies to sales of certain goods if the specified goods are purchased by a VAT-registered business for business purposes. Sales to nonbusiness customers are unaffected by the provision, in which case normal VAT rules apply.

Under the domestic reverse charge procedure, the commercial purchaser of the specified goods is liable to the taxing authority for the tax rather than the seller. However, both seller and purchaser must report the VAT on the sale in the specified manners.

New Functionality

To comply with the new requirements, PeopleSoft 9.1 Asset Management provides for the calculation of VAT Customer Amount (Reverse Charge) during the retirement by sales process. This VAT Customer Amount is recorded and posted to Billing to generate the Billing invoice.

For more information, see Extending the Global Reach, Global Compliance and Controls, Reverse Charge VAT.

Financials Audit Framework

The introduction of the Financial Audit Framework will enable improved audits and controls (audit logging) for transactions related to the AM_ASSET document.

New Functionality

Asset Management audit trails can be registered for events ranging from Asset Adds, Cost Adjustments and Transfers, Depreciation, Retirements and Reinstatements, Interunit Transfers, Re-categorizations, Asset Copy, and Revaluation.

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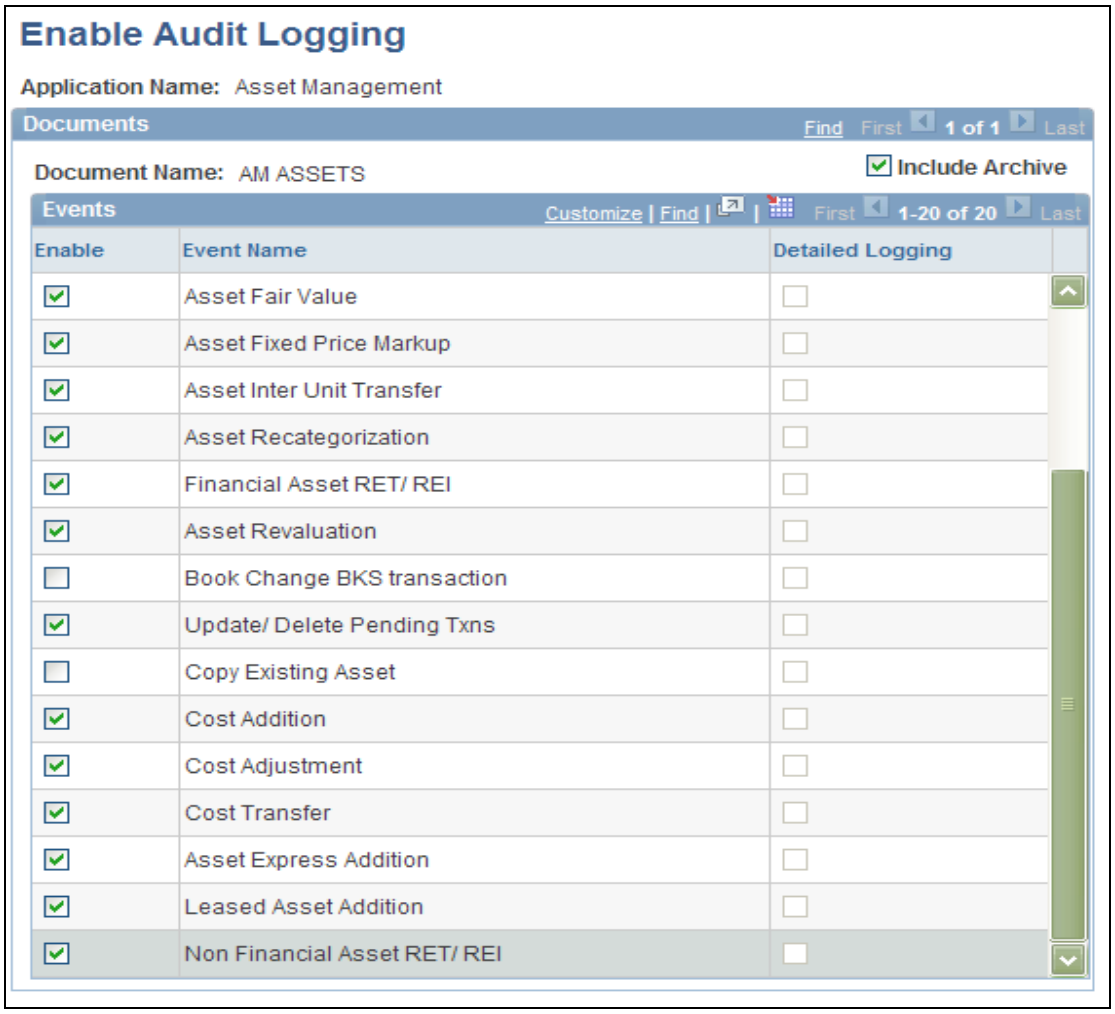
To enable audit logging capabilities for Asset Management events, access the Enable Audit Logging page (Setup Financial/Supply Chain, Common Definitions, Audit Logging, Enable Audit Logging, Enable Audit Logging):



Enable Audit Logging page

Select the events that you want to track. Once enabled, you can search for audit logs using the Search Audits Logs page and can delete audit logs using the Purge Audit Logs page.

Access the Search Audit Logs page to access the audit log for an asset ID by business unit (Setup Financial/Supply Chain, Common Definitions, Audit Logging, Search Audit Logs, Search Audit Logs):

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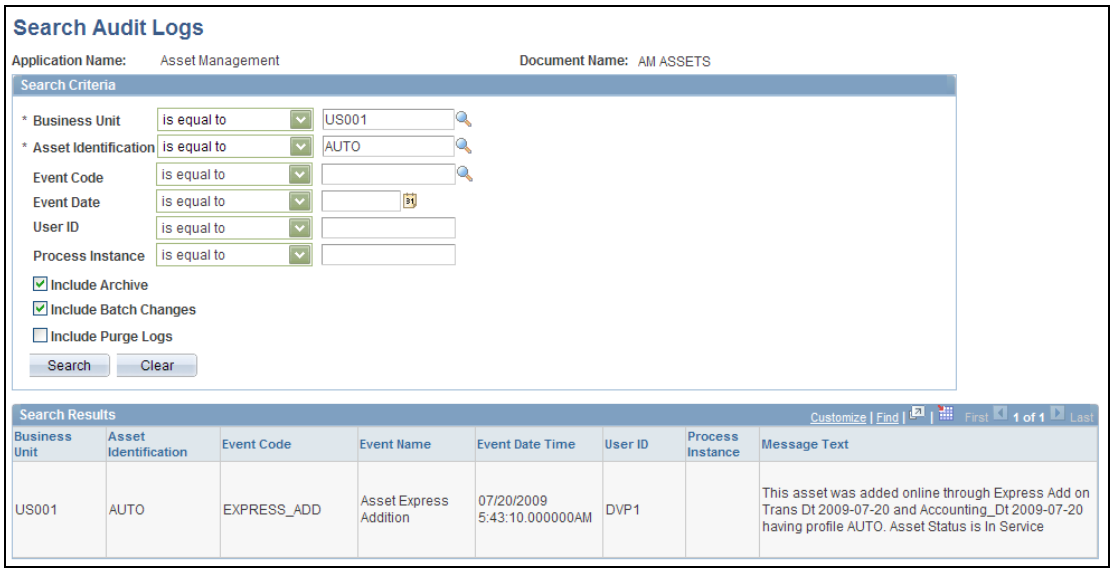

Search Audit Logs page

You can also access the audit log for a given asset by clicking the Audit Logs link on the transaction pages, such as the Basic Add – General Information page. . The search result, by default, returns the audit trail for that particular asset.

Extended Attachment Capabilities

Extended attachment capabilities provide the ability to view supporting documentation from the same location as the financial transactions.

New Functionality

PeopleSoft Enterprise FSCM Release 9.1 extends the capability of attaching supporting documentation to Asset Management Additions.

This functionality leverages the SCM attachment architecture, which uses the standard tools attachment built-in functions, provides a server setup and maintenance page for server information, and relies on an Application Class to manage uploading and downloading the attachments using the server information from the setup page.

Access the Basic Add – General Information page (Asset Management, Asset Transactions, Owned Assets, Basic Add, General Information):

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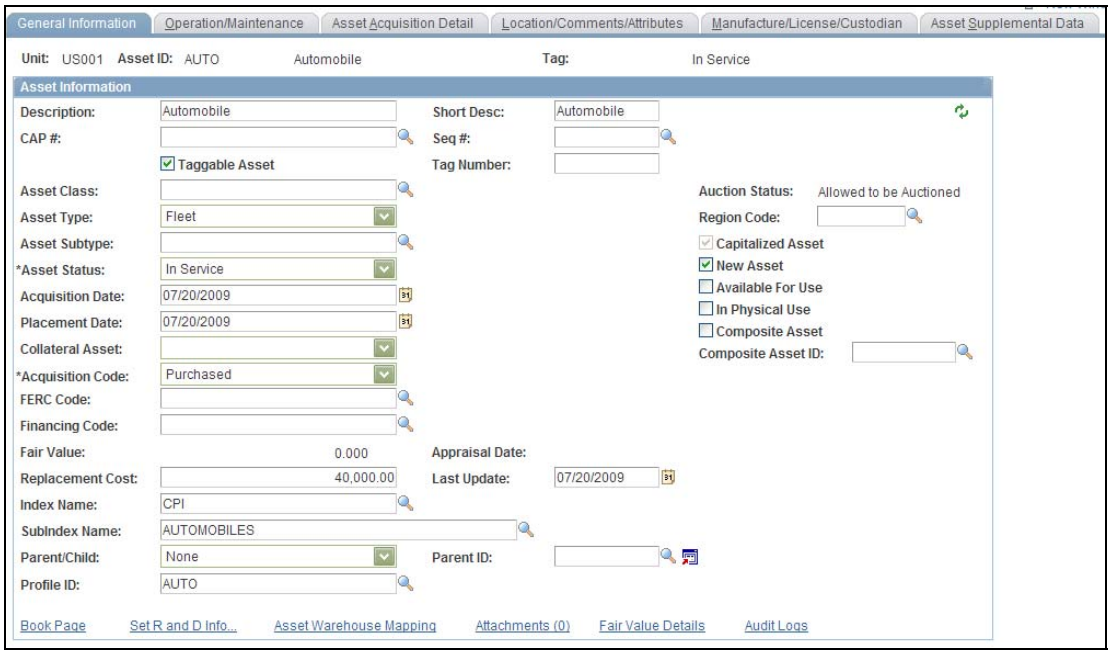
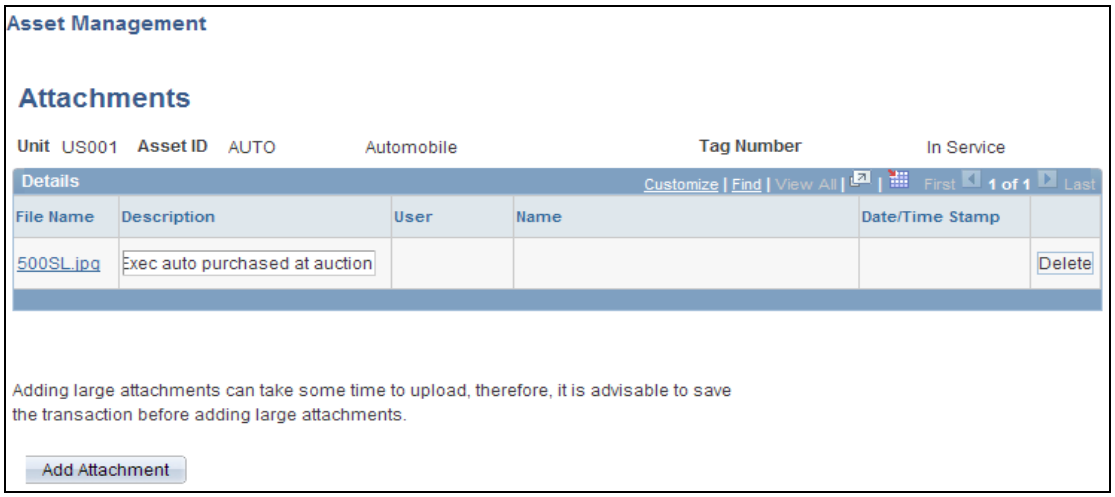


Basic Add – General Information page

Click the Attachments link to access the Asset Management - Attachments page:



Asset Management - Attachments page

If a component already has the ability to add attachments prior to the application of the new attachment architecture (such as the Attachments page in the Basic Add component), there will be an upgrade impact.

For more information, consult the PeopleSoft Upgrade documentation located in My Oracle Support.

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ChartField Security

ChartField Security provides the means by which to restrict online user access to Asset Management transactions that are associated with unauthorized ChartField values as defined for Asset Management components.

New Functionality

In addition to PeopleSoft PeopleTools security and product specific security, you can enable another, more specific, layer of security called ChartField Security.

ChartField Security provides a flexible framework for configuring and maintaining data-level security. You can enable or disable ChartField Security by product. You can also control access by user ID, role or permission list. When enabled, ChartField Security prevents user access to:

- Online transactions with unauthorized ChartField values.
- Accounting data with unauthorized ChartField values in inquiry components.
- Unauthorized ChartField values during data entry.

Control access for up to two ChartFields for specific high-exposure entry functions and most inquiry functions. You can leverage PeopleSoft tree nodes and ranges, permission lists, and roles to configure security rules.

You can enable Chartfield Security for the following components within Asset Management:

AM Component	Description	Type
AM_DISPOSAL_WKSHT	Disposal Worksheet	Transaction
AM_EXTENDED_DEPR	Extended Depreciation	Transaction
AM_GL_DRILL	Journal Drilldown	Inquiry
AM_IMPAIR	Impairment Worksheet	Transaction
AM_REPORTING	Cost and Depreciation Summary	Inquiry
AM_REVALUE	Asset Revaluation	Transaction
ASSET_CONSOL	Consolidate Asset Transactions	Transaction
ASSET_DIST	Asset Accounting Entries	Transaction
ASSET_ENTRY	Express Asset Add	Transaction
ASSET_NF_DIST	Review Expense Entries	Inquiry
ASSET_PRINT	Printable View of Asset	Inquiry
ASSET_SEARCH	Search for an Asset	Inquiry
ASSET_UNIT	Unitize Asset Transactions	Transaction
BASIC	Asset Basic Information	Transaction
BASIC_PARENT_CHILD	Parent-Child Basic Update	Transaction
BD_CAP	Capital Acquisition Plans	Transaction
COPY_ASSET	Create Asset Copies	Transaction

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COST_BAL	Asset Cost Adjust/Transfer	Transaction
COST_HISTORY	Asset Cost History	Inquiry
DEPR_ACCUM_ADJ	Depreciation Reserve Adjustment	Transaction
DEPR_HISTORY	Asset Depreciation	Inquiry
DEPR_PARCHILD_NBV	Parent-Child Net Book Value	Inquiry
DEPR_SUM_HISTORY	Depr Summary by Cost Type	Inquiry
INF_INQ	Inquire Inflation Information	Inquiry
INTFC_FIN	Load Preview Financial	Transaction
INTFC_FINPHY_SS	Intfc Fin Spreadsheet Software	Transaction
INTFC_PRE_AM	Load Preview Pre_AM	Transaction
LEASE	Asset Leases	Transaction
LEASE_ENTRY	Lease Express Add	Transaction
LEASE_OPER_TFR	Operating Lease Transfer	Transaction
NF_DIST_LN	Non-Financial Distribution	Transaction
NON_CAP_COSTS	Non-Capitalized Costs	Transaction
PEND_TRANS_UPD_DEL	Asset Pending Txns Update/Del	Transaction
RETIRE	Retirement and Reinstatement	Transaction
WHAT_IF_DEPR	What if Depreciation Inquiry	Transaction

For details on ChartField Security setup, see “Cross-Pillar Enhancements, ChartField Security.”

Secure specific components within each product using the Component Registry - Secured Components page (Set Up Financials/Supply Chain, Security, ChartField Security, Register Components, Secured Components):

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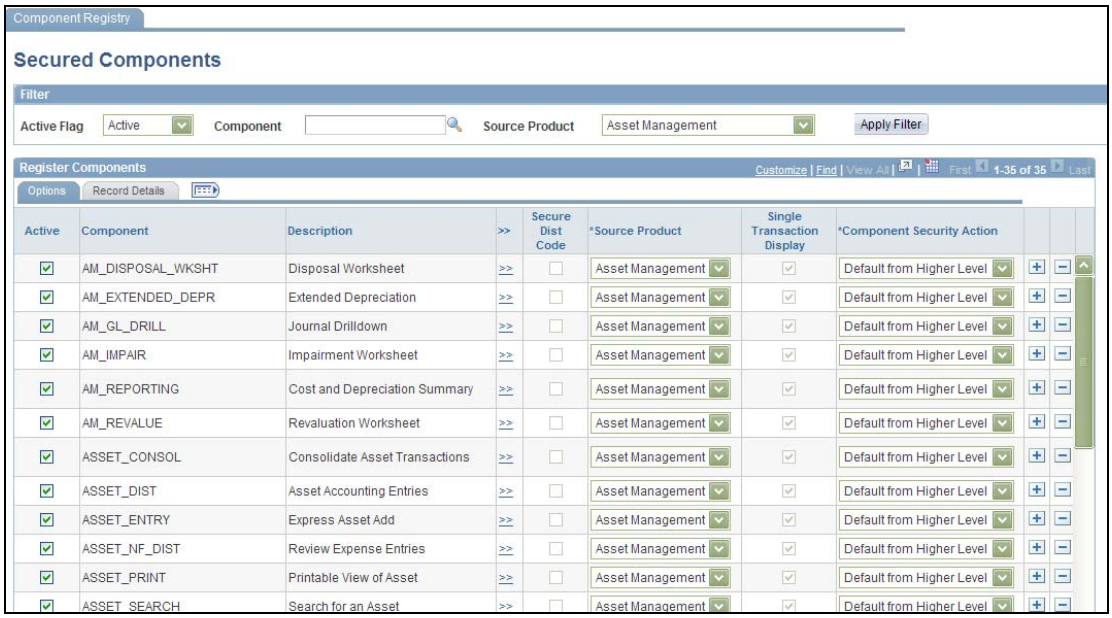

Component Registry - Secured Components page

Combination Editing

PeopleSoft Asset Management 9.1 performs combination editing to identify and correct invalid ChartField combinations within Asset Management before accounting entries are sent to PeopleSoft General Ledger.

New Functionality

Asset Management leverages the existing common setup for valid and invalid ChartField combinations and is consistently applied to all transactions that generate accounting entries for General Ledger. ChartField combination editing is applicable for books that are associated with a GL ledger.

Set ChartField combination editing options at the business unit/book level. These settings are applied when you save certain online components, at which time the ComboEdit processor is invoked (FS_COMBO_EDIT). If the ChartField combination fails validation, an error message is displayed. Depending upon the combo edit options settings, the page may be saved with errors, rejected, or bypass combination editing.

Asset Management transactions that employ combination editing include ExpressAdd, Basic Add, Copy Asset, lease transactions, Update Non-Capitalized Cost, Cost Adjust/Transfer Asset, and Retirements and Reinstatements

A new page displays all the combination edit errors and you can easily return to the transaction information to make necessary changes, if needed. In batch mode, the Transaction Loader Application Engine process (AMIF1000) is modified to perform Combo Edit validation prior to loading transactions. This check is similar to the error checks that are currently done in AMIF1000 before the loading process is performed.

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Integrated Performance Management

The following Asset Management Release 9.1 enhancements advance the PeopleSoft integrated performance management initiatives:

- Enhanced Leased Asset Functionality
- Depreciation Calculation Process Improvements
- Enhanced Consolidation Usability
- Physical Inventory Functionality for Non-capitalized Assets
- Transaction Loader Improvements
- Cost and Depreciation Report Enhancements
- Navigation Restructuring

Enhanced Leased Asset Functionality

Enhanced leased asset functionality enables the automation of lease payments via PeopleSoft Payables and the generation of accrual payment schedules for regular leased assets.

New Functionality

This feature provides a robust integration between PeopleSoft AM lease payments and PeopleSoft Payables in order to automatically generate vouchers for lease payments that are calculated in Asset Management, including both capital and operating leases. In addition, the lease payment schedule segregates the principal and interest of each payment and is used by the AMDPCLOS process to generate the payment accounting entries.

Set up new Lease Payments options for the lease integration with Payables at the business unit level. This is accomplished on the Interface Options page of the Asset Management Definition component:

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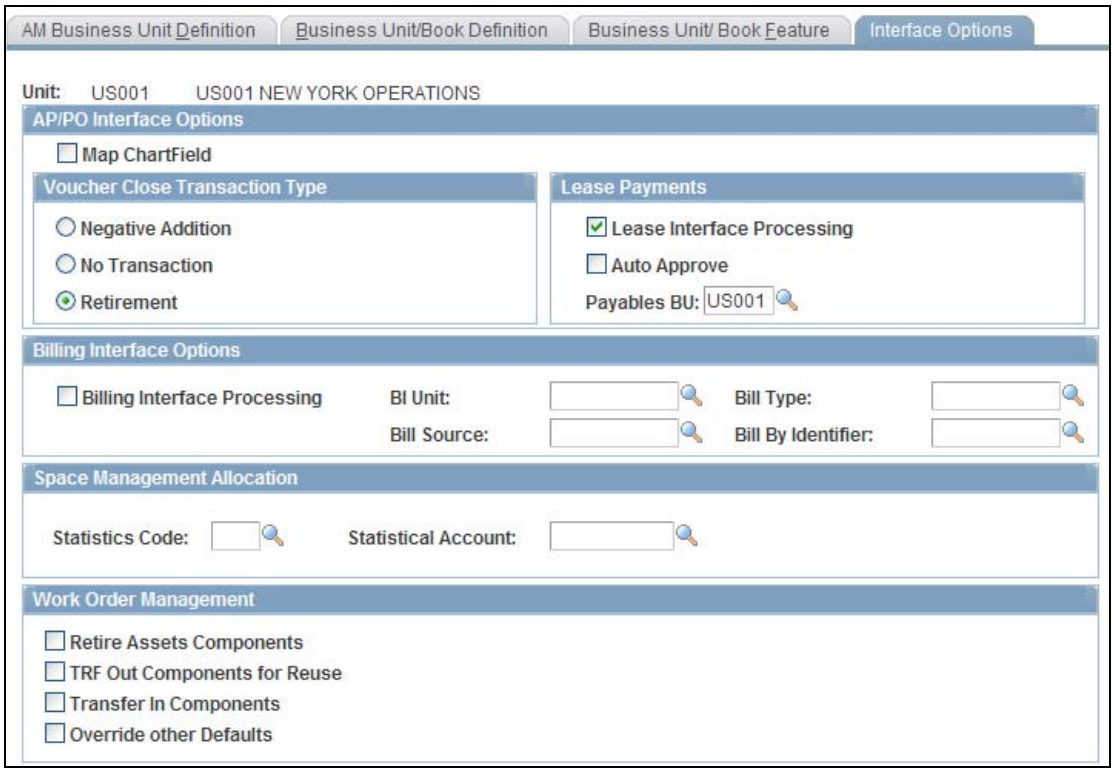

Asset Management Definition – Interface Options page

Select the Lease Interface Processing options to enable the lease payment integration for the AM business unit and enter the default Payables business unit. You can also select to allow automatic approval of lease payments.

New pages for this integration include:

- Payables Integration page within the Leased Assets component – integration information by asset.
- Review Payments page – review payment date, integration status, and AP information for lease payments that are selected for Payables integration. If any information needs modification, you can use the Update Lease Information component.
- Approve Payments page – approve pending lease payments to Payables.
- Lease Payments to Payables page – upload payments to be processed to Payables.
- AM/AP Payment Reconciliation – Reconciliation Report.

Asset Management generates the associated accrual accounting entries and can be allocated monthly, in accordance with GAAP. The Lease Interest Contra and Lease Obligation Contra accounts must be established as clearing accounts, which will be offset by the AP voucher entries.

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Depreciation Calculation Process Improvements

The Depreciation Calculation program (AMDPCALC SQR) is extremely large, which can cause performance issues. Improvements to the depreciation calculation process for Asset Management 9.1 provide performance gains.

New Functionality

PeopleSoft Asset Management 9.1 modifies the Depreciation Calculation program as follows:

- Local Depreciation Methods and Global Depreciation Methods are split into two separate processes.
- Reduced number of PROGLINEPARS that are processed at once to avoid exceeding the processing limit.

Enhanced Consolidation Usability

Enhanced consolidation usability improvements offer more flexibility when selecting interface rows for consolidation.

New Functionality

Search criteria are expanded to include business unit and permit the use of combined key selection. This means that the data retrieval understands combined keys; for example, to select by receiver line, you specify first the business unit and the receiver ID.

Physical Inventory Functionality for Non-capitalized Assets

Physical inventory functionality is extended to include non-capitalized assets. It is also enhanced to allow integration with third-party physical inventory tools using web services.

New Functionality

The Asset Management Physical Inventory feature uses flat files to exchange data with the third party vendor. The SQR program AMPI1000 extracts, in a flat file, the details of the assets that need to be inventoried. It receives the results of the physical inventory in a flat file. This flat file is then loaded in the database table using the same SQR.

This feature is expanded to include the following improvements:

- Extends the capability to noncapitalized assets; namely, noncapital assets and operating lease assets.
- Provides the ability to transfer and retire noncapital assets and operating lease assets.
- Provides more filtering criteria to limit the inventory size to more manageable levels. Filtering criteria include profile, cost, category, class, asset type and asset subtype (in addition to the usual department and location criteria).

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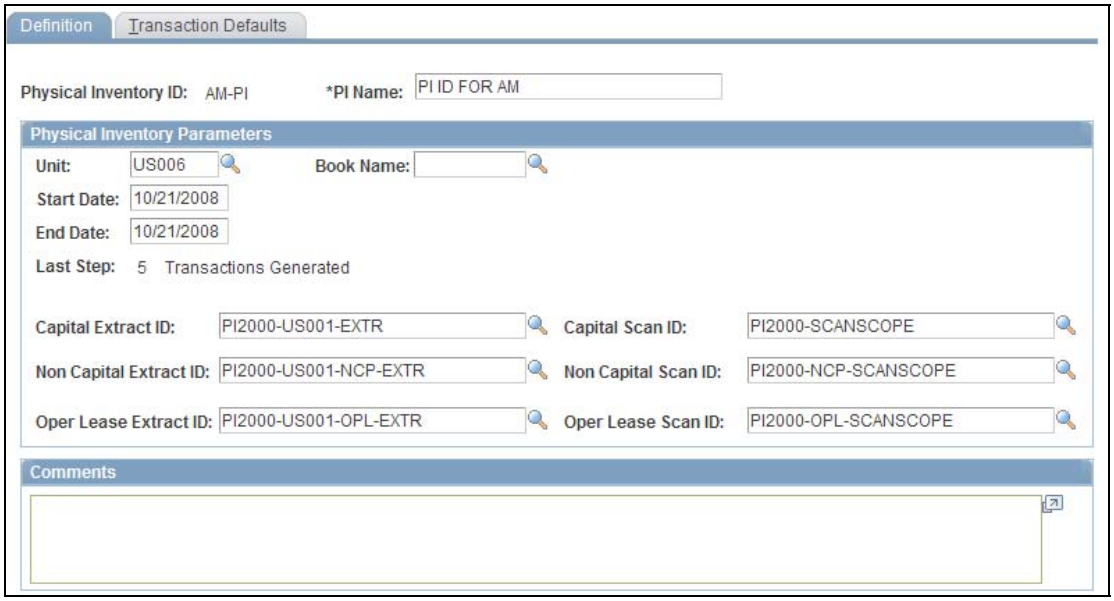
- Provides the ability to input the scanned inventory data into PeopleSoft Asset Management through component interface.

Access the Physical Inventory Control - Definition page (Asset Management, Physical Inventory, Define Inventory Occurrence):



Physical Inventory Control - Definition page

The Physical Inventory Control page extends the process to include non-capital and operating lease assets.

The book name that you supply on this page is used to process assets for physical inventory that were added to a book other than the one that is designated as the current default book value on the AM Business Unit Definition page. If you leave the Book Name field blank, the system uses the current default book value from the AM Business Unit Definition page. This way, if you change your designated default book value, you can create a separate Physical Inventory ID to process those assets in physical inventory that were added with the old default book value.

See “PeopleSoft Enterprise Asset Management 9.0, 8.9, and 8.8 Documentation Update: Physical Inventory.”

Transaction Loader Enhancement

PeopleSoft Asset Management 9.1 provides more control over the interface rows that are processed by the Transaction Loader.

New Functionality

Improvements to the Transaction Loader process include business unit as a selection criterion on the Transaction Loader run control page. For InterUnit Transfers, if you filter by business unit, both sides of the transfer are selected because AMDPCALC needs the two parts to run properly.

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Cost and Depreciation Report Enhancements

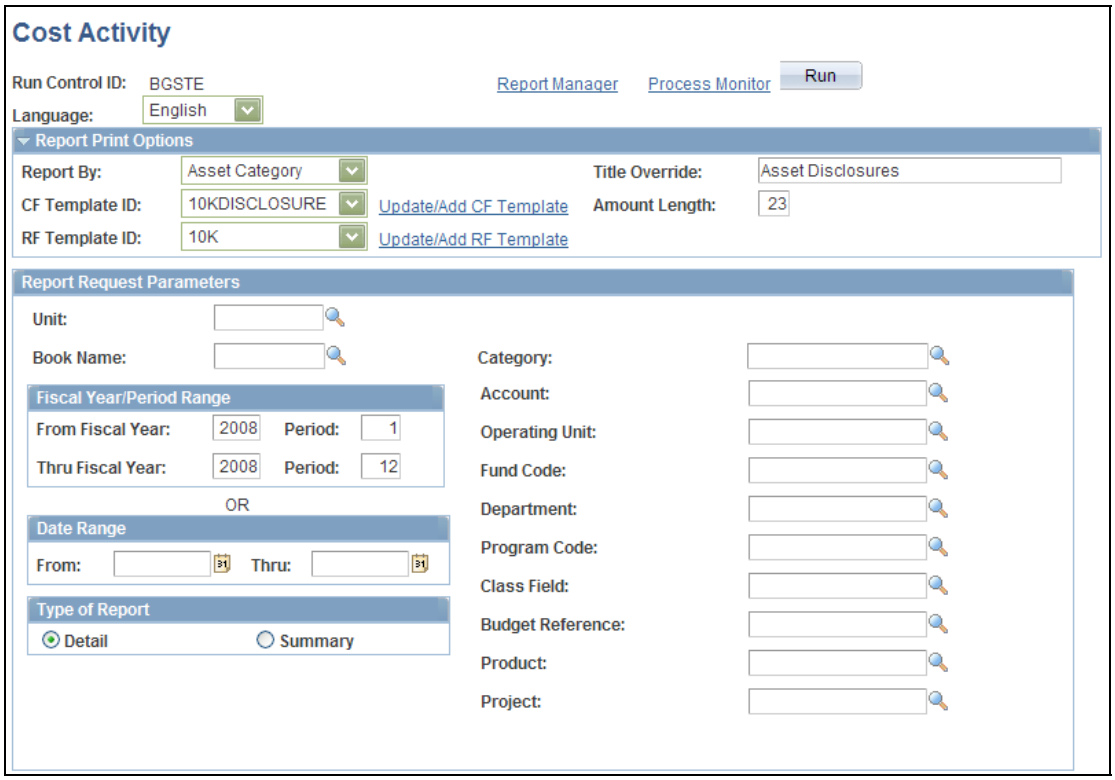
Many of the standard reports provided by Asset Management have historically been predefined and inflexible with respect to length of description fields and cost and amounts fields as well as field placement. PeopleSoft Asset Management 9.1 provides the ability to control the formatting and layout of the standard reports.

New Functionality

PeopleSoft Asset Management 9.1 provides the following cost and depreciation report enhancements:

- ChartField Format Template - Specify ChartField order, display length, label override, and print subtotals by selected ChartFields.
- Report Fields Format Template - Specify cost and information fields to print.
- Report Print Options group box for cost and depreciation report request pages.

Access the Cost and Depreciation reports run control pages (Asset Management, Financial Reports, Cost and Depreciation):



Cost and Depreciation - Cost Activity run control page

Use the Report Print Options group box to override the report title, specify the amount length, the Report By ChartField, and create and select the ChartField Format Template and the Report Formats Template.

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The following reports are modified to incorporate the new Fields Report Print Options Template:

- Cost Activity Report (AMAS2000)
- Depreciation Activity Report (AMDP2000)
- Asset New Book Value Report (AMDP2100, AMFR2120)
- Asset Reclassifications Report (AMAS2400)
- Asset Transfer Report (AMAS2300)
- Asset Acquisitions Report (AMAS2100, AMAS2110)

Navigation Restructuring

Asset Management 9.1 delivers a more intuitive and efficient portal registry structure. Some descriptions and parent folders are changed from prior release to provide more meaningful classification.

New Functionality

The following table displays the Asset Management 9.1 portal registry changes for each component as compared with the prior release. Some are navigation changes, some merely description changes, or both:

AM Component	9.1 Portal	9.0 Portal
AGENCIES	Set Up Financials/Supply Chain, Product Related, Asset Management, Physical Definitions	Set Up Financials/Supply Chain, Product Related, Asset Management, Profiles
ACCOUNTING ENTRY TEMPLATE IDs ACCOUNTING ENTRY TEMPLATES ACCOUNTING TEMPLATES IN MASS ACCT TEMPLATE BOOK CODE UPDATE ALLOCATION BASIS DEFINTION BOOK CODE DISTRIBUTION GROUP CHARTFIELD MAPPING TEMPLATE DOCUMENT TYPE TEMPLATE	Set Up Financials/Supply Chain, Product Related, Asset Management, Accounting	Set Up Financials/Supply Chain, Product Related, Asset Management, Financials
AREA DEFINITION	Set Up Financials/Supply Chain, Product Related, Asset Management, Physical Definitions	Set Up Financials/Supply Chain, Product Related, Asset Management
CAPITALIZATION SUMMARY REPORT	Asset Management, Financial Reports	Asset Management, Asset Transactions, Financial Transactions
CGU DEFINITION	Cash Generating Unit Definition	CGU Definition

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CGU IMPAIRMENT	Cash Generating Unit Impairment	CGU Impairment
CLEARING RECONCILIATION	Asset Management, Accounting Entries	Asset Management, Asset Transactions, Financial Transactions
CRITICALITY CODES	Criticality Codes	Criticality Code
FAIR VALUE	Fair Value	Fair Market Value
FERC CODE	Set Up Financials/Supply Chain, Product Related, Asset Management, Financials	Set Up Financials/Supply Chain, Product Related, Asset Management
	Asset Management, Asset Definitions Center, Financing Information	Asset Management, Asset Definitions Center, Asset Controls
LOCATION DEFINITION	Set Up Financials/Supply Chain, Product Related, Asset Management, Physical Definitions	Set Up Financials/Supply Chain, Product Related, Asset Management
HAZARDOUS CODES	Set Up Financials/Supply Chain, Product Related, Asset Management, Physical Definitions	Set Up Financials/Supply Chain, Product Related, Asset Management, Financials
ASSET UNIT AGGREGATE RD - AUS	Set Up Financials/Supply Chain, Product Related, Asset Management, Taxes	Set Up Financials/Supply Chain, Business Unit Related, Assets
CAPITAL ACQUISITION PLAN TYPES	Set Up Financials/Supply Chain, Product Related, Asset Management, Financials	Set Up Financials/Supply Chain, Product Related, Asset Management, Profiles
	Asset Management, Asset Definitions Center, Financing Information	Asset Management, Asset Definitions Center, Asset Controls
PAYMENT SCHEDULES	Set Up Financials/Supply Chain, Product Related, Asset Management, Financials	Set Up Financials/Supply Chain, Product Related, Asset Management
INSURANCE TYPES	Insurance Types	Insurance Type
INTERUNIT TRANSFER DEFINITION	Set Up Financials/Supply Chain, Product Related, Asset Management, Financials	Set Up Financials/Supply Chain, Product Related, Asset Management, Profiles
OWNER INFORMATION DEFN. - JPN RETURN INFORMATION DEFN. - JPN	Set Up Financials/Supply Chain, Product Related, Asset Management, Taxes	Set Up Financials/Supply Chain, Product Related, Asset Management
QUALIFIED INVESTMENTS	Set Up Financials/Supply Chain, Product Related, Asset Management, Taxes	Set Up Financials/Supply Chain, Product Related, Asset Management, Financials
RESIDUAL RATE DEFINITION	Set Up Financials/Supply Chain, Product Related, Asset Management, Depreciation	Set Up Financials/Supply Chain, Product Related, Asset Management, Financials
	Asset Management, Asset	Asset Management, Asset Definitions

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	Definitions Center, Depreciation Options	Center, Tax Information
TRANSACTION CODES	Set Up Financials/Supply Chain, Product Related, Asset Management, Financials	Set Up Financials/Supply Chain, Product Related, Asset Management
	Asset Management, Asset Definitions Center, Financing Information	Asset Management, Asset Definitions Center, Asset Controls
TRANSACTION GROUPS	Set Up Financials/Supply Chain, Product Related, Asset Management, Accounting	Set Up Financials/Supply Chain, Product Related, Asset Management

IT Asset Management 9.1

PeopleSoft Enterprise IT Asset Management streamlines and automates the physical, financial, and contractual management of technology assets. PeopleSoft IT Asset Management helps you:

- Control IT costs for licenses, hardware, and service.
- Project and manage the financial impact of reconciling assets.
- Facilitate compliance with Sarbanes-Oxley, Business Software Alliance, HIPPA, and other regulations.
- Together with PeopleSoft Enterprise CRM IT Help Desk, align IT help desk and software service resources with industry best practices.

Whether your organization is a corporation, private business, government entity or educational institution, PeopleSoft IT Asset Management offers a comprehensive solution for reducing hardware and software costs, controlling service expenses, and automating software and regulatory compliance.

PeopleSoft IT Asset Management is a fully-integrated solution for the management of distributed IT assets including software, servers, laptops, desktops and PDAs. PeopleSoft IT Asset Management integrates with the PeopleSoft Financial Management System, PeopleSoft CRM IT Help Desk and third-party discovery tools to automatically reconcile physical and financial IT inventory and report the associated financial impact, redeploy underutilized software, and help organizations meet growing compliance requirements. PeopleSoft IT Asset Management also leverages PeopleSoft Human Capital Management for employee and organizational information so that you can ensure the employee data that is associated with an asset is the same data that resides in your human resources system.

Global Compliance and Controls

The following IT Asset Management 9.1 enhancements advance the PeopleSoft global compliance and control initiatives:

- Manage Exceptions Enhancements

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- Audit History for Manage Exceptions and Assets Not Reporting
- Software Effective-dating
- Capture Non-financial IT Assets
- Workflow Enhancements

Manage Exceptions Enhancements

IT asset managers need to be able to handle the most pressing exceptions quickly. Some exceptions may not be as material or time-sensitive as others. In these cases, an IT asset manager may want to ignore certain exceptions for a designated period of time and be alerted with those exceptions requiring more immediate action.

New Functionality

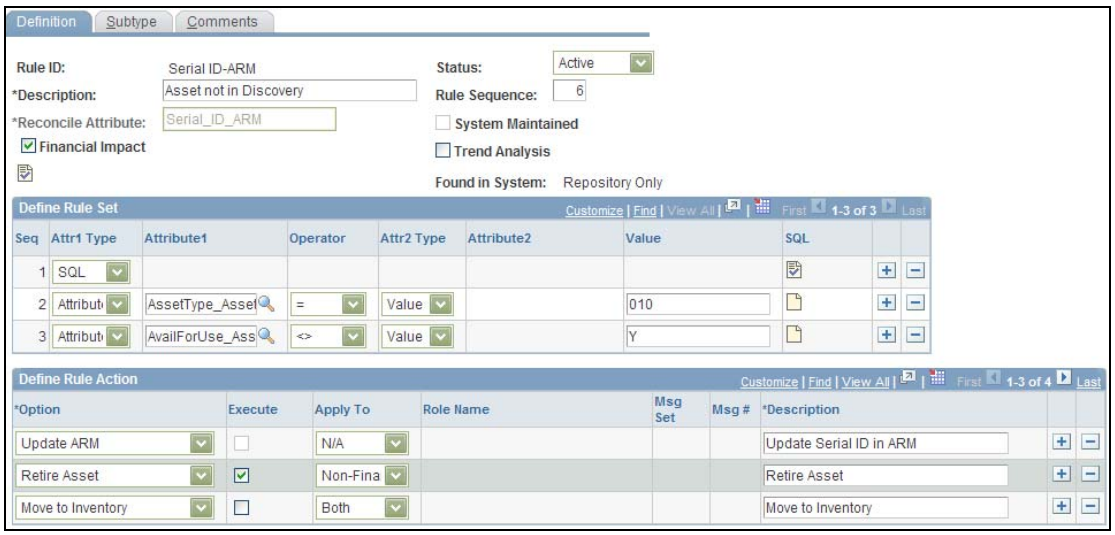
The Manage Exceptions enhancements for IT Asset Management 9.1 include:

- Automatic Reconciliation Option.
- Exclusion of User-specified Exceptions.

Automatic Reconciliation Option

ITAM provides an automatic reconciliation option that allows you to customize the existing business rules at the action level to automatically execute. This alleviates the work required to review the exceptions with low impact while allowing the most important exceptions to receive immediate attention.

Access the Business Rules - Definition page (Set Up Financials/Supply Chain, Product Related, IT Asset Management, Business Rules, Definition):



Business Rules – Definition page

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Select the Execute check box to enable automatic reconciliation of selected actions for a given business rule at reconciliation time, thus eliminating the need to review the related exceptions on a regular basis.

Note: The Execute check box is disabled when the Reconcile Attribute is Serial_ID_ARM and the action Option is Update ARM. If an automatically-executed action ends in failure, it is available to be executed again. Otherwise, the action is not available from Manage Exceptions.

Actions such as Update ARM or Add Asset correct the exception directly, whereas actions such as Route to Role or the Email options do not directly correct the exception. The actual correction in these cases depends upon whether the recipient of the routing or email takes corrective action. It is considered best practice to occasionally disable the Execute check box and to review the exceptions that are generated by the comparison process.

Select the Trend Analysis check box to enable tracking of the number of exceptions that are recorded for each business rule for which the Trend Analysis feature has been enabled. The Manage Exceptions Over Time page provides a graphical representation of the number of business rule exceptions over time.

See Trend Analysis for more information.

Exclusion of User-specified Exceptions

ITAM provides the option to ignore designated exceptions for a specified time to lessen the workload and place focus on those exceptions that are most pressing. For example, a financial asset manager may not want to continue to see exceptions that require their attention while they are on vacation. Additionally, some exceptions may not have a high priority, especially at implementation time. Those asset exceptions can be ignored; that is, placed on an “ignore list” until a specified date, at which time they are dropped from the ignore list and returned to the regular presentation of exceptions.

This option is available for exceptions that are generated from Inventory Exceptions (Manage Exceptions page) as well as Assets Not Reporting.

To implement this feature:

- Select exceptions from the Manage Exceptions component or from the Assets Not Reporting component for which to ignore exception processing.
- Use the Ignore Exception Inquiry page to review ignored exceptions, modify the expiration and begin dates or remove ignored exceptions from the ignore list for inclusion in routine exception processing.

Access the Manage Exceptions page (IT Asset Management, Asset Discovery and Validation, Manage Exceptions, Manage Exceptions):

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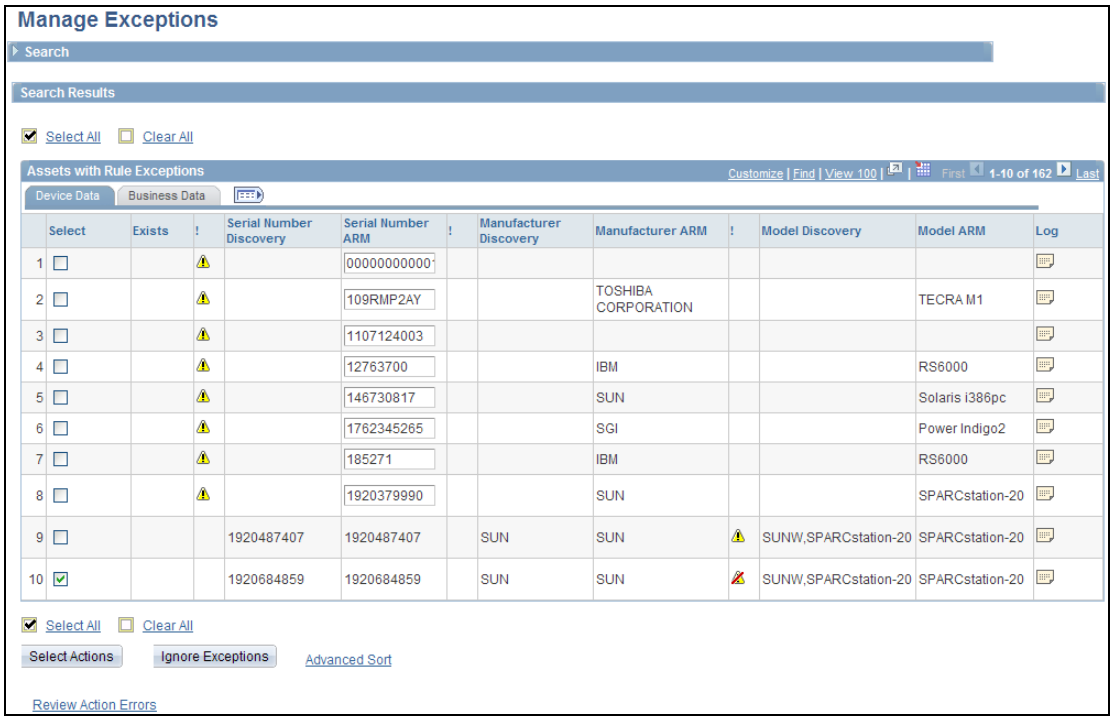
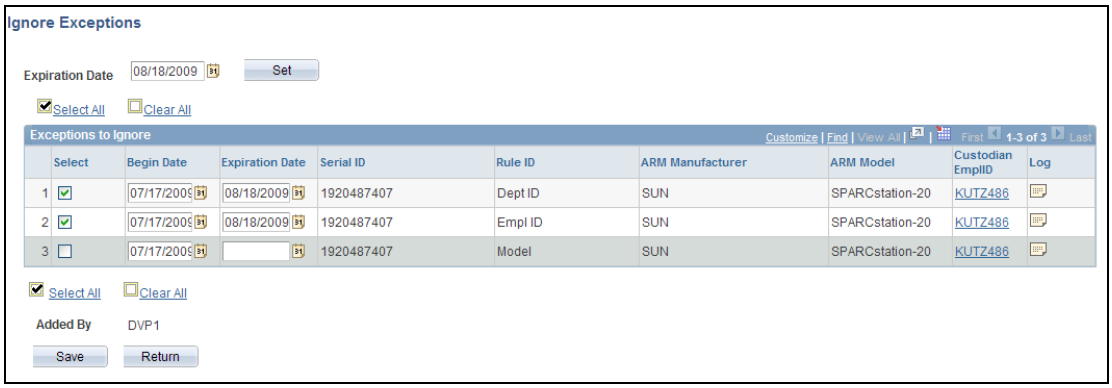


Manage Exceptions page – Device Data tab

Select the exceptions to ignore and click the Ignore Exceptions button. This launches the Ignore Exceptions page:



Ignore Exceptions page

All rule exceptions for the selected attribute are presented on the Ignore Exceptions page. Select those exceptions that you want to ignore (add to an ignore list) and supply an expiration date after which the selected exceptions will no longer be ignored. Click the Set button to set the expiration date for all selected exceptions.

This icon appears on the Manage Exceptions page when all exceptions have been designated as ignored exceptions for an attribute of a given asset. This icon displays until the next run of the comparison process. Ignored exception actions are not included for selecting actions on the Manage Exceptions (or ANR) page.

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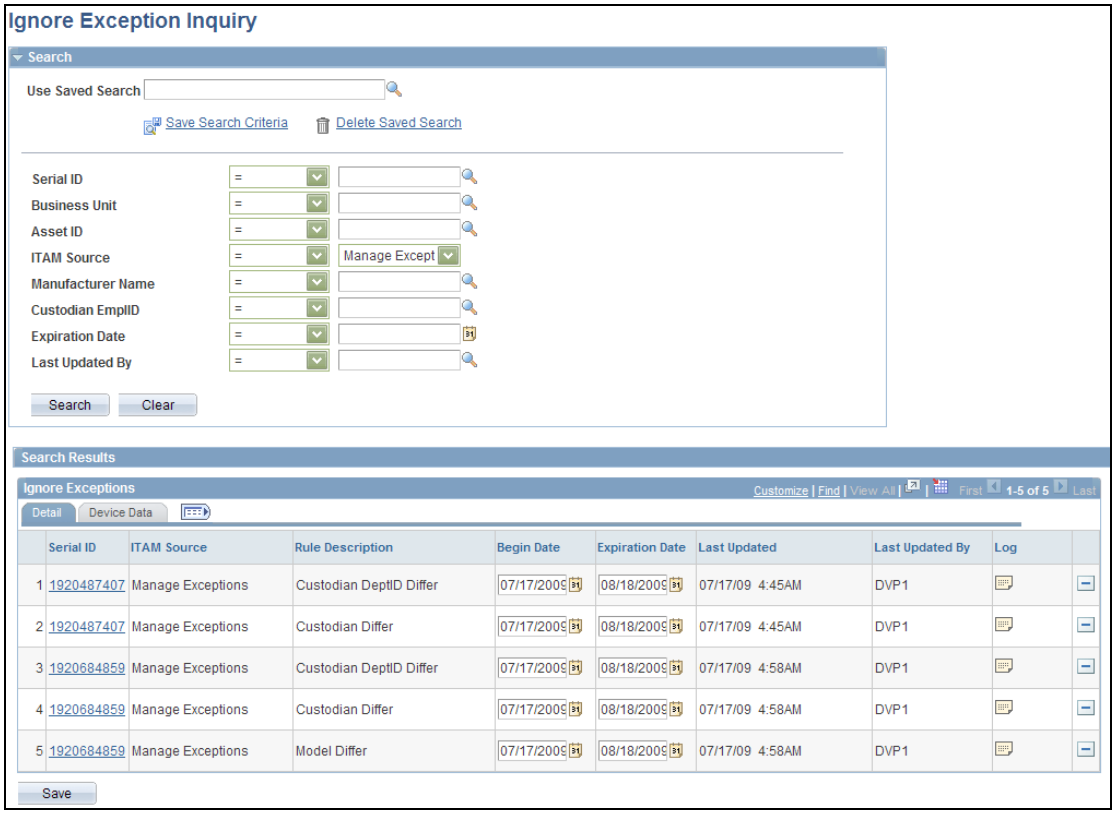
To view ignored exceptions, access the Ignore Exceptions Inquiry page (IT Asset Management, Asset Discovery and Validation, View Ignored Exceptions, Ignore Exception Inquiry):



Ignore Exception Inquiry page

Use the Ignore Exception Inquiry page to review ignored exceptions, modify the begin dates and expiration dates or remove ignored exceptions from the ignore list for inclusion in routine exception processing.

The Rule Description column displays the rule that was ignored for each exception.

Click the Log icon to access the Asset Comment page. Include any relevant comments, such as the reason for modification of this exception. Comments that are saved using this page can be viewed from the View Asset Log page.

See View Asset Log/Enhanced Search.

Audit History for Manage Exceptions and Assets Not Reporting

Reliability and security of audit history is imperative. In prior releases, ITAM has provided an audit trail for actions that are executed by Manage Exceptions and Assets Not Reporting; however, you are able to modify or remove the notes that were made for each transaction. Additionally the audits were saved as free text, and as such, it was not possible to search for the actual actions or rules that were applied to a given transaction.

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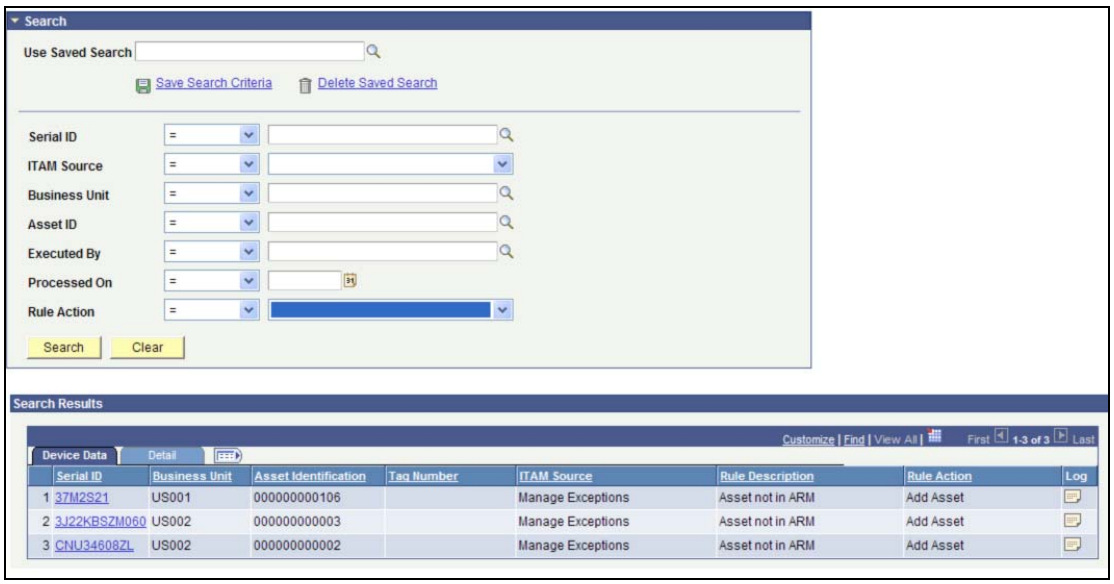
New Functionality

In addition to the current action log, PeopleSoft Enterprise ITAM 9.1 provides a more comprehensive and reliable audit trail for actions that are executed from Manage Exceptions (ME) and Assets Not Reporting (ANR) with more efficient audit history search capabilities.

The new audit trail is similar to the ME Action Log process in that it can log the actions that are taken by the system. The new Action Log Inquiry page provides an inquiry for completed actions from ME and ANR; however, this is an inquiry page only that supports review and inquiry of actions. A new record is created, IT_ACTN_LOG, which is the Audit for IT system actions.

Access the Action Log Inquiry page (IT Asset Management, Asset Discovery and Validation, View Action Log, Action Log Inquiry):



Action Log Inquiry page

Select the desired criteria and click Search to review a comprehensive history of actions that are executed from Manage Exceptions and Assets Not Reporting. You can select to filter data by ITAM Source for either Manage Exceptions or Assets Not Reporting.

Click the Serial ID link to access a printable view of the Asset page.

Click the Log icon to access the Asset Comment page. Enter relevant details. You can view these comments from the View Asset Log page.

See View Asset Log/Enhanced Search,

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Software Effective-Dating

Software effective-dating empowers IT asset managers by providing an audit trail of the software definition history as it pertains to authorizations as well as the underlying device and employee groups.

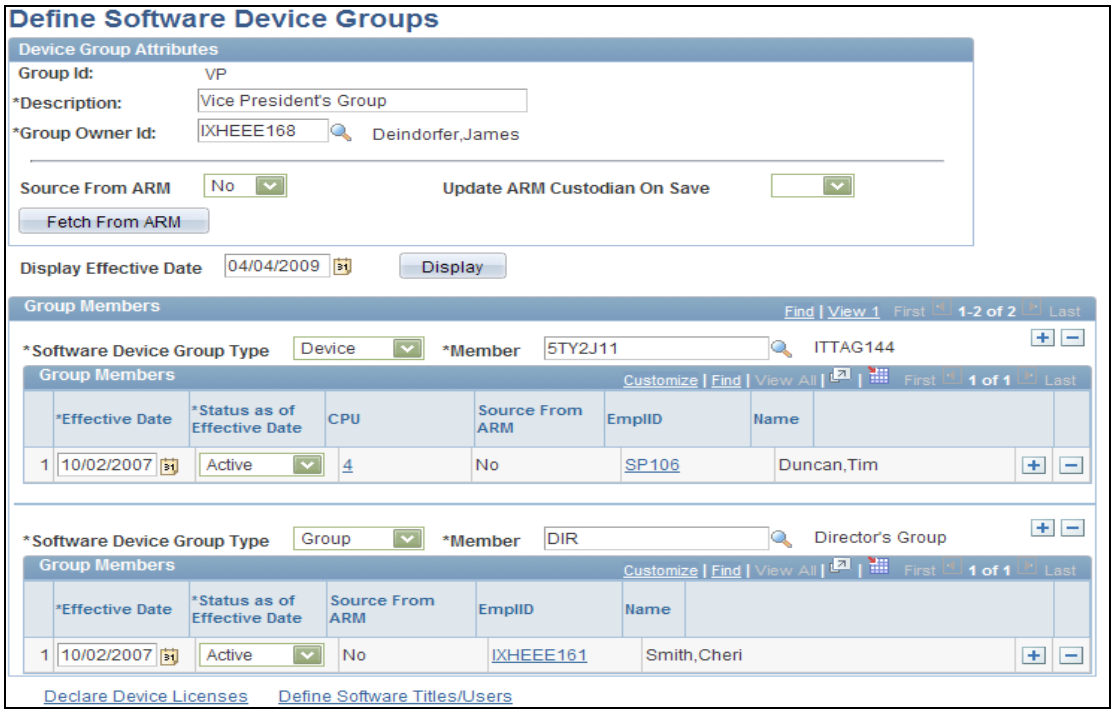
New Functionality

PeopleSoft IT Asset Management 9.1 leverages the standard effective-dating functionality to enable you to capture all changes made to Software Authorizations as well as to Employee and Device Groups.

Pages that are impacted are:

- Software Titles/Users (Authorizations) page
- Employee Groups page
- Define Software Device Groups page
- Discovered Software Inventory page

Access the Define Software Device Groups page (IT Asset Management, IT Asset Definitions Center, Resource Settings, Device Groups):



Define Software Device Groups page

Enter an effective date and click the Display button to view the current effective-dated rows as of the date supplied. The default value is the current date.

Note. The Display Effective Date field and Display button are available only for the Define Software Titles/Users page, the Employee Groups page and the Define Software Device Groups page and only when the page is accessed in Include History or Correct History modes; otherwise, those fields are hidden.

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Capture Non-financial IT Assets

For a more complete depiction of IT assets, organizations need to be able to capture and process non-financial IT assets. An asset's physical use is kept separate from its financial status.

New Functionality

PeopleSoft ITAM 9.1 provides the following in order to capture nonfinancial IT assets:

- A physical use indicator, In Physical Use check box, is added to the Asset record. This flag is available through the Basic Add page, the Define Asset Operational Info page, the ExpressAdd page and the Retire Assets page.
- A new field is added to the Manage Exceptions page to alert you when assets are not found in the asset repository. The alert indicates that there is an asset in the asset repository; however, the asset is not in physical use or has a duplicate serial ID that is in physical use and, therefore, is not included in the asset reconciliation set.
- A new page is added to facilitate the display and maintenance of the new physical use flag. The page is primarily display-only with the one option to update the physical use of the asset. The page is supported by a new view that retrieves the information for display. Any changes made to the Physical Use page are incorporated back to the main asset record. The page acts not only as a way to maintain the physical use for partially transferred assets but also to present ways for the user to track assets that have duplicate serial IDs, regardless of their transfer history.

Workflow Enhancements

The Workflow enhancements for ITAM 9.1 prevent duplicate workflow entries for the same asset for Manage Exceptions additions, retirements, and transfers. If a workflow entry has previously been added and not worked, then the system is prevented from adding the same workflow entry again.

See Manage Exceptions page.

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Integrated Performance Management

Integrated performance management within Financials focuses on analysis and reporting capabilities that support the organization in efficiently managing the business process performance.

The following IT Asset Management 9.1 enhancements advance the PeopleSoft integrated performance management initiatives:

- Integration Data Load Error Resolution Enhancements
- Trend Analysis
- Usability Improvements

Integration Data Load Error Resolution Enhancements

IT asset managers need to identify errors quickly to resolve them in an efficient and timely manner.

New Functionality

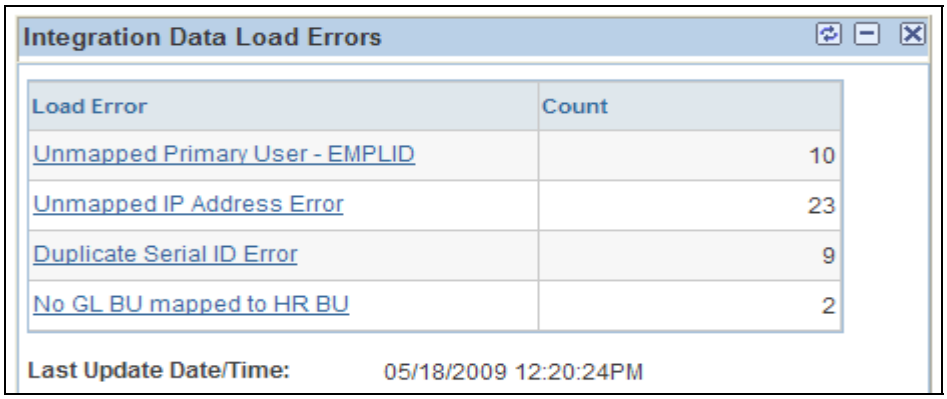
IT Asset Management 9.1 provides the following enhancements to meet this objective:

- Integration Data Load Errors pagelet
- Code Mappings Option

Integration Data Load Errors Pagelet

This pagelet displays all of the errors produced by the most recent load batch process (IT_LOAD_PROC) for the latest discovery request.

Click the Personalize Content link on the PeopleSoft homepage. Select the Integration Data Load Errors check box from the list of IT Asset Management pagelets, click Save and then Return to Home:



Integration Data Load Errors pagelet

Review summarized totals of the data mapping errors that are encountered during integration of staged data from third-party discovery vendors and drill down to the Integration Data Load Errors detail page for additional information.

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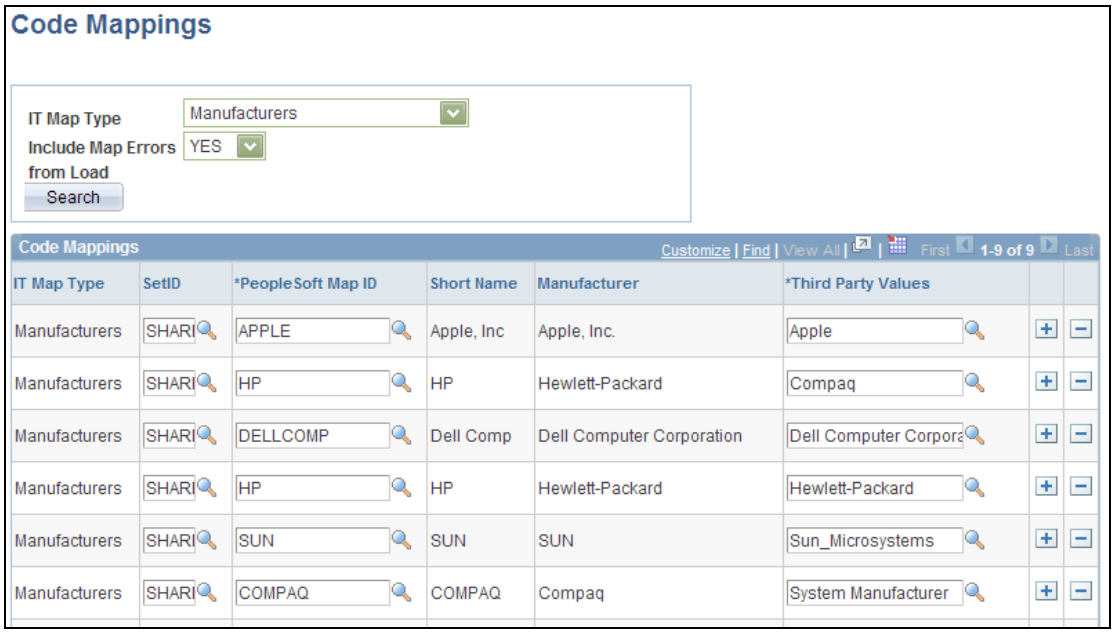
Note: This pagelet does not reflect errors that are encountered from loading the prestaging tables from the web service (IT_LOAD_PRE: process for agnostic integration.) For more information, see Auto-discovery Tool: Agnostic Integration.

Code Mappings Option

PeopleSoft ITAM 9.1 provides an option to insert all the unmapped manufacturer errors that are detected in the IT load process (IT_LOAD_PROC) into the Code Mappings page.

Access the Code Mappings page (Set Up Financials/Supply Chain, Product Related, IT Asset Management, Code Mappings):



Code Mappings page

When you select the Manufacturers field value for the IT Map Type field, the new option, Include Map Errors from Load, becomes visible.

Select Yes in this field to include the Manufacturer Mapping errors that are detected from the IT Load process (IT_LOAD_PROC) in the search results grid.

Add a setID and Manufacturer value for the PeopleSoft Map ID field to correct the error. Mapping rows without a setID and PeopleSoft Map ID will not be saved.

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Trend Analysis

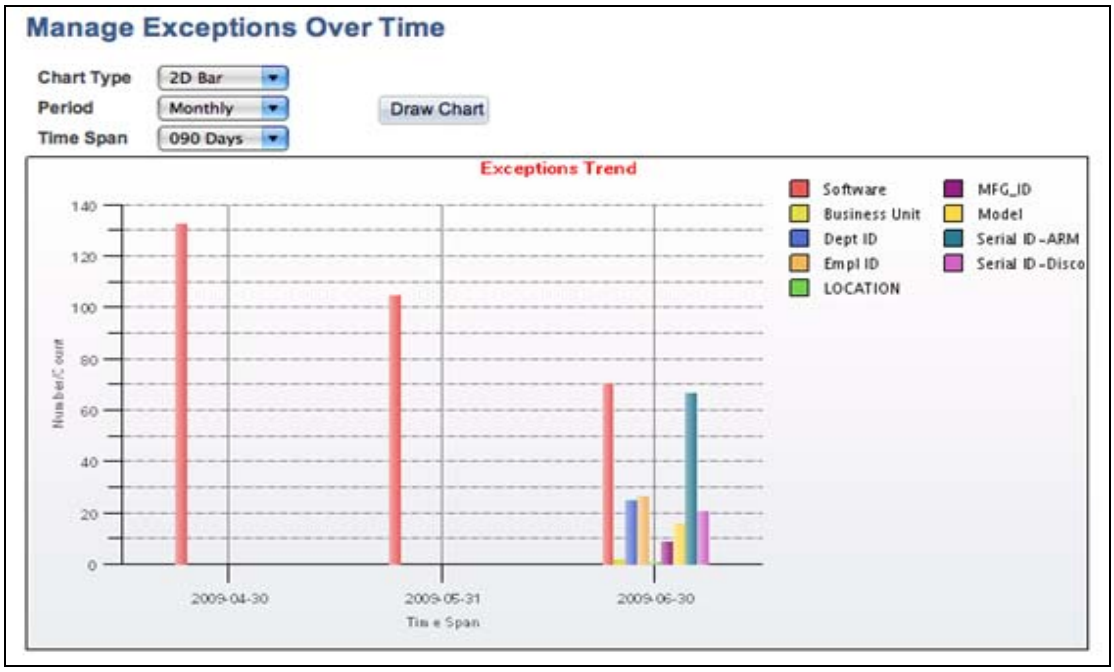
Trend Analysis is a valuable management tool that can help managers more effectively plan and execute exception resolution.

New Functionality

Trend Analysis can be enabled to track the number of exceptions that are recorded for each business rule for which the Trend Analysis feature has been enabled. Enable Trend Analysis by selecting the Trend Analysis check box on the Business Rules – Definition page for the selected rule. See Business Rules – Definition page.

The Manage Exceptions Over Time page provides a graphical representation of the number of business rule exceptions over time. You can select to view data as either a two-dimensional bar graph or a line graph. Additionally, you can select to view data as daily, monthly or quarterly totals.

Access the Manage Exceptions Over Time page (IT Asset Management, Manage Exception Trend Chart, Manage Exceptions Over Time):



Manage Exceptions Over Time page (2-dimentional bar graph, monthly, 90 days)

You can choose a Chart Type of 2D Line or 2D Bar (default). Select to graph Manage Exceptions trends data points as Daily, Monthly, or Quarterly (default).

Select a TimeSpan for up to 7 days, 30 days, 90 days, 180 days or 365 days (default). When the Inventory Exceptions Metric is run, the number of exceptions is recorded for each Business Rule for which the Trend Analysis feature is enabled (Business Rule key pictured in the upper right corner). As you resolve the Business Rules exceptions from the Manage Exceptions page, the trend chart reflects a reduced count of exceptions. In the trend chart pictured, all of the delivered Business Rules are enabled during the month of June 2009, whereas the Software business rule is the only one enabled for previous periods.

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Usability Improvements

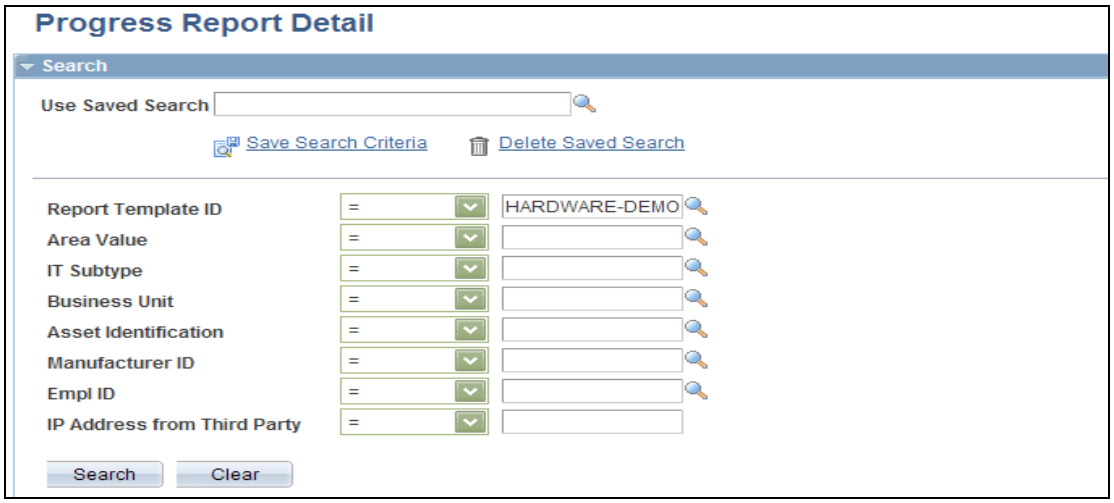
The ITAM 9.1 usability improvements enable greater productivity when performing business processes. A few of the enhancements are:

- Progress Report Detail
- View Asset Log/Enhanced Search
- IP Address/IP Locations
- Display of Employee ID-related Information

Progress Report Detail

To improve the functionality, ITAM 9.1 leverages Asset Management's common search functionality and displays additional hardware attributes within the results that are shown on the Progress Report Detail page. For attribute values that were not retrievable in prior releases (for example, Software Titles for Software Progress Reports), this enhancement displays the Report Parameters so you can see what the value is from the Report's defined parameters.

Access the Progress Report Detail page (IT Asset Management, Inventory, Views, Progress Report Detail) or (Hardware or Software Progress Report metrics pagelets):



Progress Report Detail – Search page (enhanced)

Note: Although there is no upgrade impact to the records for this modification, you will need to resubmit the Progress Report request to get the IP Address value from Discovery. Otherwise, any data existing in the IT_PRGS_DTL record prior to the upgrade to R9.1 will have a null value for IP Address after the table alter.

When you select a Report Template ID, the Report Parameters are displayed along with the search results:

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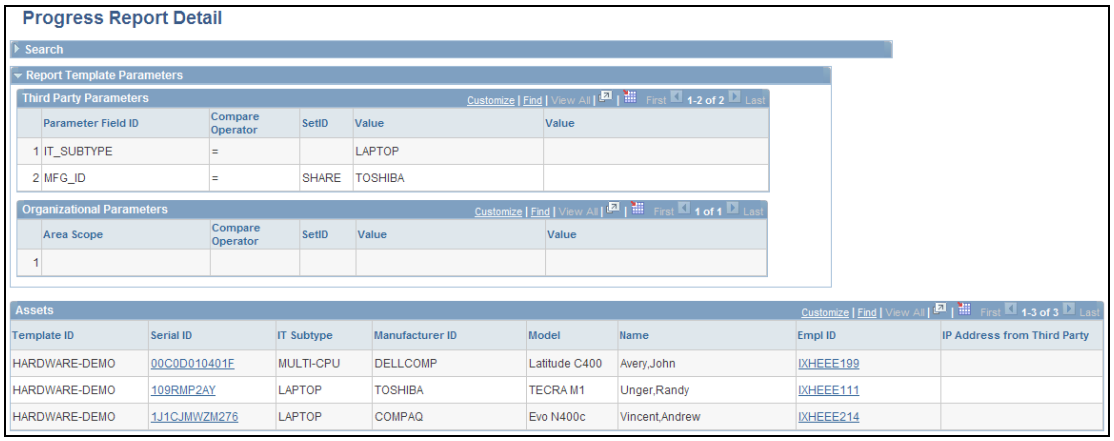
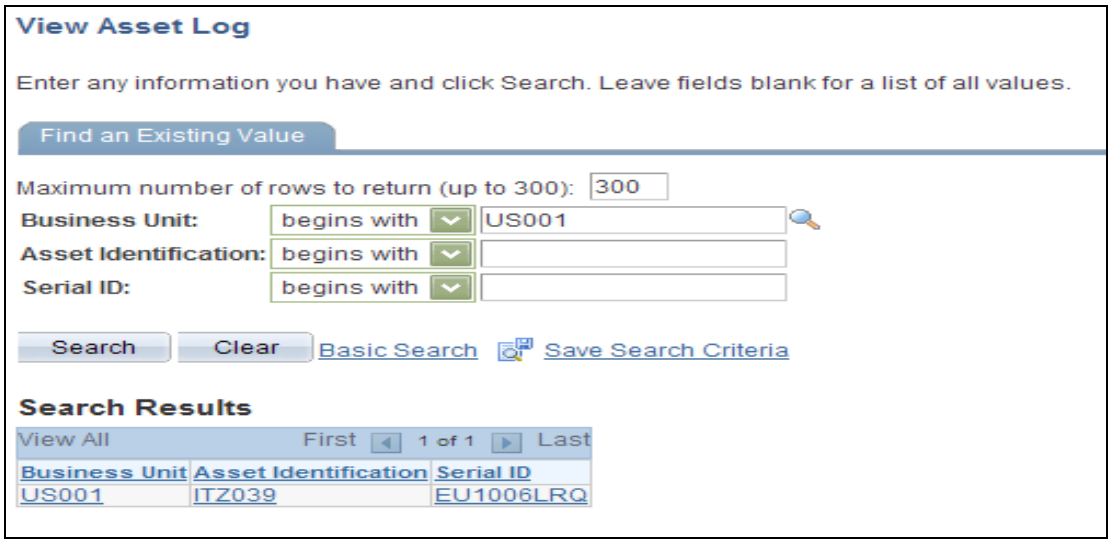


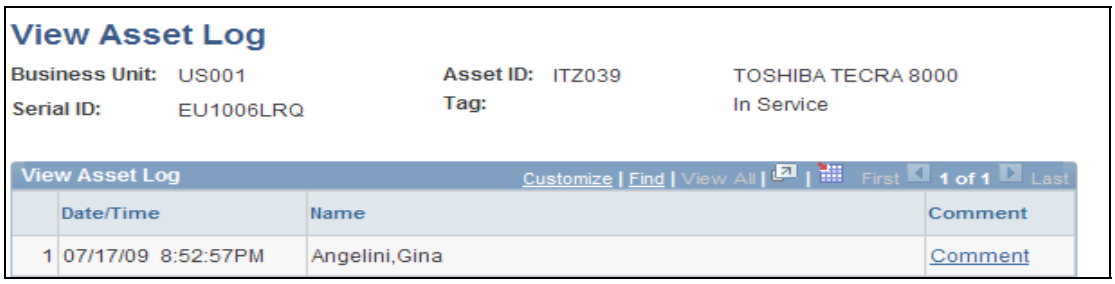
Progress Report Detail – Report Parameters and Results

View progress report details including report parameters, serial ID, IT Subtype, model, custodian name and employee ID, as well as the IP address from third party.

View Asset Log and Enhanced Search

Search for ITAM comments added through the log icon on assets by business unit, asset ID or serial ID. Access the View Asset Log page (IT Asset Management, Asset Discovery and Validation, View Asset Log, View Asset Log):





View Asset Log page

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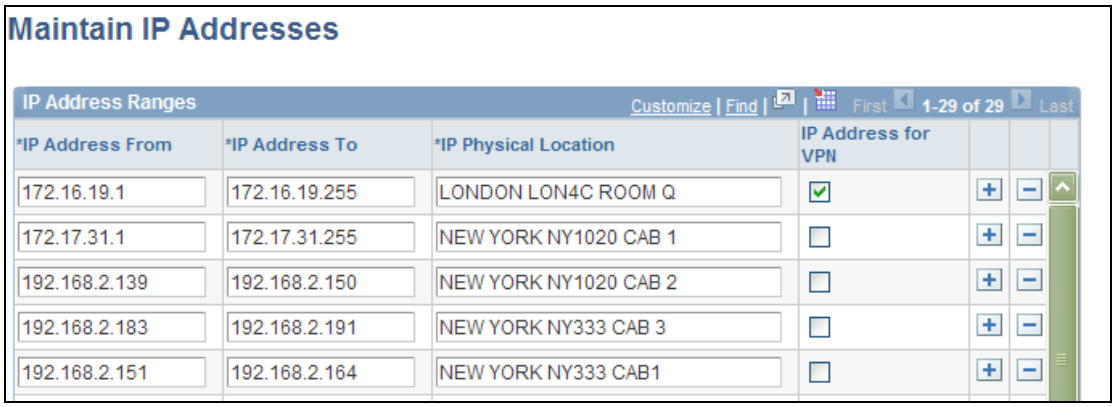
IP Address/IP Locations

The setup of VPN locations is streamlined so that you can use only one page to set up the VPN location. The VPN flag is located on the Maintain IP Addresses page rather than the Map Physical IP Locations to Financial Locations page.

Access the Maintain IP Addresses page (Set Up Financials/Supply Chain, Product Related, IT Asset Management, IP Address, Maintain IP Addresses):



Maintain IP Addresses page

Select the IP Address for VPN check box if the IP address range is assigned to devices using Virtual Private Networking (VPN). When the flag is selected, the LOCATION business rule ignores the comparison of the location for that asset. The location cannot be inferred from the IP address because the IP address is issued by the VPN. If the setID and location are specified, they will be ignored.

Note: For upgrade to release 9.1, review the Maintain IP Addresses page and verify that VPN Locations have the flag selected following data conversion.

Display of Employee ID-Related Information

Wherever an employee ID or custodian ID is displayed within ITAM pages, ITAM 9.1 provides a link to additional employee-related information:

Custodian Information page

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Streamlined System Processing

The Agnostic Integration feature provides flexibility and efficiency for integration processing options.

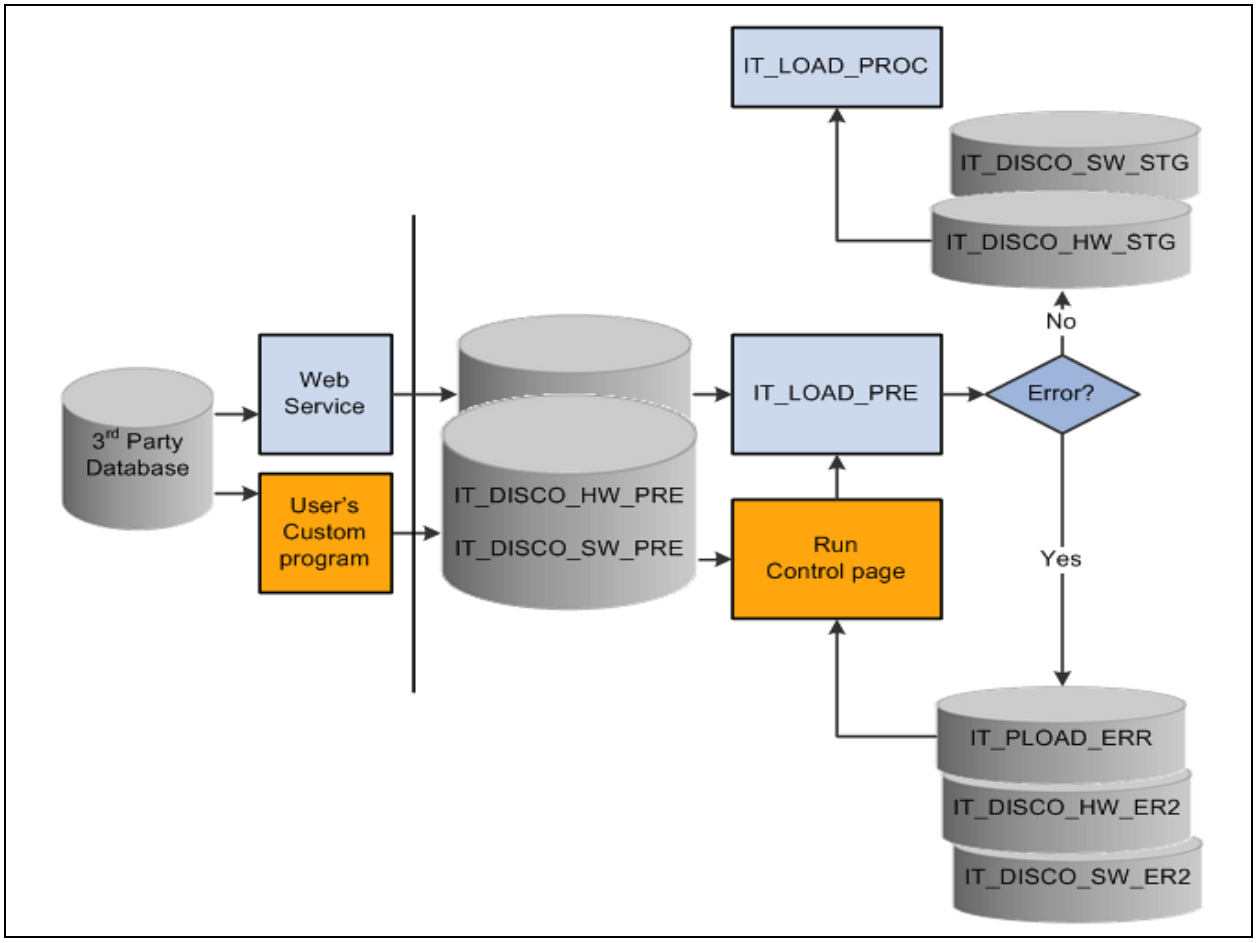
Auto-Discovery Tool: Agnostic Integration

The purpose of the new Agnostic Integration feature is to provide alternative options to integrate inventory data from third-party auto-discovery applications to PeopleSoft Enterprise ITAM.

New Functionality

The Agnostic Integration feature eliminates the need to build a tightly coupled XML connector, which is required for the existing Request/Response model. This new feature provides efficiency for those organizations that are implementing ITAM as well as flexibility for those organizations that currently rely on a third party's connector. The data still needs to be integrated into the new web service or directly into the prestaging tables.

The following diagram represents the process flow for Agnostic Integration:



Agnostic Integration process flow

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Note: The current Request/Response model remains an option for the integration and is unchanged as a result of Agnostic Integration.

The Agnostic Integration feature provides two options for third-party discovery vendors to integrate their inventory data into PeopleSoft ITAM:

- Manual – Directly load new prestaging interface tables for hardware and software discovery data (IT_DISCO_HW_PRE and IT_DISCO_SW_PRE). It is the user's responsibility to populate these pre-staging tables (for example, through use of a custom program).
- Web Service – The new pre-staging interface tables for hardware and software discovery data (IT_DISCO_HW_PRE and IT_DISCO_SW_PRE) are populated using an asynchronous inbound XML message (web service). This method does not require a tightly coupled XML connector nor rely upon a pre-existing partnership with a particular discovery vendor.

A new run control page, Integrate Discovery Data, is available to submit the new IT_LOAD_PRE Application Engine process when using the manual option to load the pre-staging tables. Otherwise, when using the web service (PROCESS_DISCOVERYDATA), the IT_LOAD_PRE is launched (or submitted) automatically to populate the pre-staging tables.

To review errors resulting from the IT_LOAD_PRE process, run the delivered query, AM_IT_PRE_LOAD_ERRORS, to retrieve a report that lists the Serial IDs of the devices that fail any of the pre-load (pre-stage) error edits. The report includes the following fields:

- Serial ID
- IT Load Error Code
- Third Party Value
- Source Key ID

If there are no errors from the IT_LOAD_PRE process, the discovery data is loaded into the staging tables, IT_DISCO_HW_STG and IT_DISCO_SW_STG.

Once the discovery data is loaded into the staging tables, the IT_LOAD_PRE Application Engine process calls the IT_LOAD_PROC to perform data validation and transformation using the staging tables as input. If discovered assets pass the edits in the IT_LOAD_PROC, the data is written to the IT_HRDWR_CACHE and IT_SFTWR_CACHE tables, as in prior releases.

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Maintenance Management 9.1

PeopleSoft Enterprise Maintenance Management completes the Enterprise Asset Management (EAM) total solution. EAM provides the ability to control costs and improve visibility across the asset lifecycle. From capital planning and budgeting, through project management and operations, to maintenance and retirement, EAM provides the tools necessary to control and fully exploit your asset infrastructure.

At the center of the EAM solution, PeopleSoft Maintenance Management enables organizations to streamline operations, facilitate compliance, and eliminate costly, inadequate custom integrations to third-party systems.

When organizations combine PeopleSoft Maintenance Management with other applications, such as PeopleSoft Project Costing, Asset Management, Purchasing, and Inventory, they gain a solution that enables them to prioritize assets and ensure they are administering the right level of investment to meet utilization and financial goals. PeopleSoft Maintenance Management also supports the PeopleSoft Real Estate Management and IT Asset Management applications with self-service requests for facilities and IT service work.

With Maintenance Management 9.1, we plan for the following enhancements:

Personal Time Entry on the Technician Workbench

The Technician Workbench time entry will provide the ability to enter and track personal time, such as vacation,

New Functionality

PeopleSoft Maintenance Management 9.1 will enable technicians or an authorized maintenance administrator to enter personal (non-work order time) such as sick time, jury duty, vacation and more, using the Time Entry component on the Technician Workbench. The user will enter personal time using time reporting codes, which are set up in PeopleSoft Expenses.

Personal time will always be entered as elapsed time and will not be affected by your selection of a time entry method in User Preferences. However, if you select the punch time method on User Preferences, Maintenance Management page, and you select the Both Time Grids option on the PeopleSoft Expenses Business Unit Definition – Project 2 page, a punch time formatted grid will appear on the Time Entry page of the Technician Workbench and will enable an authorized user to enter work order time entry and an elapsed time formatted grid will appear on the same page to enable an authorized user to enter personal time.

If you select the elapsed time method in User Preferences for work order labor time entries, then an elapsed time formatted grid will appear for work order time entry, and an elapsed time grid formatted grid will appear for personal time entry on the Time Entry page of the Technician Workbench.

Once the time entries are entered and posted, the time keeper will access the Stage Time Entries component (Maintenance Management, Work Order Management, Work Order Processing) and select from these options:

- Stage Work Order/Project Time to Project Costing (Used only for staging labor time entries.)

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- Publish Personal Time to Time and Labor
- Publish Work Order/Project Time and Personal Time to Time and Labor

NOTE: If PeopleSoft Time and Labor and PeopleSoft Payroll are not installed, then personal time is used for information only.

Service Request Usability Enhancements

- ***Service request and work order usability*** enhancements offer increased flexibility and improve end-user productivity. Service request usability enhancements will include:
  - Ability to create a service request directly from the Service Request Inbox
  - Case insensitive search for assets by description
  - Filtering of eligible assets by tag number smart coding
  - Additional asset search criteria

New Functionality

PeopleSoft Maintenance Management will add these features to the Service Request functionality:

- The capability to add a new service request directly from Service Request Inbox
- The capability to search using an asset description field that is no longer case sensitive for service requests on the Service Request Inbox search page, the Advanced Asset Search page, and numerous places in the work order,
- The capability to set up Asset Search Criteria by Problem Tree Levels in the form of Smart Tags.
  Users will be able to use Smart tag number coding (smart tags) when selecting each level of a problem tree to narrow down the list of eligible service request assets. A smart tag is a tag number, which is used to identify assets and is subdivided into groups of characters where each group represents a particular attribute of an asset. For example: C4BFGMTR0002 – where C4 represents “combustion turbine 4”, BFG represents “boiler flue gas system”, MTR represents “motor”, and 0002 represents a sequential equipment number.
  As successive levels of the problem tree are selected while entering a service request, the string of codes that make up the tag number will be narrowed down. The user will invoke an asset search from the service request and the coded string will be passed to the tag number search field, which will return a small number of relevant assets. This will enable users to quickly find the assets that are relevant to the problem being reported.
  While a method already exists to narrow down assets using the asset classification (asset type, subtype, manufacturer, model), smart tags will add more flexibility and fine-tuning. Both methods will be optional and will be able to be used alone or in combination. Unlike asset classification, which carries much functionality across service requests and work orders, smart tag functionality will be restricted to service requests.

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- The additional capability to search by the following fields on the Service Request Inbox:
  - Date range (Date Required, to)
  - Asset ID
  - Tag Number
  - Serial ID
  - Asset Description
  - Subject

Work Order Usability Enhancements

- Work order usability improvements will include:
  - Tracking of work order durations by fractions of an hour
  - Ability to view and update work order and task descriptions from the express work order
  - Display work order and task descriptions on the work order, crew scheduling, technician and labor assignment workbenches
  - Hyperlink to the Project/Activity page from a work order

New Functionality

PeopleSoft Maintenance Management 9.1 will enable users to view the work order description along with the task description on these pages:

- The Express Work Order component, Express Work Order (WM_WO_WR) page.
- The Technician Workbench component, Technician Workbench page (WM_WOE_WB), Work Order Tasks grids, Full Description tab (NEW).
- The Work Order Workbench component, Work Order Workbench (WM_WOTSK_WORKBENCH) page, Work Order Tasks grid, Full Description tab (NEW).
- The Crew Scheduling Workbench component, Crew Scheduling Workbench (WM_CREW_SCHD_WB) page, Full Description Tab (NEW).
- The Labor Assignment Workbench component, Labor Assignment Workbench (WM_LABOR_ASSIGN_WB) page, Full Description Tab (NEW).

In addition, for Project Costing work orders, PeopleSoft Maintenance Management 9.1 will enable users to click an icon next to the Project Activity field to access the Resources by Activity in PeopleSoft Project Costing, or in PeopleSoft Program Management if this product is installed.

This link will appear next to the Project Activity field on:

- Work Order page. (WM_WO_HDR) page,
- Work Order - Requirements (WM_WO_TASK_RQMT) page.
- The Express Work Order component,

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- The Schedule, Loop Schedule, and Location Schedule component pages, The Technician Workbench component, Technician Workbench page, Work Order Tasks grids, Details 2 tab.

Asset Hierarchy Search Capability

Asset searches initiated from the service request and work order will provide the ability to search for components within an asset hierarchy.

New Functionality

PeopleSoft Maintenance Management 9.1 will enable users to search for an asset to repair or maintain in PeopleSoft Maintenance Management by clicking a Hierarchy icon, which appears on the Asset Search (WM_ASSET_SRCH_SEC) page and the Asset Information page (WM_WO_ASSET_SEC) and links to the Asset Component Hierarchy page. The Asset Component Hierarchy page, which displays in PeopleSoft Maintenance Management, is based on the AM Asset Component Hierarchy page in PeopleSoft Asset Management. Both pages will display the component hierarchy in a graphical format and will allow users to expand or collapse the hierarchy view.

The difference between these pages is that users will not be able to update or move components within the hierarchy on the Asset Component Hierarchy page in PeopleSoft Maintenance Management. PeopleSoft will enable users to select an asset from the hierarchy and apply it to the work order, service request, or various other components in PeopleSoft Maintenance Management to search for an asset.

Capability to Create eProcurement Requisitions from a Work Order

If PeopleSoft eProcurement is installed, individual business units can enable eProcurement instead of Purchasing to create requisitions for non-inventory material items, tools, and/or labor services for a work order task.

New Functionality

PeopleSoft Enterprise Maintenance Management will enable users who have set up PeopleSoft eProcurement (ePro) to create eProcurement requisitions and load eProcurement requisitions for scheduled Purchase/On-Hand items to staging tables for processing.

Enhancements to the Equipment Parts List (EPL)

Authorizing maintenance personnel will provide the capability to add to equipment parts lists from the work order, express work order and work order task template will facilitate the ongoing update of equipment parts lists based on actual asset maintenance and repair demands.

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New Functionality

PeopleSoft Maintenance Management 9.1 will enable users to optionally copy selected inventory and purchase/on-hand items that are associated with an Equipment Parts List (EPL) to a work order, express work order, or work order task template. In Release 9.1, authorized users will be able to add new inventory or purchase/on-hand items to one or more Equipment Parts Lists (EPL) associated with an asset from a work order, express work order, or work order task template.

There are two different categories of EPLs:

- **Asset-default EPL**
  The designated default EPL template for an asset, which is specified on the asset's main repository definition record.
- **Nonspecific EPL**
  Any EPL template that is not the designated default template for the selected asset. When you search for EPL templates from PeopleSoft Maintenance Management, any EPL templates that have characteristics (asset type, asset subtype, manufacturer ID, and model) that match the asset selected in PeopleSoft Maintenance Management display along with the asset-default EPL.

The new Add to EPL button will be visible and enabled in the Work Order, Express Work Order, and Work Order Task Template components based on the setup for this feature.

You can copy from and add to EPLs from these components:

- Work Order Task Template.
  - Inventory Requirements group box.
  - Purchase/On-Hand group box.
- Work Order.
  - Requirements page, Inventory Requirements group box.
  - Requirements page, Purchase/On-Hand group box.
  - Schedules page, Inventory Schedules group box.
  - Schedules page, Purchase/On-Hand group box.
- Express Work Order.
  - Inventory Requirements group box.
  - Purchase/On-Hand group box.

When you select the Copy from EPL button, you will copy an inventory or purchase/on-hand item to a work order task template, work order, or express work order from an EPL template. You can only copy from one EPL template at a time.

Failure Tracking and Analysis

Failure tracking and analysis will extend problem reporting and asset downtime functionality to provide organizations with the capability to define and evaluate asset failures in order to minimize the impact of future incidents, reduce associated downtime and repair costs, and measure and track asset reliability.

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New Functionality

PeopleSoft Maintenance Management 9.1 will provide users with the capability to track and analyze equipment failure incidents for various operational and regulatory needs, such as health, safety, and environmental compliance.

Users will be able to analyze these asset failures to:

- Help prevent recurrence or minimize the number of future incidents.
- Reduce associated downtime and repair costs.
- Measure and track both asset reliability and maintenance and repair effectiveness.
- Support repair versus replace decisions.
- Support related planning and budget allocation activities for constrained maintenance resources.

To accomplish these goals, PeopleSoft Maintenance Management will enable users to:

- Set up failure severity and failure impact codes.

- Define data that describes, quantifies, and qualifies asset failure events from various perspectives from the Work Order, Work Order Completion, or Technician Workbench components.

- Analyze failure events based on specific detail or summary criteria through the Failure Analysis inquiry. Users can discover trends and relationships affecting future failure occurrence, asset reliability, and maintenance and repair effectiveness measures.

Failure tracking and analysis will not be required to create and maintain work orders in PeopleSoft Maintenance Management. However, it will be an extremely valuable and easy to use tool and will enable supervisors and managers to carefully manage their assets.

Asset Maintenance Cost Analysis

The Asset Maintenance Cost Analysis feature will provide the capability to summarize maintenance cost by various dimensions, such as asset type, subtype, shop and location for a specified analysis period. These maintenance costs can be viewed by meter type, asset, asset component, maintenance type, and work order. Charting capabilities facilitate the analysis of total maintenance cost by period or by analysis dimension. Additionally, charts can be generated to evaluate estimated, total, and unit cost by asset or period.

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New Functionality

The Asset Maintenance Cost Inquiry in PeopleSoft Enterprise Maintenance Management 9.1 will enable you to analyze work order and non-work order related asset maintenance costs for assets based on a specified time frame. The work order related costs will be based on work orders that are closed. The Asset Maintenance Cost Analysis will divide the unit of usage, such as run time hours or miles driven into the maintenance cost to obtain the maintenance cost per unit of usage. This cost per unit of usage will enable you to compare which assets are costing more or less than others to maintain. The maintenance planner will be able to examine other factors, such as the manufacturer, the location, the region in which the asset is operated, the skill level of the maintenance technicians repairing the vehicles, the way the vehicles are operated, and will be able to determine various methods for lowering the cost of maintenance. More specifically, the Asset Maintenance Cost Inquiry will enable you to:

- Create one or more asset cost groups.
- Perform an asset search based on numerous asset characteristics.
- View a summary of the asset analysis and drill down to the asset details.
- Analyze asset costs based on a various dimensions.
- Analyze asset cost per unit of usage.
- View the asset cost per unit of usage by meter.
- View the asset cost by asset
- View the asset cost by maintenance type.
- View asset cost by work order.
- View the component cost for assets that have components associated with them.

The Cost Summary tab will display a sum of the asset costs based on the selected cost dimension and search criteria and will include the:

- Estimated Asset Cost
- Estimated Component Cost
- Total Estimated Cost,
- Actual Asset
- Actual Component Cost,
- Total Actual Cost
- Variance Amount
- Variance Percent

The Cost Detail tab will contain a summary of the estimated and actual costs at the labor, materials, purchasing, tool, and other costs levels

The Currency tab will display the currency specified in the ASSET_MAINT table.

The Cost Analysis Chart will enable you to view the summary costs in a two dimensional line or bar chart by specifying the Cost Chart Type (Cost by Analysis Dimension or Cost by Period).

You will be able to drill down to view the unit cost by meter type and the cost by asset for each individual asset, the maintenance cost by asset, and the maintenance cost by work order.

Web Service Integration with Mobile Devices and PeopleSoft Maintenance Management 9.1

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Availability of web services integration with mobile devices will grant maintenance organizations the flexibility of entering and retrieving work order data from a handheld device. Real-time mobile device integration will foster accuracy and efficiency in managing work order data and reporting from the field.

New Functionality

With the increased availability and capability of wireless networks and mobile technologies, mobile devices are becoming more prominent and common in the workplace. Mobile devices can be equipped with various user interfaces that enable a user to enter and retrieve data using their mobile device and will interface that data with the PeopleSoft Maintenance Management application. The user interfaces on mobile devices will often be simplified versions of existing user interfaces in Maintenance Management, which will provide key data elements and enterable fields that can be either real-time or right-time synchronized. Mobile devices will be valuable in managing the assets of an organization by providing a simple process for capturing data and enabling the support and execution of maintenance activities. This will encourage preventive maintenance, streamline data acquisition and accounting, and promote an increase in overall data accuracy and a decrease in costs.

There are a number of mobile device vendors exist that provide user interfaces that can be set up to integrate with web services. PeopleSoft Maintenance Management will provide a set of dedicated web services (APIs) that will enable integration with mobile devices which are designed for use by technicians and will be able to be purchased from third party vendors.

PeopleSoft Maintenance Management will support these capabilities and transactions for mobile technician devices:

- Retrieve Work Order Task details based on Technician Workbench Task Search Views:
    - Work Order Header
    - Work Order Tasks
    - Valid Task status transitions
    - Checklists
    - Instructions
    - Materials
    - Purchase Orders
    - Tools
    - Task Notes
    - Asset Downtimes
    - Scheduled Labor
- A technician using a mobile device will be able to add or update this work order information:
    - Work order header (add only)
    - Work order tasks, such as failure reporting via the problem, cause, resolution hierarchy and completing work orders
    - Work order task status (update only)
    - Checklists
    - Inventory materials
    - Purchase orders/on-hand materials
    - Tools asset actuals (update only)

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    - Task notes (add only)
    - Asset downtime.
    - Unscheduled labor (add only)
    - Labor actuals (update only)
- A technician using a mobile device will be able to access an Inventory issue to work order.
- A technician using a mobile device will be able to retrieve this asset information.
    - Assets
    - Meter Readings
    - Meter Types
    - Hazardous codes
    - Comments
- A technician using a mobile device will be able to enter new meter readings.
- A technician using a mobile device will be able to download all necessary prompting and supporting tables to support the above capabilities.

These web services were developed to be generic and standards-based to enable easy integration with PeopleSoft Maintenance Management. While the focus of the integration is with mobile handheld devices, you will be able to use the developed web services to integrate with any external system of any type (not just mobile) that supports the necessary web service integration standards.

Preventive Maintenance Schedule Linking

By linking major and minor preventive maintenance schedules the Preventive Maintenance process will be able to generate work orders for these maintenances at the same time. When the PM process runs, it generates maintenance schedules for the asset, asset loop, or location's maintenance identified in the primary schedule and for the asset, asset loop, or location identified in one or more linked secondary scheduled maintenances with the same due date. In addition, secondary preventive maintenance schedules can be suppressed, merged, or separated from work orders related to major maintenance events. This synchronization will reduce equipment downtime and lessens the possibility of performing unnecessary maintenance.

New Functionality

In PeopleSoft Maintenance Management 9.1, after setting up maintenance types and associating them with primary and secondary schedules, you will be able to access a primary preventive maintenance schedule for a single asset, loop schedule, or location schedule, select the PM Linking tab, and associate this primary schedule with one or more secondary schedules. Yu will assign an effective date and status to the list of secondary schedules that you will associate with the primary schedule so that you will be able to track any changes that you make to this setup. You will be able to link multiple secondary PM schedules with a single primary schedule, as well as link a single secondary schedule to multiple primary schedules. However, you will not be able to select a primary PM schedule as a secondary schedule and link it to another primary PM schedule.

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You will be able to add the secondary schedules to a Secondary Schedules grid. You will select either the Days Tolerance or the Linking by Cycle linking method for each secondary schedule, as well as a linking action, which will determine whether the Preventive Maintenance process will generate one or more work orders for the linked schedules.

Whether you select the linking method Days Tolerance or Linking by Cycle, you will have to select a linking action on the Secondary Schedules - General tab to determine whether the Preventive Maintenance process will generate a single work order or multiple work orders based on the linked schedules. The linking actions are:

- Merge
  The Preventive Maintenance process will merge secondary schedule tasks with the primary schedule tasks in a single work order.
- Separate
  The Preventive Maintenance process will create separate work order for the primary and secondary schedules with the same due date. The system will not reserve duplicate parts assigned to tasks on the primary and the secondary schedules.
- Suppress
  The Preventive Maintenance process will list only the primary schedule tasks in the work order and will suppress the secondary tasks. No work order will be created for the secondary schedule tasks. However, the system will create a PM record transaction for the secondary schedule, which will point to the work order created for the primary schedule.

You will be able to select one of these linking methods:

- Days Tolerance Linking Method
  You will select the days tolerance linking method to indicate when the system can link the primary and selected secondary preventive maintenance schedules based on a specified difference in the dates. Selecting the Days Tolerance method also displays a Days Tolerance field, where you will enter the number of days tolerated (allowed) between the date on the primary PM schedule and the date on the secondary PM schedule. The Preventive Maintenance process will look at the schedule dates and tolerance, and will schedule the maintenance for the primary PM schedule and the secondary PM schedule at the same time.
- Linking by Cycle Method
  You will select linking by cycle as the linking method and the Preventive Maintenance process will link the selected secondary schedules to the primary schedule based on cycles, which are determined by meter reading intervals or date intervals. The linking of a secondary schedule to a primary schedule will depend on the number of times the secondary schedule's cycle occurs within the primary schedule's cycle.

Once you have set up your linking, you will be able to run the Preventive Maintenance process to generate work orders for linked primary and secondary schedules. You will also be able to run the Preventive Maintenance Projection process to generate work orders and projected due dates for linked primary and secondary schedules.

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Once preventive maintenance primary and secondary schedules are set up and saved, they will be listed on the Preventive Maintenance Schedule Workbench. Users will be able to click a link to edit each schedule. Once the Preventive Maintenance process runs and generates work orders with linked schedule and the PM log is generated, the PM Inquiry component will indicate that the schedules have been linked.

Preventive Maintenance Work Order Generation Based on Lead Days

In addition to the existing percent threshold feature, the option to generate preventive maintenance work orders with a future due date will be made available based on a specified number of lead days.

New Functionality

PeopleSoft Maintenance Management 9.1 will enable users to generate a preventive maintenance work order with a future due date by entering a specific number of lead days in the Lead Days field on the PM Schedule. This information will also display on the Preventive Maintenance Schedule Workbench. The Preventive Maintenance process will ensure that the current date plus the number of lead days is equal to or greater than the calculated due date for the preventive maintenance work order and then creates the work order. If the lead days entered do not trigger the creation of a work order, the threshold percentage, if applicable, will generate the work order.

Lead days are based on a 7 day per week calendar instead of a business calendar.

Preventive Maintenance Mass Schedule Updates

Preventive maintenance mass updates will enable the update of multiple preventive maintenance schedules by business unit.

New Functionality

PeopleSoft Maintenance Management 9.1 enables you to perform a mass update to the PM (preventive maintenance) schedules that fall under a specified business unit and any additional search criteria that you select. A list of PM schedules will appear based on your search criteria. You will select the schedules that you want to update, and select the values that you want to update for these selected schedules on the Update page. The PM Schedule Mass Update process will update the:

- PM Schedule.
- PM Blackout Period Schedule.
- PM Meter Schedule.
- PM Linking.

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The values that you select will be updated on each of the selected schedules when you run the PM Schedule Mass Update (WM_PMSCH_UPD) process. This process will use the current date as the effective date. The system will automatically create a new effective revision if it does not already exist. If a revision exists, the system will update the revision. When a new revision is created, the system will copy the current version and will apply the requested update.

Real Estate Management 9.1

PeopleSoft Enterprise Real Estate Management streamlines and automates lease administration and space management. Whether your organization is a corporation, a public service provider, an educational institution, or a retail/franchise operation, PeopleSoft Real Estate Management offers a comprehensive solution for reducing costs and minimizing contractual and financial risk.

PeopleSoft Real Estate Management is a fully integrated solution for the management of properties. It integrates with the PeopleSoft Financial Management and Supply Chain Management solutions to ensure that leases are managed according to the terms of the agreements; cost and space utilization are captured for performance management; and divisions comply with property and financial regulatory requirements. PeopleSoft Real Estate Management also leverages PeopleSoft Human Capital Management solutions for employee and organizational information used in space management. To further streamline processes and reduce workplace costs, Real Estate Management can be combined with Maintenance Management for facilities maintenance and IT Asset Management for tracking and managing software and hardware.

In Real Estate Release 9.1, we plan for the following enhancements:

- Property Site Selection and Acquisition
- Configurable Lease Monitoring
- Dynamic ChartField Overrides
- Additional Percent Rent Calculation Methods
- Common Area Maintenance (CAM) Audit/reconciliation Automation Enhancements
- Multiple Custodians Per Real Estate Asset

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Property Site Selection and Acquisition

Support for a completely new business process, ***Property Site Selection and Acquisition***, will provide the ability to manage the identification, comparison, and negotiation of candidate properties to add to an organization's real estate portfolio. Site acquisition is primarily centered on transaction management, which uses a new centralized site repository to identify and create site-specific data. Once the site repository portal is established with sufficient sites for selection, site acquisition requests can be submitted to document each property site under consideration for acquisition. The functionality will be further enhanced with full document management (file attachments) functionality to store documents, notes and conversations; and a new contacts address book for quick access to all relevant contacts. Comparisons of sites (with weighted scorings and rankings) are made based on defined attributes to facilitate the selection of the most appropriate site for the business requirements. Once the appropriate site candidates are selected, approval workflow can be generated to indicate preferences for which sites are the most appropriate. Once a site is acquired, the application can automatically generate an asset (in PeopleSoft Asset Management), a project (in PeopleSoft Project Costing), or a lease (in PeopleSoft Real Estate Management).

New Functionality

The site acquisition process will be in the following sequence:

- Setup site types that enable the user to pre-define the types of sites that are to be acquired. Site types can be Retail, Commercial, Residential and so on.
- Create attributes for each site type.
- Create or mass upload of sites under consideration.
- Contacts address book for quick retrieval of contacts.
- Create a Site Acquisition Request. Attach Sites, Contacts, Documents relevant to this transaction. Generate Comparison Matrix.
- Level 1 approval to select the finalized list of sites.
- Level 2 approval to select site(s) from the finalized list.
- Option to create Asset, Lease and/or Project from the final sites selected.

For each site type and business unit combination, users can access a setup page where they can select among the delivered site acquisition fields for inclusion in the SAR Comparison Matrix chart. By default, all fields are selected. When selected, the weighting field allows the users to assign a numerical value, which will be used in the calculations for the total weighted score of each site. Users assign a score of 1-5 (5 being best) and the system will calculate the score by multiplying the two numbers together.

The page is broken into grids that match the Site Repository tabs and the SAR Comparison Matrix grids. Based on BU and Site Type, the page contains effective date and effective status fields and essentially has three fields per row:

- The particular field attribute (location type, manager rating, and so on).

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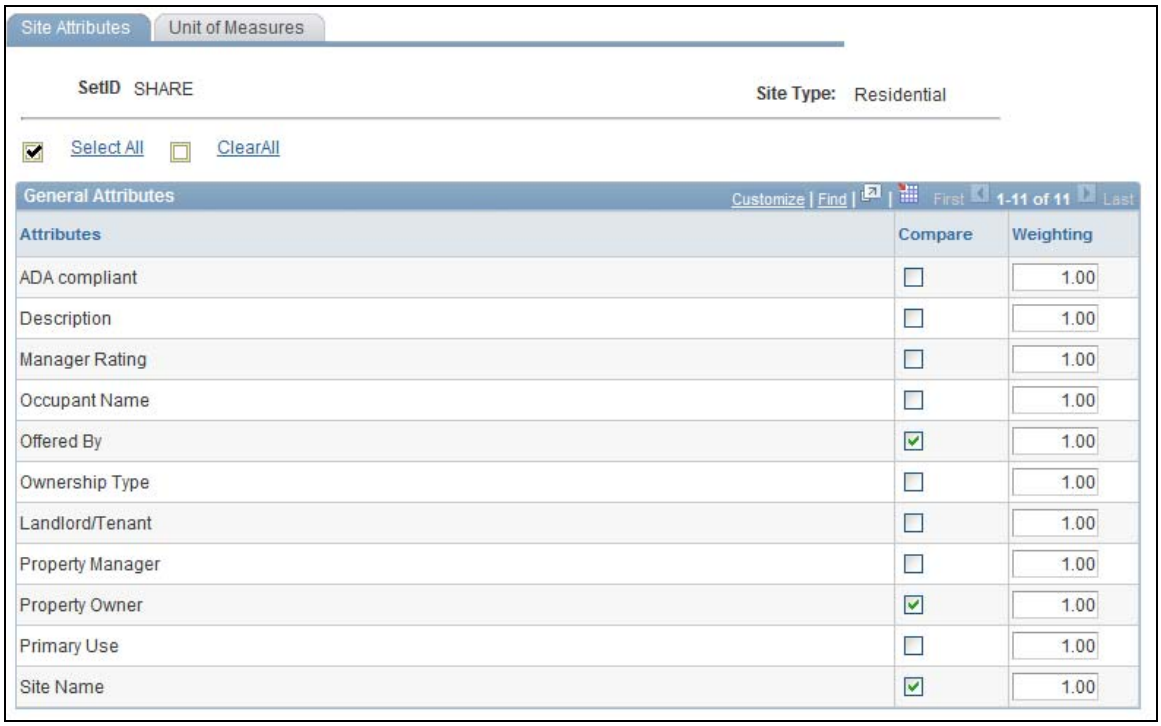
- A check box to indicate whether to display it on the SAR Comparison Matrix (selected by default).
- A weighting field that is a required field when the checkbox is selected.

The weightings and fields defined here will drive the grids in the SAR Comparison Matrix page, based on BU and site type.



Site Attributes page

Sites can be created based on the different site types set up by the user. When a site is assigned a site type, the supplemental data sheet displays the supplemental data fields related the site type. The contacts and documents related to a particular site will also be attached to the site.

Contacts can also be selected from the contacts address book, which is a new feature for Real Estate Management.

By providing a contacts address book, the user can maintain a list of users and simply select from the list. The page for entry of contacts should reside within Real Estate setup navigation, and could potentially be a clone of Customer Contacts setup, along with subpage inheritance of international globalization features.

Once the data for each contact is entered, you can access the contact via the modal search box when you click the Select Contacts from Address Book button on the Site Contacts tab. Any contacts selected from the address book will be displayed in the Site Contacts grid.

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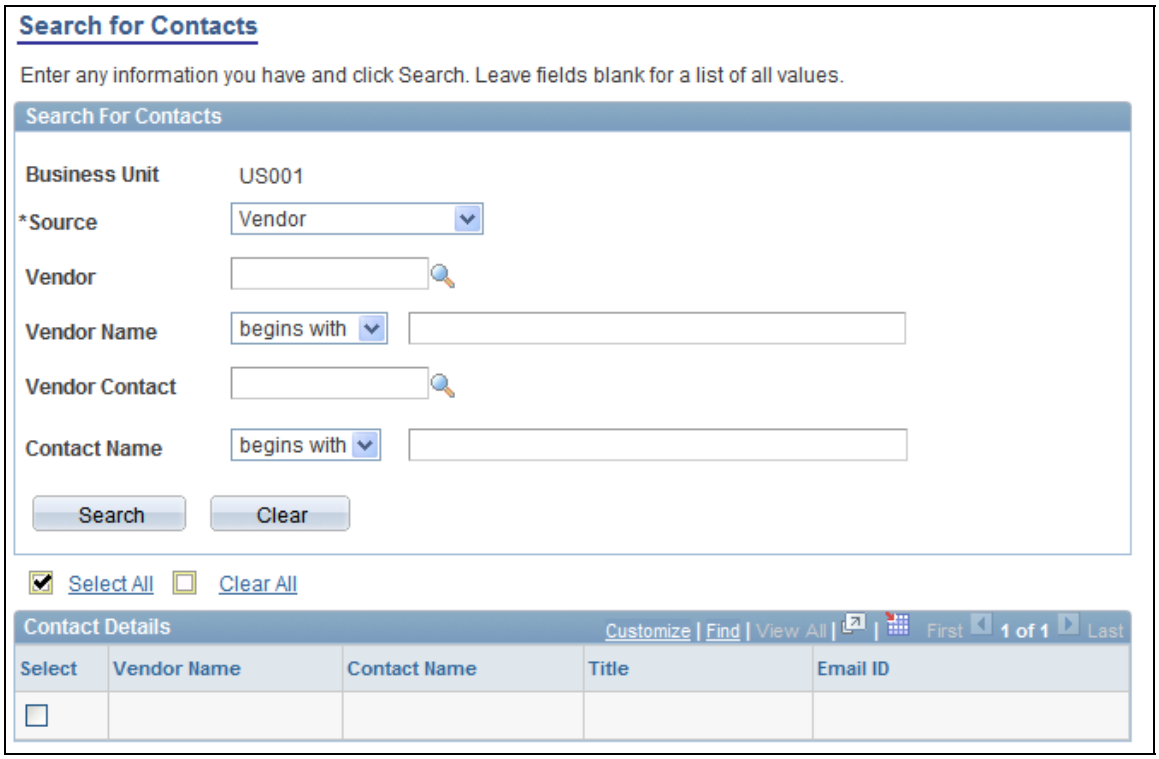
When selecting contacts from the address book, the user will have the option to select from their address book, or from a pre-existing vendor or customer. If a vendor or customer is chosen, the contacts attached to that vendor or customer will automatically be displayed in the Site Contacts list.



Search for Contacts page

The typical flow is that the RE Project Manager would, after approving a new site acquisition project be undertaken, assign team members to carry out this project. The PM or the Real Estate Specialist would create a new SAR and enter the beginning data. Once enough of the SAR's data has been entered, the attempt to activate it would take place. If the RE Specialist does not have the appropriate security level to activate, then they can only validate and correct errors. The Specialist can submit the SAR for activation, which would be left to the PM to accomplish. If the Specialist does have the appropriate security level to activate, then they can do so immediately. SAR activation does not use Approval Framework based roles.

Once activated, the SAR is still open for editing. Users can add or delete sites to the SAR up until the approval submission stage, when the final list of candidates should be selected.

The Requestor and Approver field represents the customer who actually requested the SAR project. The customers or the project manager will also serve as approver for the SAR.

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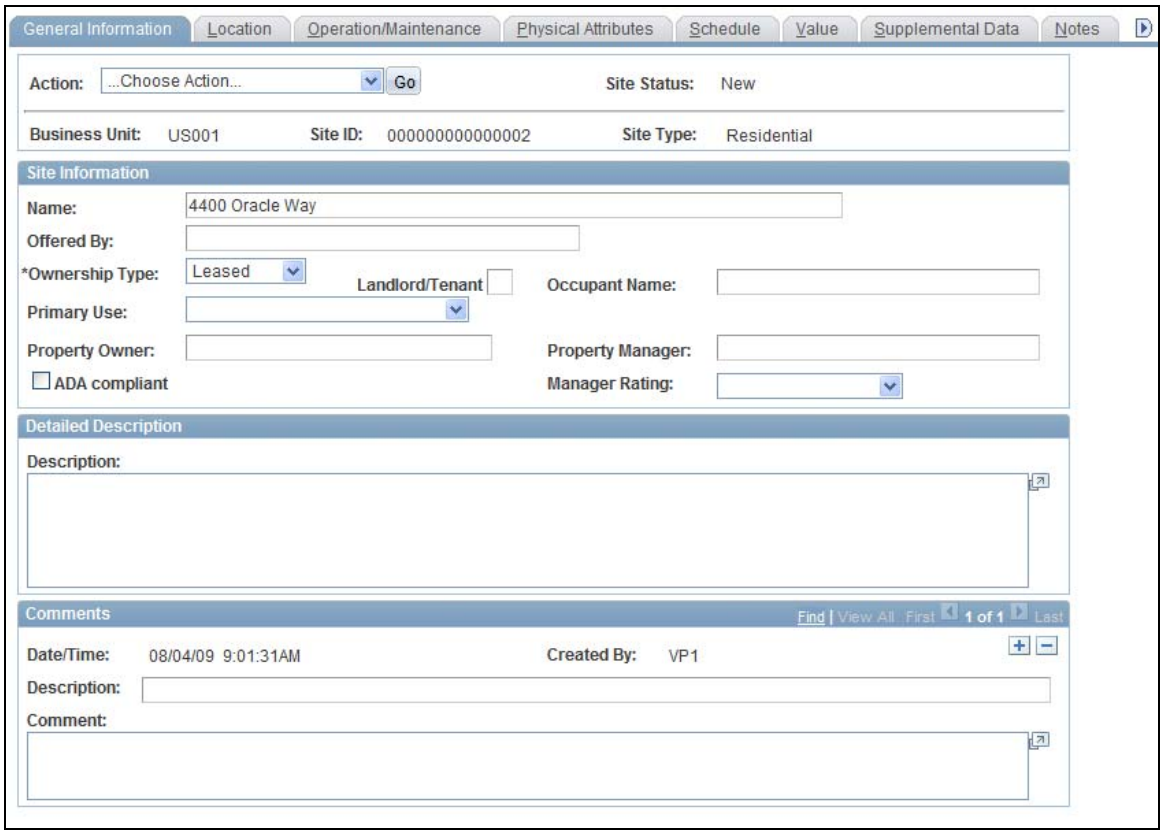

Site Acquisition - General Information page

The site comparison matrix will display all the sites and the attributes for the given SAR in the form of multiple grids categorized as per the Site Repository component.

The list of sites should form the columns (Y axis) and the attributes will form the X axis (rows). The user will be able to rate each attribute on a scale of 1 to 5; 1 being the least compatible and 5 being the best suited. After the user has entered the ratings for all the attributes the system will calculate the site best compatible by multiplying the score with the weighting for that row, then summing up the attributes for each site (total score). Each grid (category) will have an individual total listed, as well as a final summarization box at the bottom of the page providing grand totals.

The weightings for each attribute needs to be setup in advance, and is driven by business unit and site type, so that there can be different weightings for each site type. The weightings for each field are displayed on each row in display-only format, and are pulled from the setup table.

For each grid, there is a total possible score that is calculated by the system, essentially the sum of all the fields in that grid with the weighting value multiplied by 5.

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Any fields that are defined in Supplemental Data will be displayed on the Comparison Matrix, regardless of site type. There will be no ability to check on or off these fields in the Site Type field and weighting setup page, nor will there be any capability of assigning individual weightings to each of the user defined fields. However, there will be one field available on the setup page, which is the weighting for ALL supplemental data fields. Once this value is set for the site type, then all comparison matrix supplemental data fields for that site type/BU combination will use the same weighting in the calculations.

Although setup of the weightings and field selection by site type page is required, the use of the weightings to generate the scores is optional. If a customer does not choose to assign weightings, the default weighting value for all fields is 1.0, which essentially means no additional weight.

The Comparison Matrix grid will have all the generic and supplemental fields defined for the site. The attributes will be displayed in individual grids categorized based on functionality as they were defined on the site in the site repository. The categories and individual grids are:

- General Information
- Location Details
- Physical Attributes
- Site Value
- Operation/Maintenance
- Schedule
- Supplemental Data

Comments can also be entered for each row, as well as in a large comments box in the bottom final summarization box. The Last Modified field will records a user and date/time stamp anytime this field is modified and saved.

When the SAR is in a Pending state, all of the data fields are open, and an Activate Site Acquisition Request button is available on the page. This button duplicates the Activate functionality in the Action drop down list box on the SAR Details page. The system can calculate the scores and display a ranking of high to low scores based on the data entered. However, while the status is Pending, you cannot update which sites should be finalists.

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SAR Details | Comparison Matrix | Options and Critical Dates | SAR Notes | SAR Analytic | SAR Contact

Unit: US001 **Status:** Evaluating Finalists

SAR ID:	Site Type:	Site Acquisition Request Name:
000000000000001	Residential	SAR with 2 Sites

You can assign a score (1 through 5, 5 being best) for each of the site comparison data fields below. The individual scores, combined with the Weighting listed for each field(defined at Setup), will determine a total score summarized at bottom, with a rank listed based on the highest to lowest scores. The approver will be able to specify their own ranking irrespective of the system-generated totals, which should be considered a desired override of the score-based rankings.

General Attributes

Attributes	Weighting	Site 000000000000015 Site-11	Rating	Site 000000000000016 Site-12	Rating
Offered By	1.00	SMITH	3	SMITH	3
Property Owner	1.00	SCHUMACHER	1	SCHUMACHER	1
Site Name	1.00	Site-11	2	Site-12	4
Total Score for General Attributes:	**15.00 (Possible)**		**6.00**		**8.00**

Location Attributes

Attributes	Weighting	Site 000000000000015 Site-11	Rating	Site 000000000000016 Site-12	Rating
Address Line 1	1.00	Whitefield	3	Whitefield	3
Location Rating	1.00	Good	4	Good	1
Location Type	1.00	R3	1	R3	5
Total Score for Location Attributes:	**15.00 (Possible)**		**8.00**		**9.00**

Maintenance Attributes

Attributes	Weighting	Site 000000000000015 Site-11	Rating	Site 000000000000016 Site-12	Rating
Construction Year	1.00	2005	2	2005	1
Property Age	1.00	36	2	36	3
Property Condition	1.00	Excellent	1	Excellent	4
Total Score for Maintenance Attributes:	**15.00 (Possible)**		**5.00**		**8.00**

SAR Request – Comparison Matrix page

Once a SAR is activated, it enters the Active status. The Activation process allows another user to review the data entered for accuracy. If the Specialist did not have the security needed to activate, that task is left to the Project Manager. They would receive notification that they need to activate, then would open the SAR, review the data, modify if needed, and then activate. Activation does not use Approval Framework roles.

Once active, the user has the new ability to check which sites in the Comparison Matrix are being proposed as finalists, and a new button for submitting the SAR for review and approval. In addition, the Action drop down on the SAR Details page will have the following selections:

- Cancel Site Acquisition Request
- Submit for Approval

At submission, the submitter has the ability on this page to identify the finalists they are proposing for acquisition, however, they cannot choose the Adjusted Ranking. That is left to the Approver.

The approval step enables the project team to proceed with acquiring the sites under consideration, based on the rankings in the Comparison Matrix. The Approval Framework will be used for this approval, and can be configured to require one or many approvers based on customer needs.

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SAR – SAR Analytic page

Both the Project Manager and the individual selected as the Request or Approver can approve the SAR for acquisition.

This functionality will be delivered with a basic Approval Framework template, where the Requestor or Approver is the individual that the SAR would be routed to for approval. The approvers defined in Approval Framework roles will receive a notification and task list entries. The approvers would be redirected to an approval page from the task list. The approval process will leverage all the features provided by Approval Framework including Adhoc approvals, escalations, re-assignment etc.

Once the finalists are researched and documented, the rankings of the sites to be acquired can be adjusted so that the final order of sites to be acquired can be identified. Based on the Adjusted Ranking and the comments field below it, the Approver can identify the order in which the sites are to be acquired, and/or whether the team should acquire one or all of the sites.

All fields in the Evaluating Finalists status remain open for editing. In addition, the Approver has the ability to override the finalists as proposed by the submitter. Any finalists with the check box selected will make the Adjusted Ranking field available for entry and allow the Approver to indicate the priority order of the rankings, effectively overriding the system-generated overall ranking (which primarily serves as a guide).

When the SAR is in the Evaluating Finalists status, the Action drop-down list box on the SAR Details page will have the following choices:

- Approve Site Acquisition Request
- Deny Site Acquisition Request

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If the approver denies the SAR, the system will require the approver to enter a comment indicating why they are returning the SAR to the submitter. In addition, the SAR goes back to the Active state so that the submitter can enter in additional information.

On approval, the SAR status changes to Site(s) Selected. At this point the SAR is read-only. In this status, the options available in the Action drop-down list box on the SAR Details tab are:

- Cancel Approval – Return to Evaluating Finalists
- Approve – Generate Workflow to Finalize Site(s) Acquired

Once the sites have been selected for acquisition, the project team will attempt final negotiations and acquire one or many sites as defined in the SAR. This negotiations and final acquisition process occurs outside the system. Once confirmation is received that a site, or sites, have been actually acquired, then the finalization process will take place.

During finalization, the user will have the option of creating an asset in Asset Management, a lease with basic information in Lease Administration and a project with basic information in Project Costing. Any data that can be transferred from the Site record (in the site repository), or from the SAR will be copied over to the asset definition, lease, or project.

Configurable Lease Monitoring

Configurable Lease Monitoring will utilize the Approval Workflow Framework (part of PeopleTools 8.48 and later) to track specific clauses in a lease and whether or not the contract's legal parties are in compliance with lease terms. Monitoring of each lease clause can be activated, with status and deadline fields, along with an action selection (that is, Notify Only, Notify & Hold Payments/Invoices, Notify & Dispute Lease) to drive the response to compliance issues.

New Functionality

The transactions that will be supported in release 9.1 using the SCM Approval Framework are:

- Lease Transactions - Lease transactions should trigger workflows based on events setup on the workflow configuration. Tasklists will be created for the lease administrator or portfolio manager based on the role which would enable them to review the lease.
- Critical Dates – the existing Critical Dates functionality will be enhanced to be used in conjunction with the Approval Framework to generate workflows along with the existing mailing feature provided by the Critical Dates module. The reviewer of the Critical Date notification will be directed to the Lease Abstract worksheet to review the cause of the notification to take appropriate action based on the upcoming event.

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Transaction Queue monitoring - Financial transactions that are sent to the TQM manually, as in the case of Operating Expense, Security Deposit or Percent Rent, or recurring transactions like Base Rent, miscellaneous rent are created for the entire life of a lease when a lease is activated. If Auto Approval is not enabled, the portfolio manager or lease administrator should manually approve each transaction to enable it to be further interfaced to Billing or Payables. A batch process will identify all the transactions in the queue which are beyond a threshold setup in BU level and send notifications to the lease administrator or portfolio manager about the pending approval.

- Lease Clause Monitoring – Clauses attached to a lease can be monitored based on deadlines and subsequent actions can be taken on the lease. A batch process will identify any clauses which are not completed by the specified deadline. The Actions can be a Notification, Notify and Dispute Lease, Notify and Hold Transactions.
- Sales Amount Monitoring - When the sales amount exceeds the amount from the previous period by a certain percentage, a warning message is raised. The user then can proceed with the transaction or cancel the transaction. This functionality will be enhanced by using Approval Framework to create tasklists if the sales billing amount exceeds tolerance. The approver should be directed to an approval page from the tasklist. The transactions should be sent to the Transaction Queue only after approval.
- Operating Expense Monitoring – When the operating expense exceeds the expense from the previous period by a certain percentage, a warning message is raised. The user can then proceed with the transaction or cancel the transaction. This functionality will be enhanced by using Approval Framework to create tasklists if the operating expense amount exceeds tolerance. The approver should be directed to an approval page from the tasklist. The transactions should be sent to the Transaction Queue only after approval.
- Approval will be available at the header level.

Approval Framework will be used to create tasklists for notifying reviewers of Lease events described above.

The basic Approval Framework configuration including roles, paths and re-routing options will be provided as system data.

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Dynamic ChartField Overrides

All financial transactions generated by Real Estate Management will include the ability to book the transactions to appropriate accounting entries based on accounting rules. The new ***Dynamic ChartField Overrides*** functionality will provide a further ability to override the default setup for accounting rules if a specific transaction in a lease needs a different accounting treatment. Any recurring or ad hoc payment or invoice can be configured to override the standard setup and break down the entries by percent, amount, square foot or meter, and so on.

New Functionality

The interface application engines to Payables and Billing and the application engine that posts straight-line entries to General Ledger will be modified to use the accounting distribution setup on the lease financial term. If the user does not setup the accounting distribution on the lease financial term, the accounting distribution at the business unit level will be used.

Users will be provided with the ability to setup accounting distribution for the financial terms on the lease. The user will be able to add multiple distribution lines and also specify the method for distributing the rent. The user will have the ability to split the rent based on percentages, amounts or ratio of areas.

All ChartFields except the PC Business Unit, Project, Activity, Resource Type, Resource Category, and Resource Subcategory are supplied by default from the LA accounting rules setup at the business unit level. The user can override these values and also add multiple distribution lines. This is an optional setup and if the user does not setup the distribution at the lease financial terms level, then the accounting distribution at the business unit level will be used.

Additional Percent Rent Calculation Methods

Existing percent rent sales reporting functionality (for variable rent based on revenues) will be enhanced with the following ***seven additional percent rent calculation methods***: Weekly Sales, Each Period, Cumulative, Cumulative Pro Rata, Modified Cumulative, Partial Year Pro Rata, Lease Pro Rata. The calculation methodology will be the same as Cumulative Pro Rata. In addition, the ***percent rent terms setup*** will be enhanced to accommodate ***effective-dating of the percent rent breakpoints*** for situations in which the breakpoint charge amounts and percentages change over the life of the lease.

New Functionality

In Release 9.1, the system will support seven new computation methods. The system will use these methods to calculate the percent rent based on the sales reported.

Weekly Sales: The system will use the sales amount of a week to calculate the percent rent.

Each Period: The system will annualize the sales amount. It applies the lease breakpoints and de-annualizes to calculate the percent rent.

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Cumulative: The system will apply breakpoints on Year-to-date (YTD) sales amount and deduct prior YTD percent rent charges to calculate the current period percent rent.

Cumulative Pro Rata: The system will annualize the YTD sales amount. The system applies breakpoints, de-annualizes, and subtracts previous YTD rent to get the current period percent rent.

Modified Cumulative: The system will apply the highest breakpoint on YTD sales that exceeds first breakpoint. The system deducts the prior YTD percent rent to get the current percent rent.

Partial Year Pro Rata: This method is used along with the other methods if a tenant has moved in or out within a fiscal year that is specified in the system.

Lease Pro Rata: The system will use lease breakpoints to determine a billable amount and then distribute the percent rent among sales categories to prorate the billable amount. The calculation methodology is same as Cumulative Pro Rata.

The existing calculation method will be named Category Based Method. This will provide backward compatibility to releases 8.9 and 9.0. The lease administrator will select a computation method on the Percent Rent setup page of the Lease Maintenance component before activating the lease information. The lease administrator will need an amendment to change existing calculation method.

For all methods, sales reporting categories breakpoints should be set up to be used for entering and importing sales reports.

For the following two methods the user will be able to add multiple sales categories:

Category based method: The rent amount for the category is calculated by means of breakpoints defined for sales reporting categories and the rent amount for all categories will be summed up to calculated overall percent rent. This method will not use lease level breakpoint.

Lease Pro Rata Method: For this method both lease level and category level breakpoints are required. Lease level breakpoints will be used to calculate the total percent rent charge. The calculation methodology will be same as cumulative prorata method. The category level breakpoints will be used to distribute the total rent amount among different sales categories. If this method is selected the page shall display both lease and sales reporting category level breakpoints details.

For the following methods, the user will be able to set up only one category for reporting:

- Weekly Method
- Each Period Method
- Cumulative Method
- Cumulative Pro Rata Method
- Modified Cumulative Method

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For most of the calculation methods, the percent rent will be based on the sales reporting category breakpoints. Only for the lease prorata method, lease level breakpoints will be used for calculating percent rent.

Lease level breakpoints will be editable only when the lease is in a pending or amendment status.

The system will allow entering multiple breakpoint levels.

The Operator field will allow the property owner to bill the tenant either a fixed bill amount or a percentage of the reported sales or both.

The system will validate required values based on the operator selected:

The Percent Rent calculation is a positive percentage when Percent selected.

The system will need a positive value when Amount is selected.

The system will need both positive percentage and amount when Both is selected.

Because the lease is a contractual agreement between two parties, any changes that are fundamental to the lease agreement should be performed only through a lease amendment. In case of percent rent terms, any changes to percentage rent (including calculation method) will require a lease amendment. The amended terms will be applicable to all new sales reports, existing pending sales reports and sales reports revisions. The effect of the amendment to all other fields will be same as it was in release 9.0. For new fields the effect of amendment will be as follows:

- Partial Year Proration check box: If the user selects or deselects the Proration checkbox, then all new sales reports, existing pending sales reports and new revisions of the old report will be calculated as per new percent rent terms.
- Calculation Method: It is advisable to complete sales report processing for all the past periods of the year and then activate the lease amendment for a change in percent rent calculation method. After an amendment, all new sales reports, existing pending sales reports and new revisions of the old reports will be calculated as per the new percent rent terms. There is a limitation if the calculation method is changed by amendment during the year; if the sales categories on the amended setup and the old setup do not match, then the calculations will not be correct.

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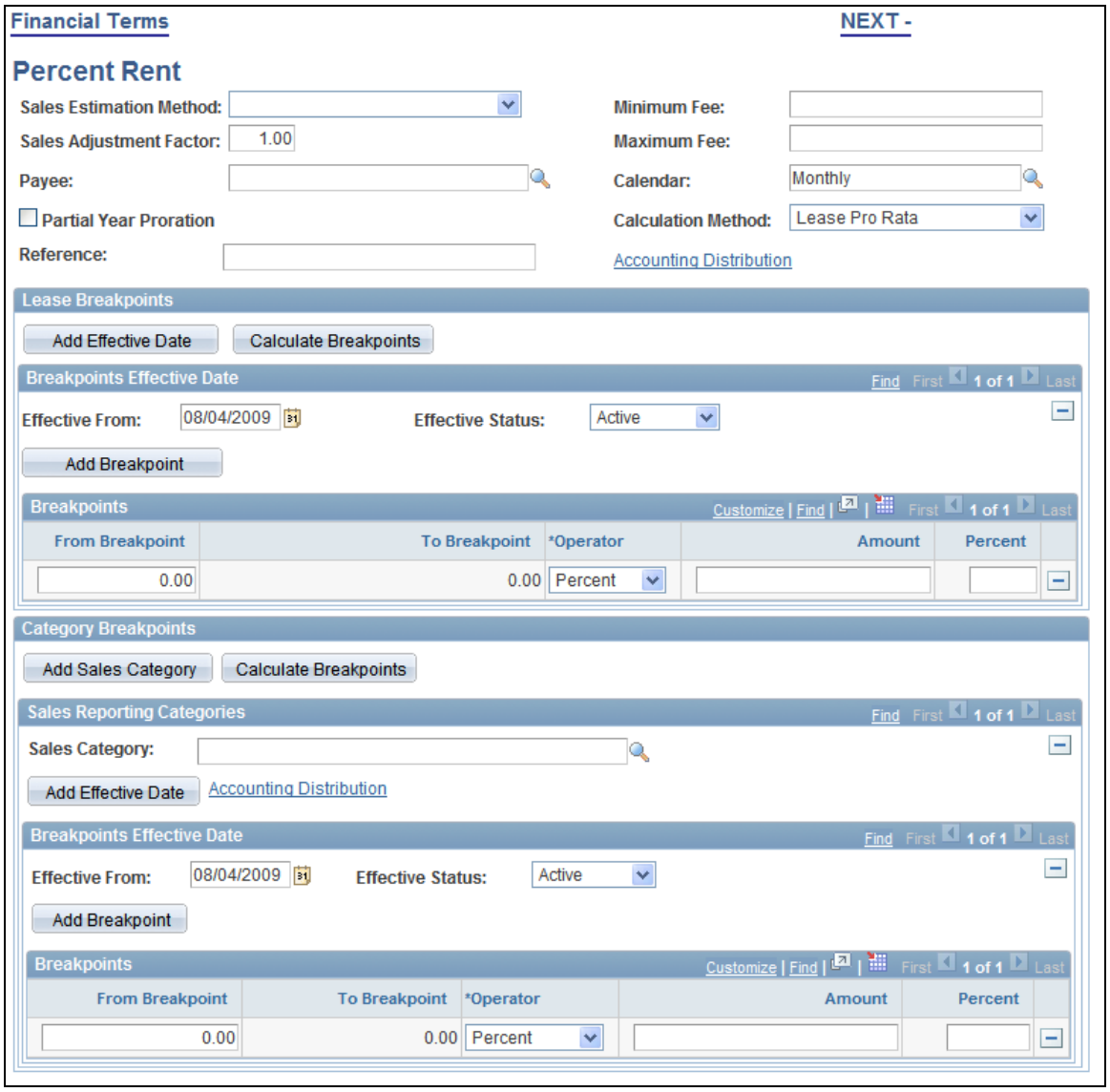

Financial Terms – Percent Rent page with Lease Pro Rata selected as the calculation method

The Lease Abstract and Lease Abstract worksheet will be modified to include the Sales Computation method and the Partial Year proration fields. The Lease Abstract and Lease Abstract worksheet should also include the lease breakpoints.

Common Area Maintenance (CAM) Audit/reconciliation Automation Enhancements

There will be further ***Common Area Maintenance (CAM) audit / reconciliation automation enhancements*** for complex calculations were added to provide a comprehensive solution to fully automate process of CAM audits/reconciliation. Included are determination of the tenant's pro-rata share of expenses, adjustments for building occupancy, adjustments for anchor tenant contributions, advanced methods of applying caps, additional methods of charging admin fees, and improved catch up payment functionality.

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New Functionality

In Release 9.1, the CAM Audit/reconciliation feature will be enhanced to include all complex calculations to provide a comprehensive solution for fully automating process of CAM audits/reconciliation. This includes following:

- Calculation of the tenant's pro rata share of expenses using any of the following methods:
  - Fixed Percentage
  - Gross Leasable Area
  - Occupied Area
  - Occupied Area with floor
- Adjustment of the tenant's share of expenses for building occupancy. (expense gross up).
- Advance methods of applying caps to either landlord total expense or to the tenant's prorata share. In addition to amount based caps, the following three methods will be supported:
  - Percent
  - Indexed
  - Lesser of Percent or Indexed
- Two new methods of charging administration fees in addition to the existing amount based method.
  - Cash
  - Accrual
- CAM adjustments for anchor tenant's contributions.
- Catch-up payments functionality based on revised estimated payments.

Multiple Custodians Per Real Estate Asset

The system will be able to support ***multiple custodians per real estate asset*** to support multiple people in the same space, such as a shared office or cubicle. This will enable tracking and reporting of the occupants of a property.

New Functionality

In release 9.1, a new component will be created to capture the occupant(s) information for a property.

The Occupants information page captures the occupant(s) details such as employee ID and user ID (depending on the occupant type which may be Employee or User), name, department, move-in date, move-out date and Occupant's Employment status.

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The Property Occupants Report is a new online report that will enable the user to search and list all the occupants of a property. The results grid on the page displays the occupants by property based on the report parameters entered by the user.

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Program and Portfolio Management Business Process Overview

PeopleSoft defines the business process associated with managing projects and services as Program and Portfolio Management. This business process, enabled by the PeopleSoft Enterprise Service Automation (ESA) solution, helps your organization optimize and manage resources and projects for both internal departments such as information technology (IT) and external customers. The key to optimizing resources and projects is to intelligently plan your project investments by comparing and contrasting initiatives to select the right portfolio mix. Using planning and analysis tools, you are assured that your initiatives align with company objectives while monitoring financial impact and risk. When it is time to resource your project investments, you are able to efficiently find the right people, whether they are internal employees or external contractors. You can maximize the utilization of your employees' time and skills, which leads to greater project success, productivity, and employee satisfaction.

While executing your project initiatives, Program and Portfolio Management provides full visibility into the time, expenses, budgets, and forecasts related to project delivery. By monitoring your projects throughout their lifecycle, you have the insight needed to control project cost, duration, and success. When it is time to charge another department, external client, or just manage the accounting for your projects and resources, ESA completes the process by handling all the accounting to get full financial control over your projects and resources.

Program and Portfolio Management Business Process

The Program and Portfolio Management business process consists of five phases:

- The Evaluate phase identifies and catalogs project investment requests, prioritizes new and existing projects and performs what-if analysis for various portfolios of projects to determine where to invest resources to achieve maximum business value.
- The Plan phase enables the development of detailed project plans including scope, deliverables, tasks, milestones, resources, estimates, schedule, and contract, and allows for the review and approval of project budgets.

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- The Source phase procures the required labor, material, and asset resources necessary to successfully complete the project, assigns the resources to projects and activities, and optimizes the resource plan.
- The Execute phase captures and costs project transactions, tracks project status, manages issues, forecasts remaining work and allows for the adjustment of a project according to changes to resource, scope, or schedule.
- The Complete phase reviews project costs authorizes billing or internal chargeback to the organization for whom the project was performed, generates appropriate accounting transactions, capitalizes project costs when creating or maintaining an asset, and provides an overall assessment of project performance.

PeopleSoft Enterprise Service Automation (ESA) solution enables project-centric organizations and departments to establish core operational processes that support full project lifecycle management—across operations and finance—from project selection, planning and staffing, through execution, cost control, and analysis. ESA provides a single, accurate view of all project-related activities so you can choose and prioritize the right projects, assign the right resources, proactively streamline execution, account for project work, and track performance. ESA is intended to be your platform for driving the project lifecycle of planning, budgeting, executing, accounting, and closing, regardless of whether the projects are for-profit, grant-funded, or internally focused.

The following sections describes the Program and Portfolio Management features and enhancements, by products, which are planned for in PeopleSoft Enterprise Service Automation 9.1.

Program Management 9.1

PeopleSoft Enterprise Program Management provides project managers the visibility and control they need to deliver projects successfully, improve profitability, and operate more efficiently. In one repository, organizations can consolidate all of their project information: work plans, progress, issues, changes, documents, costing information, budgets, actuals and forecasts, performance, and status reports. To ensure that project and program managers can manage the most complex of massive projects with ease in Program Management, Release 9.1 plans to focus on usability, integration options to third-party scheduling tools, and information visibility.

For Program Management 9.1, we plan to include these enhancements:

- An ***updated integration to Microsoft Project 2007*** including support for the new features contained in the current version of Microsoft® Project.
- Several ***usability enhancements***, including a more comprehensive search feature, allows searching by project or activity descriptions rather than only project or activity IDs.

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- More flexibility will be added to allow a **customer-definable number of levels to the Work Breakdown Structure (WBS)**. The existing limitation of no more than 9 levels to the WBS will be increased to 26 levels, which should enable coverage of the most complex project plans.
- The visual **Gantt chart** display of the project plan will be enhanced to determine and display the **critical path of activities**, and a ***new Gantt chart filter view*** will provide the user with the ability to view all tasks, critical path tasks, and milestone tasks.
- The PeopleSoft Enterprise Program Management, Project Costing, and Resource Management applications will be thoroughly ***web service enabled*** to lower the cost of integrating the PeopleSoft ESA suite of applications to other project-scheduling tools, such as Oracle's Primavera P6.

New Functionality

The work breakdown structure (WBS) is a visual representation of a project that shows project activities. The WBS is typically displayed in a hierarchical view or Gantt chart view on the Project Activities page, where you can view all summary and detail activities. The WBS level is stored in the PROJ_ACTIVITY table.

You determine the number of WBS levels for the business unit on the Project Costing Options page. The maximum number of levels will be 26. You can create a structure on the Project Activities page up to the number of levels that you enter on the Project Costing Options page. The maximum number of levels is also available when using the Expand option on the Project Activities page.

New Functionality

The Project Activities – Gantt Chart page will have a new option to view the critical path. Critical path activities will appear in orange.

The critical path will identify each activity path in the project by using the activity hierarchy as well as the chain of dependencies plus their constraints. It will then determine the activity path that has the latest end date. The activity path that has the latest end date will be the critical path.

Resource Management 9.1

Success in delivering projects with a limited pool of resources depends on finding the right resources for the job, balancing resource supply with demand and empowering employees. PeopleSoft Enterprise Resource Management helps you identify and deploy resources in the most effective way. Easy access to resource schedule information, and support for ever-changing personnel schedules, are critical to enabling effective resource management. We plan the following enhancements for PeopleSoft Resource Management 9.1 are designed to improve the quality and speed of decision making for those charged with optimally deploying resources:

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- From the Staffing Workbench, an option will be provided on the Manage Utilization page to have ***an alternate display view of the resources*** in a grid format that shows the resource utilization and availability through time (daily, weekly, monthly). The change will enable users to scroll to the left (previous weeks) or right (subsequent weeks), moving the timeline displayed in the grid. A Go To link is also provided to select a date to allow skipping several days, weeks, or months without having to scroll in the page several times.
- In addition, users will also have the option of being able to ***change the granularity of the columns displayed in the grid*** and be able to choose whether the cells display a number of man-hours or man-days.

Several enhancements to the ***Resource Profile*** are planned including the ability to ***change future eligibility*** while a resource is not active and ***assignment status is Cancellation or Complete on the prior day of separation***. This feature will allow a resource to be assigned to future projects even when he or she is currently ineligible (or Employee Status is L (Leave of Absence), P (Leave with Pay), W (Short Work Break), Q (Retired with Pay), R (Retired) and X (Retired-Pension Administration), by considering his or her future reinstatement. It also will enable assignment creation while ***skipping the ineligible days during the assignment period with the Skip Ineligible option selected***, and it ***compares the future availability of the resource against the service request date ranges*** to ensure complete assignment coverage.

New Functionality

The system will consider employees who have gone on leave or are retired, i.e., employees whose employee status is L (Leave of Absence), P (Leave with Pay), W (Short Work Break), Q (Retired with Pay), R (Retired) or X (Retired-Pension Administration) for modifying future eligibility. The staffing administrator will have the ability to change the employee's status back to eligible based on when they return from leave or retirement. The staffing administrator will not be able to set the resource to active prior to the return date. Once the future eligibility is set, the staffing administrator can then create an assignment on or after the date that the resource is back to work.

The cancellation date (DATE_IN_EFFECT) on the Assignment status record (RS_ASSIGN_STS) will be one date before the termination date. When Resource Management employees are terminated from HRMS or from the Job details page in the Update Employee Data component, their assignments will be canceled as of the date prior to the termination date.

The system will enable assignment creation while Skipping the ineligible days during the assignment period if “Skip Ineligible Days” Feature is turned on, else system will ensure that assignments cannot be saved for the dates when the resource’s employee status is I (Inactive), D (Deceased), S (Suspended), T (Terminate), U (Terminate with Pay), V (Terminated Pension Pay Out) or ineligible to be staffed.

When searching for dates that include dates on which the resource is ineligible, the Staffing Workbench search results will return the resource with the availability score properly reflecting the availability within the date range.

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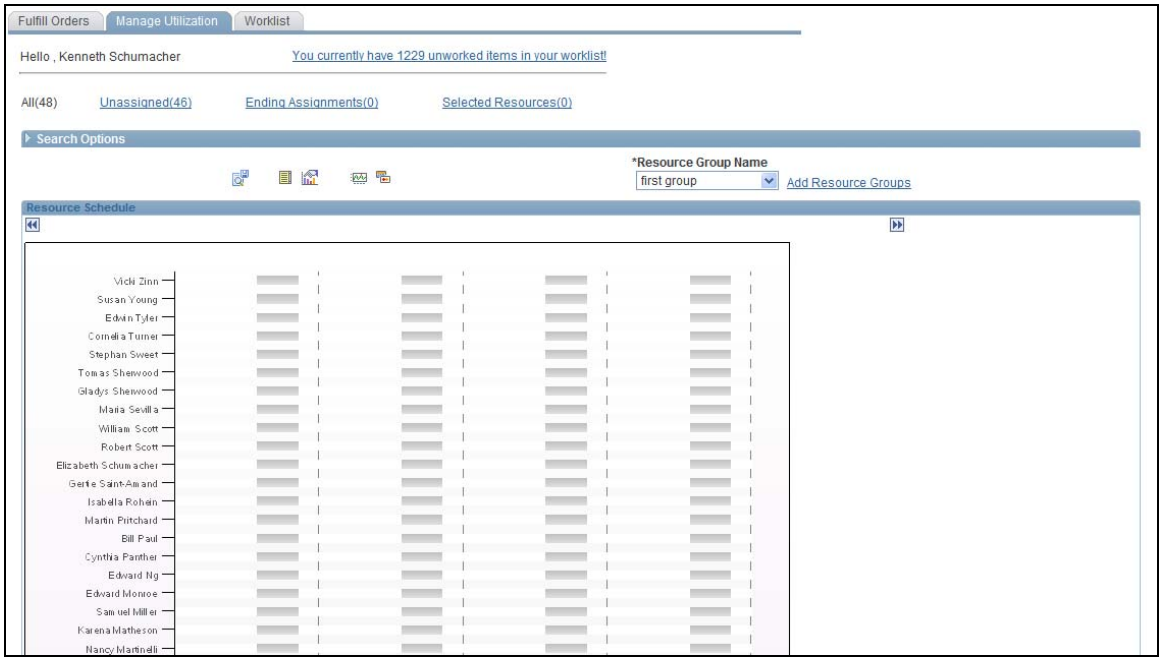
An option will be provided on the Manage Utilization page to have an alternate display view of the resources in a grid format that shows the resource utilization and availability through time (daily, weekly, and monthly). On the top of the grid, users will be able to scroll to the left (previous weeks) or right (subsequent weeks), moving the timeline displayed on the grid. Users will also have a Go To link available that will allow them to select a date and skip several days, weeks, or months without needing to scroll several times.



Manage Utilization page with resource grid displayed

Users will also have the option of being able to change the granularity of the columns displayed on the grid. A radio button will enable the user to choose whether each column represents a day, a week or a month. Users will also be able to choose whether the cells display a number of man-hours or man-days. These options are setup on the My workbench user options page.

Availability Calculation will now consider Hours per day from the (PS_JOB) Job table on the basis of the Resource Request Date range or Express Search Date range. This enables staffing coordinators or practice managers to search based on future effective dated rows and effectively plan for the future for their available resources in the most efficient way.

Expenses 9.1

Travel and Expense (T&E) management solution is a critical component for an organization's business strategy to control costs, increase employee satisfaction, and improve the bottom line. Despite new technologies to improve processing, the challenge in most organizations is that of limited resources, limited budget spend and compressed timelines.

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The implementation of best practices is helping organizations take control of their fragmented T&E spend by reducing cost and time to manage expenses. In PeopleSoft Expenses Release 9.1, we plan for the following enhancements:

- Integrated performance management
- Global compliance and controls
- Streamlined financial processes

Integrated Performance Management

Reporting Enhancements

Organizations are looking for ways to optimize processes, increase profit by reducing costs, and improve compliance to corporate policies. Customers can gain benefits from visibility into who is spending and how money is being spent. With PeopleSoft Expenses 9.1, we plan to provide a new set of reports that enable customers to better control their largest indirect cost. Some of the reports delivered are: Expense Sheet/Travel Authorization versus Budget Report, Merchant Report, and Average Expense by Employee Report, Credit Card versus Other Spend Report, Employee Trend Report, Top Spenders Report, and Violators Report. The additional visibility through these reports will help organizations understand their spend versus budget, versus policy leading to better cost controls as well as improved contract negotiations with preferred vendors.

New Functionality

Expenses 9.1 will add nine new reports using the XML Publisher tool. Application engines will be created to extract the report data from the respective tables and populate a temporary table. PeopleCode will be used to create an XML document data file. This file is used by the BI Publisher (formerly XML publisher) template to generate the respective reports. New run control pages will be added to run these reports.

Global Compliance and Controls

Enable Approvals from Email

For a company to remain competitive during this era of globalization, it is imperative that its business systems keep pace with its corporate and financial goals. Managers are working around the globe with the need to work not only on a computer but also phones. With PeopleSoft Expenses 9.1, we plan to deliver a new feature to approve expense reports via email. This will streamline the approval process by reducing the time and the cost associated with approval.

New Functionality

PeopleSoft Expenses 9.1 will enable you to approve expense reports, time reports, time adjustments, cash advances, and travel authorizations using e-mail. You will be able to use email approvals to access PeopleSoft Expense transactions using email without requiring the user to sign into the PeopleSoft Expenses system. An approver will be able to receive an email that contains the detail of a transaction and can approve, deny, or send back the transaction.

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This will be accomplished through PeopleSoft Expenses email collaboration within the approval framework to send, receive, and process emails with interactive content using HTML.

Email approvals can be sent to a handheld mobile device or any email application capable of handling HTML or HTML attachments.

New Functionality

PeopleSoft Expenses 9.1 will add the ability to define risk templates. Risk templates will be used to control spending and enforce corporate policy for expenditures. Risk templates will define risk levels that are associated with an expense transaction. This will provide approvers the information they need to make an informed decision during the approval process.

You will be able to define up to five levels of risk for each risk template ID and transaction type. You will then select risk criteria for each level of risk. Risk criteria will be assigned:

- At the header and line levels for expense reports and travel authorizations.
- At the header level for time reports, time adjustments, and cash advances.
- At the line level for time reports and time adjustments only for billable hours.

When defining risk templates, you will select the setID and transaction type, assign a template ID, and then select criteria that tells the system when to display a risk indicator on approval pages.

You will also determine how an expense transaction that has risk is routed to an approver. An expense transaction will be routed to an approver by one of these methods:

- Through email, where the approver will have access to all of the information that needs to be approved.
- Through an email notification, where the approver will have to log into the Expenses system to approve the transaction.

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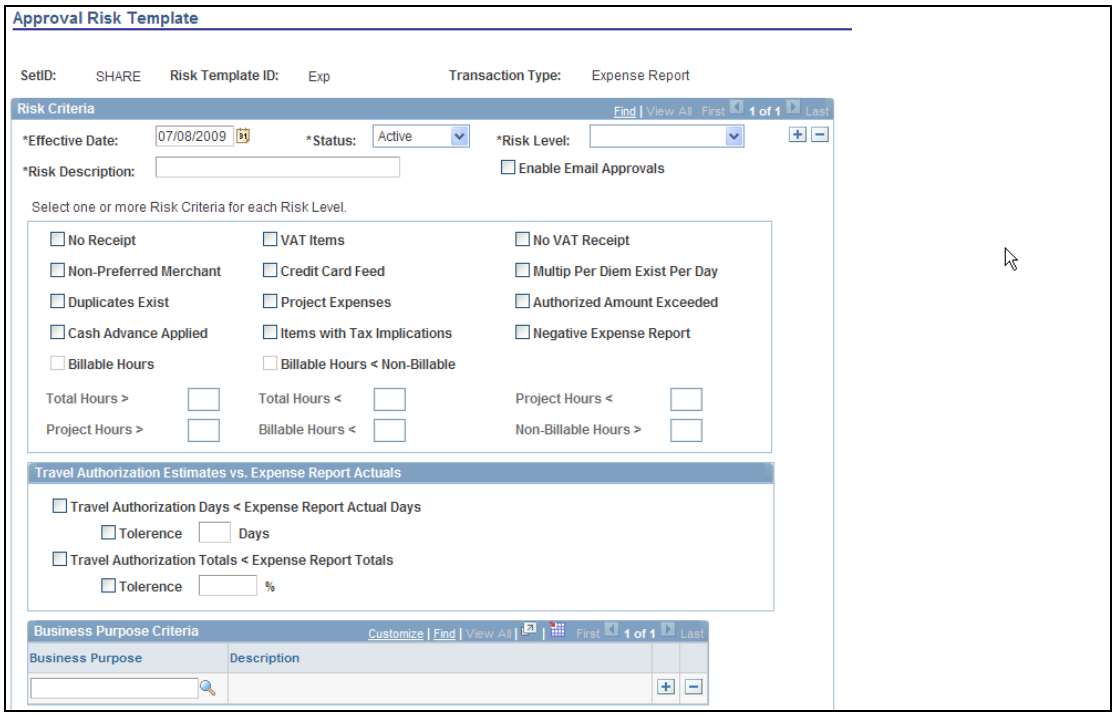

Approval Risk Template page

Streamlined Financial Processes

Automated Accrual Processing

Creating accrual accounting entries is a critical part of period closing to properly reflect the activity in the financial results. It is a manual process that takes time and resources. To further automate the tasks of the closing process and improve the timeliness of the process, we plan for PeopleSoft Expenses 9.1 to provide for the automatic accrual of expense reports and cash advances that have not been fully processed in Expenses. Customers will have the option to accrue for My Wallet transactions that have not been selected on expense reports. Reversals will be supported within Expenses. The accounting entries created by the new process can be viewed within the source and corrected before they are sent to the PeopleSoft General Ledger. Commitment Control will be supported in the new period end accrual process. Accrual documents created in the new functionality that affect encumbrance and expense budgets will be budget checked, and balances will be reflected against the Commitment Control ledgers.

New Functionality

PeopleSoft Expenses 9.1 will add the ability to process period end accruals. The Period End Accrual process will enable you to accrue for liabilities that have not been fully processed. This will enable you to post a liability to the general ledger and account for expenses in the next fiscal period.

The transactions that can be accrued at period end are:

- Expense transactions that match the criteria defined on the Period End Accrual Options - Document page.

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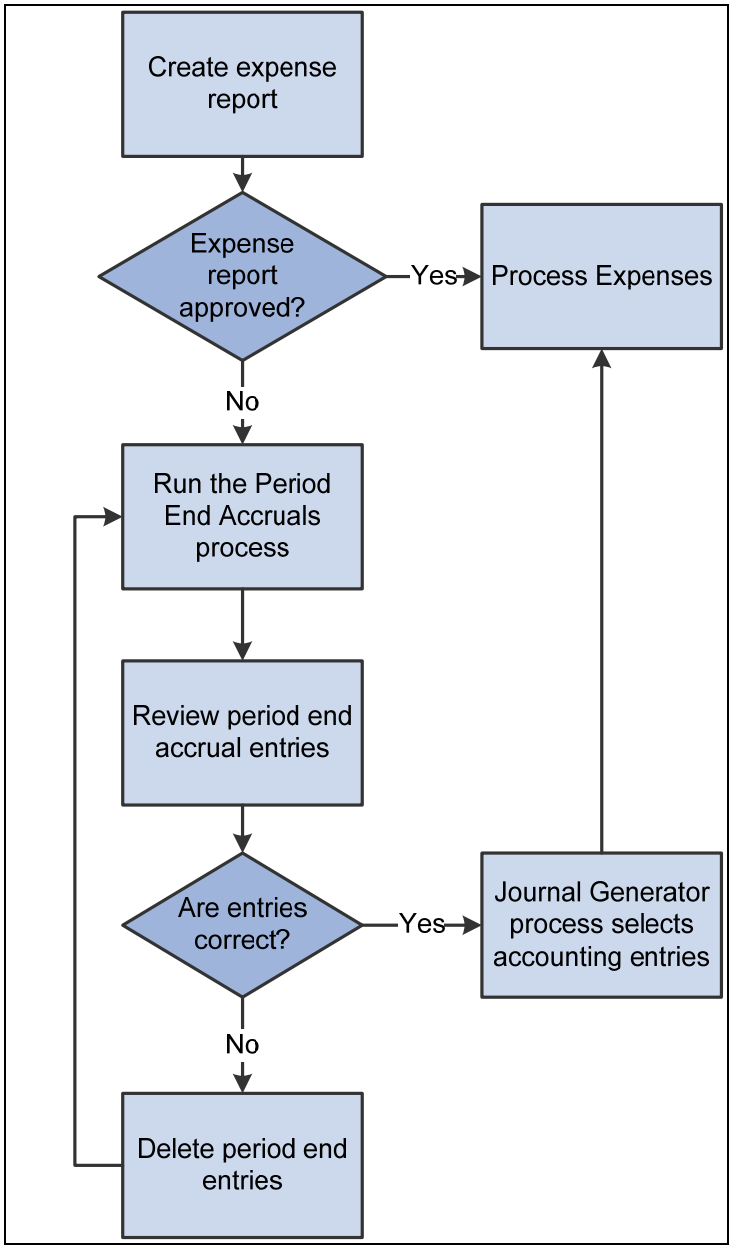
- My Wallet transactions that are not attached to an expense report.

This diagram illustrates the process of creating an expense report to processing entries through the journal generator:



The Period End Accruals process

Currently, when an expense report is created and approved it is ready to be processed to the general ledger. If the expense report is not approved, you will be able to process it through the Period End Accrual process.

The run control page of the Period End Accrual process will enable you to review the period end accrual entries. You will be able to remove entries from the process or initiate the process.

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The accounting entries that result from the Period End Accrual process will be able to be reviewed by a user. If the user determines that the accounting entry was created in error, he or she will be able to delete the entry. If the user determines that the accounting entry is correct, the Journal Generator will select the entry and the entry will be ready to be posted to the general ledger.

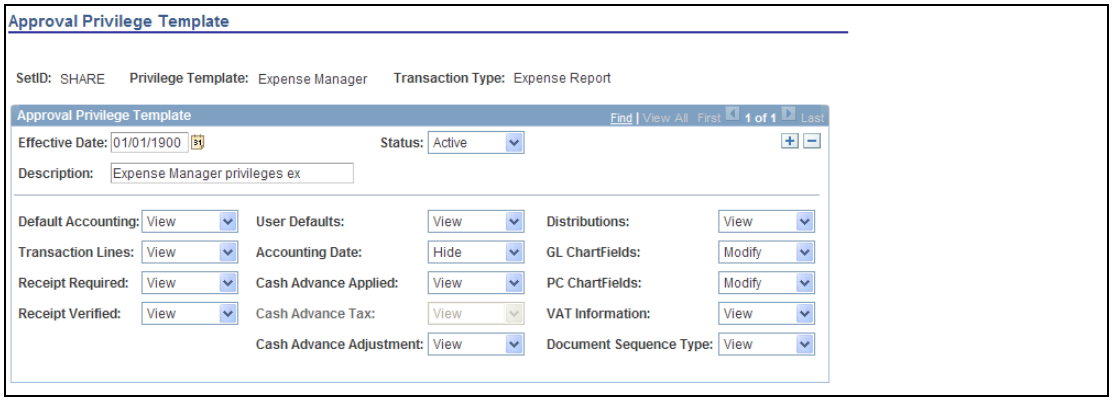
The Period End Accrual Inquiry page will enable you to view and inquire on existing accruals.

Privilege Template for Users

The Expenses function is used by almost about everybody in a company, from the casual user to the power user. Users need a simplified interface to reduce entry time. In PeopleSoft Expenses 9.1, we plan to deliver the ability to limit access and actions to end users by providing a Privilege Template. The privilege template will be enhanced so that accounting data appears based on expense processing roles. This enhancement will simplify usability for the many roles in the organization.

PeopleSoft Expenses 9.1 will add the ability to define employee privilege templates. Employee privilege templates will enable an organization to limit access to Expenses General Ledger and Project Costing ChartFields by user. Employee privilege templates will be used during on-line entry for expense report, travel authorization, and time report transactions.

You will be able to define an employee privilege template for all transaction types except cash advances. You will be able to assign an employee privilege template to an employee at the business unit level or at the employee role level.



Approval Privilege Template page

Level Three Processing for External Data Sources

Corporations have requested that their users itemize the detail costs of certain expense types such as hotel and car rental. Itemization is a time consuming process. In PeopleSoft Expenses 9.1, we plan to support receipt of level three data, providing a breakdown of the hotel charge through the credit card feeds. The user will not need to manually itemize expense details. This enhancement will dramatically reduce the time to create an expense report and improve the user's experience.

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New Functionality

PeopleSoft Expenses 9.1 will support importing level three detail data for hotel expense transactions that are charged on a Visa or MasterCard credit card. This data will be transferred into expense reports or My Wallet tables.

The Expenses Load External Data process will load the credit card vendor file that contains the main transaction and the level three data in the same file. However, the main transaction may come in a file prior to the level three data. For example, the main transaction might be sent in a file that a credit card vendor sends on Monday, and the level three information might be sent in a file that the same credit card vendor sends on Thursday. In this case, the system will incorporate delay days to connect the main transaction with the level three data.

If the delay days are greater than zero, all hotel transactions will be loaded into staging tables. This will include the main transaction data, the lodging summary data, and the lodging detail data. The system will retrieve the data from the staging table when the delay days are met. If the detail or summary data equals the total amount of the main transaction record, the data will be moved and appear on the My Wallet Detail page. If the detail or summary amounts do not match, only the main transaction data will be moved into My Wallet.

When the system loads transactions into My Wallet, the transactions are divided into new expense lines. The Load External Data process takes the summary or detail lines and breaks them into individual expense lines. The level three mapping table will be used to determine what expense type to assign to the new expense lines. The amounts that are in the appropriate fields will be mapped into transaction amount and transaction currency.

Credit Card Member Listing

Providing credit card data is a necessary task. The automation of this activity reduces the risk of fraud. In PeopleSoft Expenses 9.1, we plan to enhance this process by providing you the option to update employee profiles for credit card account changes received from the issuer (for example, new account number, canceled account, new expiration date, and so on). This feature will provide additional value to the upload of credit card information into the ERP system.

New Functionality

PeopleSoft Expenses 9.1 will enable you to add new accounts to existing profiles and update corporate card information for employee profiles. This will be performed during the Load External Data process.

When running the Load External Data process you will be able to:

- Load external transaction data.
- Load external maintenance data from American Express, MasterCard, and Visa such as:
  - New account information.
  - New employee profile information.
- Reprocess corporate card transaction errors.

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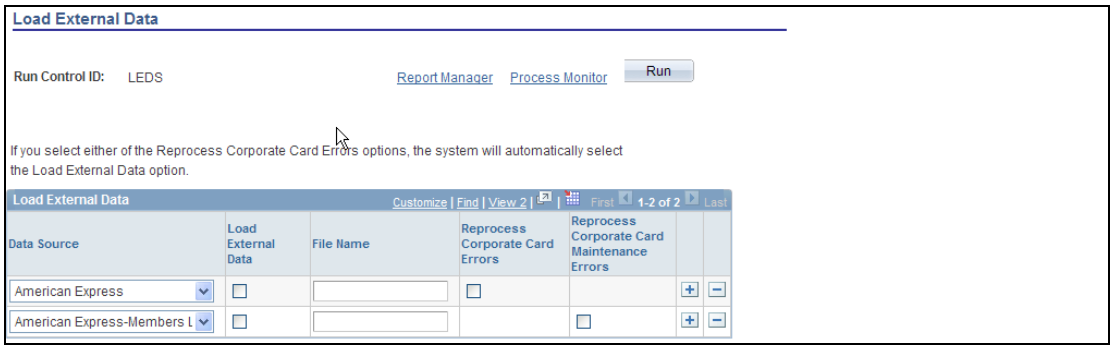
- Reprocess corporate card maintenance errors.

The Load External Data process will load valid data into the Expenses transaction table and will load invalid data into vendor-specific error tables. The data that is in error can be corrected manually.

The Load External Data process will have a reprocess corporate card errors option. The reprocess corporate card errors option will:

- Load data that has been corrected from the error tables.
- Update an existing account with the corrected data.
- Create a new account if the account does not exist.



Load External Data page

Project Costing 9.1

Project-centric organizations depend on having an accurate, timely picture of their project costs, budgets, revenue, and margin information. In PeopleSoft Enterprise Project Costing 9.1, Oracle will maintain its focus on providing powerful financial control tools; expanding its support for long-term, complex services engagements and capital projects; and continue to deliver easy-to-use system performance boosting capabilities for the world's largest of project-driven enterprises. With Project Costing 9.1, we plan to deliver the following enhancements:

- While the current PeopleSoft Project Costing and Program Management budgeting components permit budgeting for up to 36 periods, Release 9.1 plans to enable your ***organization to define the number of project budgeting periods*** you need***.*** The Budget Detail pages for PeopleSoft Project Costing and Program Management will be modified to enable the user to scroll horizontally through all budget periods within the budget details grid. The budget period column labels will change to reflect the new budget periods being displayed. Arrow paging buttons will be enabled when the page has more periods than can be viewed at one time.

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- In today's economy, having an accurate understanding of an organization's performance is more important than ever. Every day, project managers are tasked with finding out how to make their organizations more profitable. ***Project profitability and online analytics*** will be available with PeopleSoft Enterprise Project Costing to monitor project performance. These are the new features and metrics planned for in Release 9.1:
  - Ability to configure the revenue and cost analysis groups for calculating actual and forecast profitability.
  - Ability to show actual profitability trend in a graph.
  - Ability to review profitability details including the revenue, cost, budget, margin, and margin percentage at the project level and drilldown to activity details.
  - Ability to view the top 10 profitable projects.
- The ability to capture and charge payroll costs to projects via the full set of Project Costing ChartFields is a key business requirement of project-driven enterprises. While recording ***direct and indirect payroll costs to a project*** occurs outside of PeopleSoft Project Costing, users and administrators of the Project Costing application should be aware that PeopleSoft North American Payroll 9.1 will enable you to record direct payroll costs and payroll adjustments to the full set of Project Costing ChartField values. Furthermore, it will offer validation of Project Costing ChartFields on the PeopleSoft Time and Labor application pages. This increased consistency in the usage of delivered ChartFields between PeopleSoft Human Capital Management and Financials applications will streamline the flow of business data and improves the granularity of reporting and analysis.
- Because many of the world's largest project-driven enterprises use PeopleSoft Project Costing to budget, capture, track, burden, invoice, and capitalize costs, the application provides options for handling massive data volumes. A new capability planned will offer significant advancements in how organizations can control and store data. The enhancements planned for the ***Project Compression utility*** will offer more flexibility in how organizations maintain a high-performing system:
  - Allow additional filtering options on the Project Compression Run Control which includes filtering by analysis group, contract, and customized SQL.
  - Enable users to determine the level of detail to keep in summarized rows.
  - Enable users to determine the rollup level for dates (monthly, quarterly, or annually).
  - Track compression history.

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  - Allow compression to be reversed, which means that after rows are compressed and transferred to history, the application can restore all the details to the Project transaction table and remove the summarized rows.
  - Allow selective deletion from history tables.
  - Allow seamless integration with the Data Archive Manager.

- When the current General Ledger to Project Costing integration process (PC_GL_TO_PC) runs, the entire journal is distributed because the PC Distribution flag is maintained at the journal header level. However, some organizations prefer not to distribute journal data to Project Costing for all projects at the same time. The ***GL to PC Line Level Integration* process** will move the PC Distribution flag from the journal header to the journal line. By doing so, selected journal lines may be processed one day, while other journal lines within the same journal entry may be processed another day. Each journal line will have its own PC Distribution flag to indicate whether the line has been distributed.

New Functionality

PeopleSoft Project Costing 9.1 will remove the restriction of having a maximum of 36 budget periods. The Budget Detail and the Program Budget Detail pages will have a horizontal scroll bar to view all budget periods.

You will be able to import more than 36 periods of data from Microsoft Projects.

You will be able to create more than 36 periods of budget details from a Microsoft Excel spreadsheet when using the Load From Excel page.

New Functionality

PeopleSoft Project Costing 9.1 will enable you to analyze profit margins for individual projects. You will be able to view actual profitability trends, profitability details, and the top 10 profitable projects.

Actual profitability trends will be displayed in a graph format and in a grid. You will be able to enter two periods to compare and analyze values such as the actual revenue amount, the actual cost amount, the actual margin, and the actual margin percent for the period.

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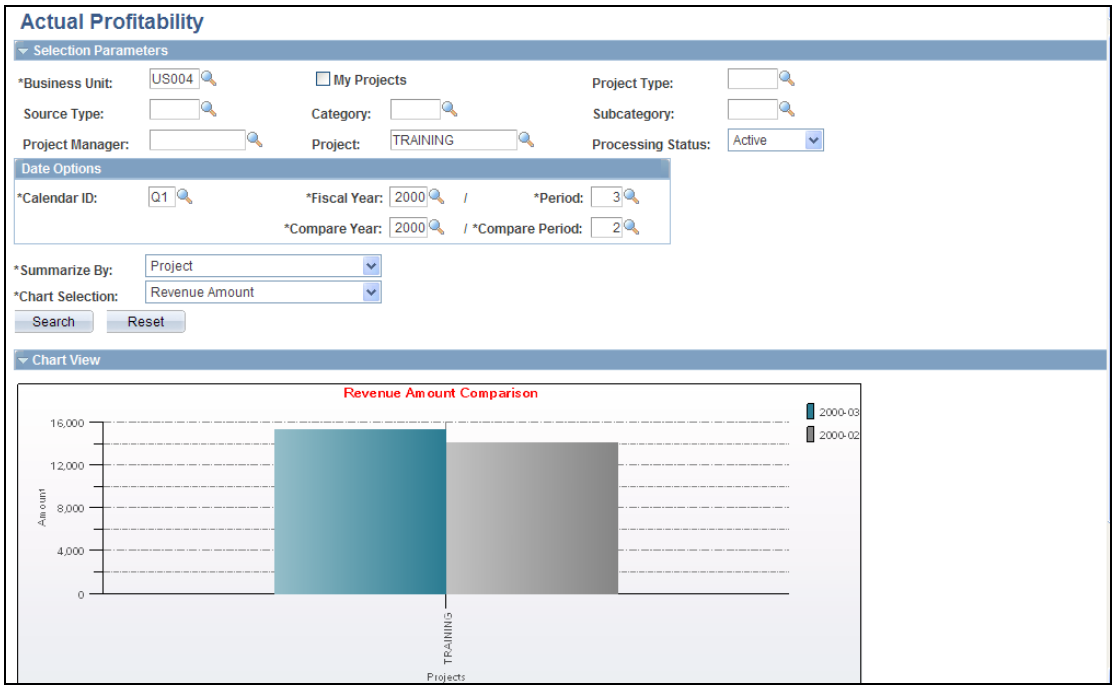
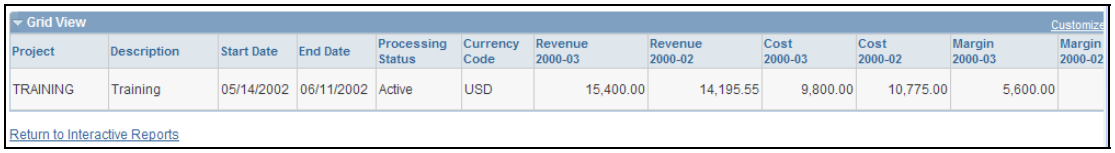


Actual Profitability page (1 of 2)



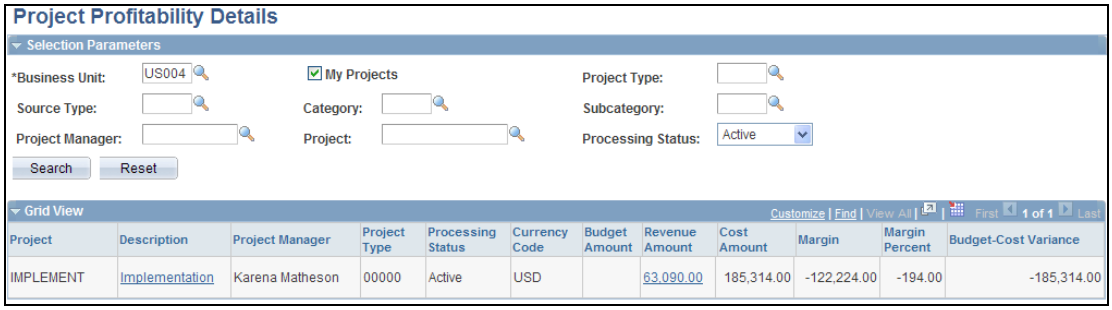
Grid View

Project	Description	Start Date	End Date	Processing Status	Currency Code	Revenue 2000-03	Revenue 2000-02	Cost 2000-03	Cost 2000-02	Margin 2000-03	Margin 2000-02
TRAINING	Training	05/14/2002	06/11/2002	Active	USD	15,400.00	14,195.55	9,800.00	10,775.00	5,600.00	

Return to Interactive Reports

Actual Profitability page (2 of 2)

Profitability details will include revenue, cost, budget, margin, and margin percent at the project level, and you will be able to drill down to details at the activity level.



Project Profitability Details

Selection Parameters

*Business Unit: US004 | My Projects | Project Type:
Source Type: | Category: | Subcategory:
Project Manager: | Project: | Processing Status: Active

Search | Reset

Grid View

Project	Description	Project Manager	Project Type	Processing Status	Currency Code	Budget Amount	Revenue Amount	Cost Amount	Margin	Margin Percent	Budget-Cost Variance
IMPLEMENT	Implementation	Karena Matheson	00000	Active	USD		63,090.00	185,314.00	-122,224.00	-194.00	-185,314.00

Project Profitability Details page

The top 10 profitable projects will be displayed in a graph format and in a grid. You will be able to display the 10 projects with the highest actual margin percent in descending order.

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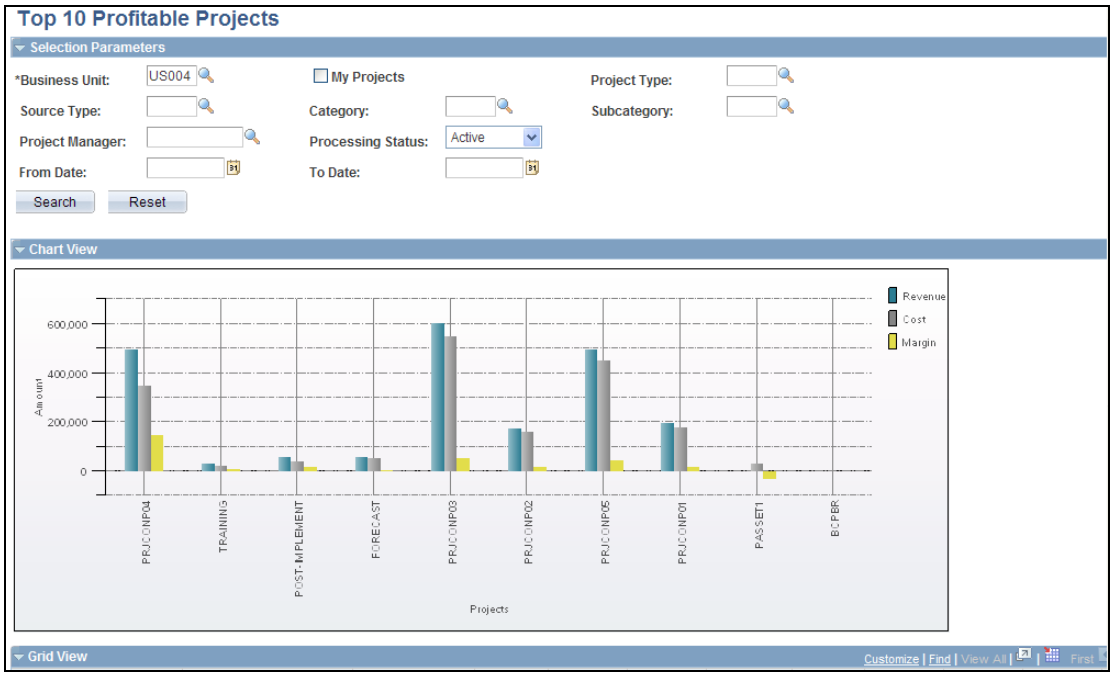

Top 10 Profitable Projects page (1 of 2)

Grid View

Customize | Find | View All | First

Project	Description	Project Manager	Project Type	Start Date	End Date	Processing Status	Currency Code	Revenue Amount	Cost Amount	Margin
PRJCONP04	Consulting Services			10/21/2003	10/21/2003	Active	USD	497,500.00	350,000.00	147,500.00
TRAINING	Training	Jennifer Luis	00000	05/14/2002	06/11/2002	Active	USD	29,595.55	20,575.00	9,020.55
POST-IMPLEMENT	Post-Implement	Jennifer Luis	00000	05/14/2002	06/11/2002	Active	USD	58,300.00	41,607.00	16,693.00
PRJCONP03	ESA INSTALLATION			10/21/2003	10/21/2003	Active	USD	605,000.00	550,000.00	55,000.00
PRJCONP05	Post Install Consulting			10/21/2003	10/21/2003	Active	USD	495,000.00	450,000.00	45,000.00
PRJCONP01	ALLOCATION			10/21/2003	10/21/2003	Active	USD	198,000.00	180,000.00	18,000.00
PRJCONP02	CUSTOMIZE			10/21/2003	10/21/2003	Active	USD	176,000.00	160,000.00	16,000.00
FORECAST	Forecasting Project			01/01/2002	12/31/2005	Active	USD	56,650.00	51,500.00	5,150.00
BCPBR	BCP - Branch offices	Nicola Hill	INTER	09/01/2005	08/31/2006	Active	USD	0.00	1,700.00	-1,700.00
PASSET1	Manual Cap Rule			01/01/2003	12/31/2006	Active	USD	0.00	30,000.00	-30,000.00

Top 10 Profitable Projects page (2 of 2)

New Functionality

PeopleSoft Project Costing 9.1 will enhance the Project Data Compression process and the PeopleSoft Archive process, and add the ability to restore data that was previously compressed.

The Project Data Compression process will be used to summarize project data into history tables and to restore data from the history tables back to the transaction table.

A compression template will be used to define how project transactions are to be summarized during the process. The template will enable users to choose the dates they want to roll up, provides a rollup calendar, and allows up to 32 fields of detail.

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The Project Data Compression process will summarize transaction data based on run control parameters, such as date, analysis group, contract, or customized SQL.

The system will log each compression run in the PC_COMPRESS_LOG table. The log will retain compression details such as run date, parameters used, and status. Additional details, such as date option, analysis group, contract, and SQL, will be logged if used. The compression log will enable users to perform actions such as viewing history or archiving, purging, restoring, and rolling back data.

The PeopleSoft Archive process will be used to archive data from the history tables.

New Functionality

PeopleSoft Project Costing 9.1 will maintain the Project Costing Distribution Status field (PC_DISTRIB_STATUS) on the journal line. If a journal entry contains multiple project business units, projects, and activities, and you distribute to Project Costing only a subset of the data, you will be able to distribute the remaining data for that journal entry at a later date.

New Functionality

PeopleSoft Project Costing 9.1 will enhance the Funds Distribution process.

The Funds Distribution process enables you to process source transactions that have not been distributed, or reprocess transactions that were previously distributed. The Funds Distribution process will optionally budget check distributed transactions.

When the Project Costing to Commitment Control process is called from the Funds Distribution process the system will identify all related target distribution rows if one row in the group fails the budget checking process. If one or more of the target distribution rows fail the budget checking process, then the entire group of rows will be held from further processing until all the rows pass budget checking.

The Funds Distribution – Source page will allow you to identify the types of transactions that are eligible for distribution.

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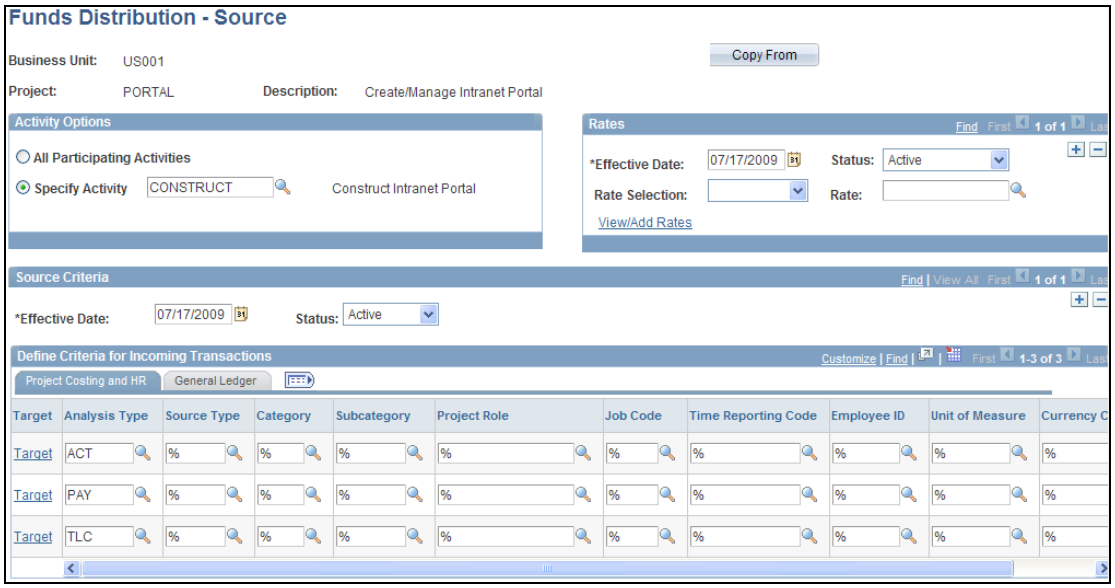
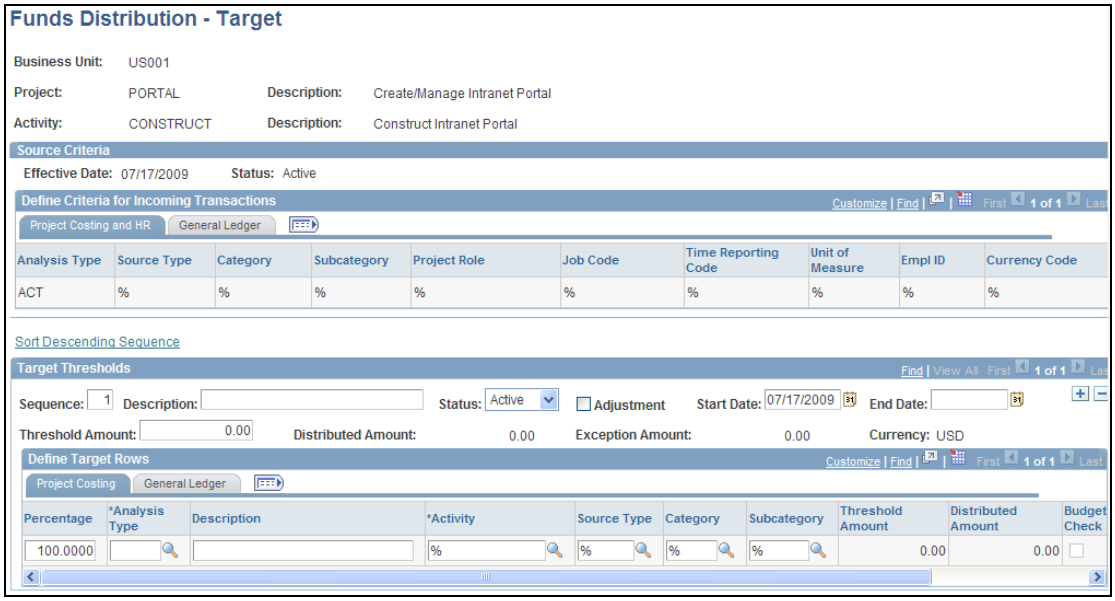


Funds Distribution – Source page

The Funds Distribution – Target page will allow you to set up rules that determine how target distributions are generated. This includes ChartField values that are assigned and the percentage of the cost that each target receives.



Funds Distribution – Target page

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Source to Settle Business Process Overview

Oracle's PeopleSoft Enterprise Supplier Relationship Management (SRM) is an integrated suite that dramatically reduces all supply management costs across the complete Source-to-Settle business process. It enables customers to reduce spend on goods and services, streamline procurement processes, and enforce policy procurement. This is accomplished through an integrated suite of applications that provides flexible spend analysis, collaborative sourcing, contract life-cycle management, self-service requisitioning, complete procure-to-pay automation with embedded terms and conditions, and supplier enablement. Only by negotiating the best value and lowest total cost for your organization, managing all categories of spend, and ensuring that negotiated savings are realized can you transform your procurement function into a value creating, strategic tool.

Source to Settle Business Process

The Source-to-Settle business process consists of four phases:

- The Source phase includes the necessary assessment and negotiations that are required to identify the suppliers who are committed to providing the most value to an organization. The process includes streamlined requests for quotes or requests for proposals (RFx), and real-time auctions that target the right supplier for the right product or service. The Source phase also includes the need to translate the results of a sourcing event into a negotiated contract or purchase order or a contract that ensures profitable use of the supplier relationship.
- The Enable phase encompasses everything that is necessary to engage with the entire supply base from posting transactions such as purchase orders and order acknowledgements to collaborating online with suppliers by sharing production plans, catalog content, and performance review scores. Effective enablement steadily improves supplier relationships through real-time visibility of all supplier interactions.

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- The Procure phase incorporates the efficient transaction of requests or production plans into purchase orders and contracts. It includes procurement of all spend including direct, indirect, assets, and services. Before any purchase order is transmitted, the appropriate level of approvals and often budget checks must occur. Only then is the order authorized for submission to the supplier. By leveraging the power of the Internet, the procurement process empowers organizations to experience an unprecedented level of profitability, control, and efficiency when buying goods and services.
- The Settle phase includes timely and accurate payment for goods and services that are rendered to the organization. The process needs to ensure that payments are in accordance with purchase order terms, recorded receipts and, in some cases, quality inspection criteria. Effective settlement also requires a smooth process for the settlement of disputed invoices by both the buyer and supplier. By ensuring that suppliers are paid on time and within written terms, buyers can be assured of uninterrupted flow of required goods and services to support the organization.

Strategic Sourcing 9.1

PeopleSoft Enterprise Strategic Sourcing gives your organization the power to streamline its RFx (request for bids) processes, conduct real-time auctions when appropriate, and strategically award contracts or purchase orders. The RFx process consists of formulating requirements, selecting and inviting bidders, receiving bids, scoring and analyzing the results, negotiating terms, and awarding the contract. With PeopleSoft Strategic Sourcing Release 9.1, we plan to offer customers enhancements in the following areas:

- Line Groupings
- Third Party Event Notification Integration
- Bidder-to-Vendor Conversion Enhancement
- Usability Enhancements
- Categorization Enhancements
- Miscellaneous Enhancements

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Line Groupings

PeopleSoft Strategic Sourcing enables users to create multi-line events and bidders can submit responses for the lines of their choice (if allowed by the buyer). However, this behavior may not always be acceptable. With PeopleSoft Strategic Sourcing Release 9.1, we plan to enable event creators to ***purchase a subset, or group of lines from one vendor***. In such cases, he or she may want to specify the items within the group and have the system treat each group as a single unit for bidding purposes, in the hopes of receiving better pricing from the supplier. For example, a buyer may wish to buy a PC, mouse, monitor, and personal printer as a unit. In such a case, the buyer creates four line items on the event, but he or she makes each item part of a group. Thus, a supplier may not quote only the PC and Monitor, but must provide bids for all lines, or none at all.

Sometimes, a buyer does not group lines on event creation, but the supplier proposes a group because, in so doing, he can offer the buyer a better deal. For example, a buyer may want to buy a PC, mouse, monitor, and printer and not care who supplies which items. However, a supplier might be able to provide the buyer a better price if he can sell the PC and monitor together. In PeopleSoft Strategic Sourcing Release 9.1, we plan to provide the ability for the supplier to create a line grouping consisting of the PC and monitor, and offer pricing contingent on the two items being purchased together as a unit. When an event line grouping is awarded to a vendor, the ***line grouping will be carried forward to the subsequent Procurement Contract or Purchase Order***, providing full visibility into line grouping usage and pricing. Group Price applies regardless of whether all items within the line grouping are on the same Purchase Order.

New Functionality

The line grouping functionality will impact all areas of the product from event creation, through bid response, to analysis and award. In addition, the event PDF and XML files will be updated, as will various notifications. Below is the list of the high-level features:

- Enable event creators to create line groupings within an event.
- Enable event creators to specify the line unit quantity per group. For example, the user would indicate that a computer group consists of 1 CPU, 1 monitor, and 2 speakers per unit group.
- Enable events creators to specify bid parameters such as indicating whether bids are required on the group, and indicating whether bidders must bid on the entire group requested quantity. For auction events, enable the event creator to specify a group bid increment or decrement.
- Provide price-break functionality at the group level for RFx events.
- Allow users to specify whether a line item may be bid only as part of a group. If this is selected, bidders may not provide an individual bid for the line (meaning outside any group.)

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- Allow event creators to specify whether bidders may define their own line groupings for RFx events. Auction events will not allow bidder-initiated groups.
- When copying lines into an event, enable the event creator to copy the selected lines in as a group.
- Track line group changes made by event collaborators and allow the event owner to accept or reject the changes.
- For RFx events, enable bidders to provide line-level and group pricing for line groupings created by the event creator. Bidders will also be able to create their own line groupings, if permitted for the RFx event.
- Enable bidders to offer alternate responses to line bid factors if grouped. This means that a bidder may offer a 2-year warranty for a CPU and a 1-year warranty for a monitor if priced separately, but when grouped, the bidder may offer to provide a 2-year warranty on the monitor.
- For auction events, enable bidders to provide a price at the group level, without requiring the bidder to enter detailed line pricing during the bidding process. You can also enforce any defined group price bid increment or decrements for auction events.
- On the Event Creation PDF, display line grouping information and allow bidders to provide line-level and group pricing information. If permitted, provide a new appendix where bidders may define their own line groupings for RFx events.
- On the bid response XML, enable bidders to provide line-level and group pricing information for RFx events. You can also allow bidders to define their own groups, if permitted. For auction events, enable bidders to enter group prices, without requiring them to provide line-level pricing.
- On the bid response PDF, display the individual and group line pricing information entered by the bidder. Add a new appendix to display the bidder-defined groups.
- For outbid notifications, notify for each of the line groups that a bidder was outbid.
- Modify the line price and score graphs so that internal users may view the real-time bidding by line group.
- Modify the Bid History page for line groups so users may view line group details using the current List by Line page.
- Update the analysis export XML to display the line group pricing details.

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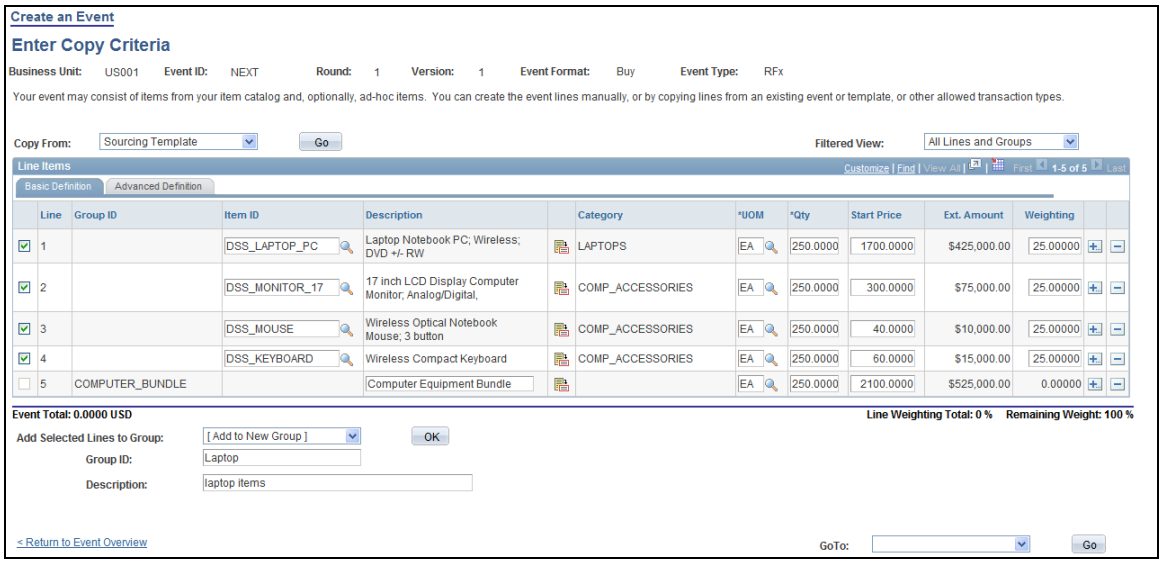
- When the optimization engine is being used to determine an ideal award allocation, send over the group pricing information. The optimization engine should factor the individual and group pricing quotes to determine the ideal award allocation.
- If awarding an auction event that has line groups, provide a way for the awarded bidders to provide line-level pricing prior to the award being posted. This can be done either by the bidder or on behalf of the bidder.
- Provide a new email notification to the bidder, requesting that the line level quotes be provided for auction events where the bidder was selected for award.
- Provide a new email notification to the event creator when the bidder has posted their line-level pricing related to the awarded line groups.
- When awarding a line for an event, the pricing associated with the award will be based on whether the line is being awarded as part of a group or is being awarded individually. For example, if a bidder offers free keyboards if the CPU and monitor are also awarded, but otherwise will charge $40 per keyboard, the award amount should be based on whether the CPU and monitor are also being awarded to the bidder.



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Event Line Details page with line grouping information shown

Third Party Event Notification Integration

In the pubic sector, many organizations use third party systems for managing bidders and bids. Some organizations may require that anyone be allowed to bid on published events. Third party providers of bid management services take some of the burden off the organizations in managing bidders and events. Most third party providers will register bidders. If bidders have questions about the registration process, they contact the bid management provider; they do not contact the organization directly. Third party agencies also manage the bidder lists, removing bidders who have not bid for some time, and following up on returned bid notifications to determine whether a bidder wants to remain on the bidder list. These services enable agencies to focus their efforts on procurement activities, not user support for the bidder community.

With PeopleSoft Strategic Sourcing Release 9.1, we plan to provide the integration to help organizations ***leverage the capabilities of third party event notification systems*** with their PeopleSoft Strategic Sourcing solution by providing a set of integration points for organizations to communicate between PeopleSoft Strategic Sourcing and third party bid management systems. PeopleSoft Strategic Sourcing users can continue to benefit from all of the features within Strategic Sourcing by using the product to create the Sourcing event when leveraging a third party system, such as adding bid factors and bid factor defaults, creating events from Excel, collaborating, and many others. Once Sourcing events are posted, they will be automatically sent to the third party bid management system. Changes and cancellations to a posted event will also be sent to the bid management system, ensuring that bidders are kept abreast with all of the latest changes. Bidders respond to events directly within the third party event notification system, giving bidders one central location for managing their bidder information and responding to events, thereby broadening the number of bidders bidding on your events. Once bidders respond to an event, a subscription service will receive the bid results from the third party system. Buyers and collaborators will be able to use all of the analysis and collaboration tools within Strategic Sourcing even though the events were bid on in the third party system. Once the event is awarded, a publication service can optionally send the appropriate bid award information to the third party system so that bidders can compare their bids to the winning bid.

PeopleSoft Strategic Sourcing ***third party event notification integration*** provides the framework to work with any third party event notification system. As a result, any necessary data transformations to meet specific third party messaging and service requirements, as well as specific PeopleSoft Strategic Sourcing requirements, can be addressed during implementation.

New Functionality

The feature will comprise of the following:

- Publishing service to post events and subsequent changes to a third-party system.
- Publishing service to send event cancellation notice to a third-party system.
- Subscription service to create bidders as sourcing bidders.

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- Subscription service for bid responses.
- Publishing service to post award information for those events originally posted to a third-party system.

Bidder-to-Vendor Conversion Enhancement

In Strategic Sourcing, when a bidder is awarded for the first time, PeopleSoft automatically converts the bidder to a vendor at the time of award so that the application has all of the vendor information for downstream processing to a purchase order and voucher. For some organizations, sourcing buyers do not have authority to create and approve vendors. In Strategic Sourcing Release 9.1, we plan to provide organizations the option to allow for others, such as the Purchasing department that manages vendor maintenance, to create and approve the vendor before award. The ***Bidder-to-Vendor Conversion enhancement*** will help ensure policy compliance and controls within your organization. For organizations wanting to use this control, buyers will be required to supply an approved Vendor ID on the Award Details page prior to awarding the event to a contract or purchase order. This approval will ensure that the vendor is created and approved by the appropriate group prior to award.

New Functionality

Users will be able to grant permission to have the bidder automatically converted to a vendor on the Strategic Sourcing Business Unit Definitions page. If the user is not allowed to automatically convert the bidder, then they must enter a vendor ID before the award can be posted. If they are allowed to automatically create a vendor during award post, then they may optionally enter a vendor ID on the Award Details page. If a vendor ID is entered, then that vendor ID will be used to convert the bidder to a vendor.

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Business Unit Definition | Default Dates

Unit: US001 US001 NEW YORK OPERATIONS
Short Description: US001

Business Unit Defintion

Location Code: US001
Billing Location: US001
AM Business Unit: US001
Bill Source: STRATSOURC

Dispatch Method: Email
Currency Code: USD
Rate Type: CRRNT

☑ Allow MultiCurrency Events
☐ Require New Version for Edits
☑ Allow Vendor Creation at Award
☐ Log History of Event Changes
☐ Permit Award to Previous Round

Default Options for All Events

☑ Allow Bidder XML Downloads
Factor Event Score Into: ◉ Total Score ○ Line Score and Total Score ○ Line Score
Bid Quantity Rule: Bid Up to Maximum Quantity
Start Price Rule: Display and Also Must Beat

Round\Version Display: Display Round and Vers
Event Header Weighting:
Line Factor Weighting:
☐ Bid Required On All Lines

RFx Event Default Options

☑ Multiple Bids Allowed
☑ Allow Edit of Posted Bids
☐ Sealed Event
☑ Display Bid Factor Weightings

Business Unit Definition page (1 of 2)

Auction Event Default Options

☐ Allow Proxy Bidding
Rank Options: Do Not Rank
Event Will Be: ○ Price Based ◉ Score Based
Bidders Must Beat: ○ Own Bid ◉ Winning Bid

☑ Display Winning Bid to Bidders
Bid History Display: Display but Hide Identif
Bidders Compete At: ◉ Event Level ○ Line Level

RFI Event Default Options

☑ Respond to all Bid Factors
☑ Allow Edit of Posted Bids
☐ Score RFI Event
☑ Display Bid Factor Weightings

Event Control Settings

☑ Allow Line Groups
☑ Allow Constraints
☑ Allow Price Breaks
☑ Allow Price Components
☑ Allow Cost Contribution

Integration Options

External PO Integration: No External Integration

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Business Unit Definition page (2 of 2)

Buyer-Side Usability Enhancements

PeopleSoft Strategic Sourcing offers cost-saving features that streamline business processes to help organizations broaden the usage of Strategic Sourcing within their organization. In PeopleSoft Strategic Sourcing Release 9.1, we plan to introduce ***several new usability enhancements***.

Strategic Sourcing plans to improve event analysis performance and user security by splitting the functionality into multiple logical components. Event Analysis will be separated into three separate components: Analyze Header and Lines, Award Optimization, and Event Award. We plan to offer new Hide and Unhide checkboxes to allow reviewers to selectively choose which bid responses they want to see.

Although the robust award analysis tools PeopleSoft Strategic Sourcing provide buyers with several options for scoring bids and optimizing award allocations, buyers sometimes prefer to perform their analysis offline. In PeopleSoft Strategic Sourcing 9.1, we plan to introduce the ability to ***upload bids from the event export***, providing users the option to export large events into a spreadsheet and upload awarded quantities and percentages.

For PeopleSoft Strategic Sourcing 9.1, we plan to introduce ***Dashboard Analytics for Live Events***. Users will be able to access bid history charts directly from the dashboard.

In Release 9.1, we plan to provide the capability for ***Line Defaults Enhancements*** during event creation to allow defining bid factors to be provided by default to all lines. This enhancement will complement the current bid factor defaulting rules that are driven from bid factor setup and will streamline the event creation process by easily and automatically applying a set of chosen bid factors to all event lines, reducing errors and time for setting up events with a large number of lines.

For Strategic Sourcing 9.1 we plan to improve the current ***Bidder Search functionality*** to optionally return only those bidders and vendors of a specific contact type. On the bidder search page, the event creator will be able to specify one of the following options when returning the bidder search results list: Display Bidder ID Only, Display All Contacts, and Display Contacts of Type. These options will give buyers the flexibility to search for specific contacts for a bidder and to send invitations to the appropriate contact.

PeopleSoft Strategic Sourcing plans enhancements around the user experience for analyzing events online. For example, the number of bidders displayed in the event header and line will be expanded from three to five to improve the ability to easily scan and analyze bidders. However, many organizations still prefer to analyze events offline, downloading to Microsoft® Excel, and sharing with others. In Strategic Sourcing, we plan to provide the capabilities for ***Offline Analysis*** by allowing Offline Event Analysis and upload capabilities. Events will be more easily downloaded and, once analyzed, can be uploaded back into the system for award. Strategic Sourcing Offline Event Analysis will provide buyers and collaborators additional options and flexibility for analyzing events.

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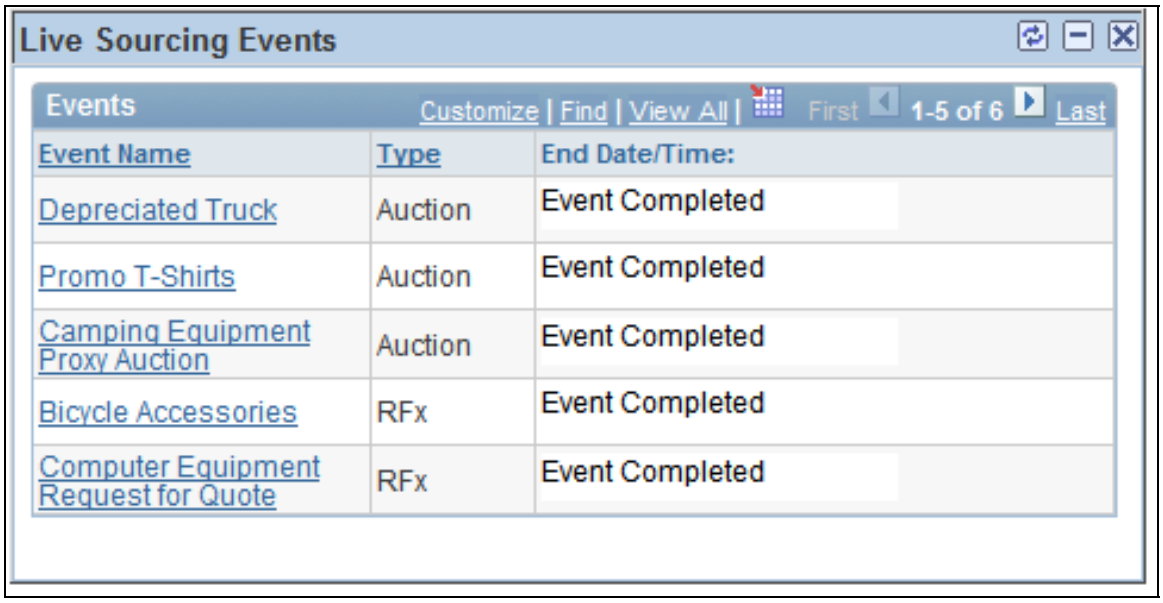
New Functionality

In addition to the usability enhancements, we will add a pagelet that shows live events. The list will be ordered by the end date and time with the earlier end times listed first. By selecting the Event Name link, the user will be transferred to the bid history charts page.



Live Sourcing Events pagelet

Supplier-Side Usability Enhancements

PeopleSoft Strategic Sourcing provides a collaborative environment for suppliers to access and respond to sourcing events in real-time, improving collaboration, participation, and employee productivity. Bidders should be able to bid within Sourcing with little to no assistance. The user interface should be intuitive and instructions should be available to the supplier when needed in the process. To help increase the usability for bidder, PeopleSoft Strategic Sourcing introduces several new supplier-side usability enhancements.

In 9.1, we plan to provide a new ***Bidding Home page*** that lists the most likely actions bidders take within the supply-side of Strategic Sourcing. This page will be the first page that bidders access after being invited to an event. It is not meant to completely replace existing response Start pages (for example, Event Details & View Events and Place Bids search pages). Rather, it will complement them by providing limited choices that will help bidders determine the appropriate first step they should take when responding to an event. It will also help them navigate to less common tasks, such as updating their bidder profile. When the supplier chooses an option, sub-choices will be presented as appropriate. Bidders can easily download the bid package and all attachments associated with the event directly from the Bidding Home page.

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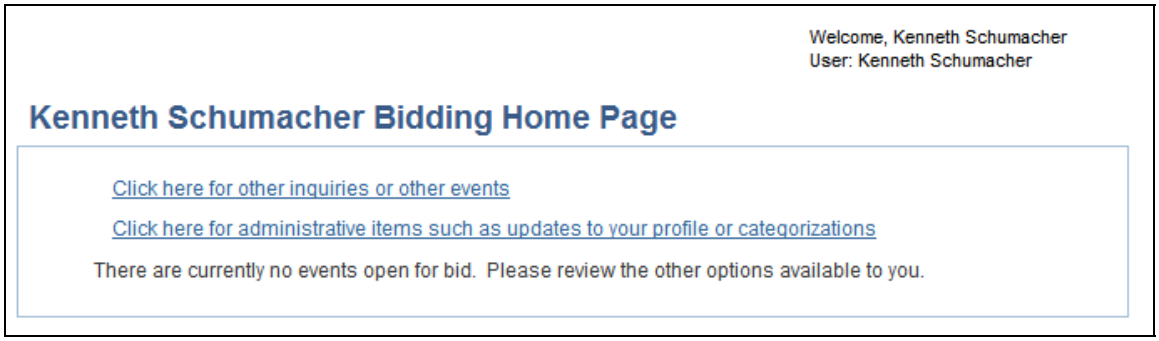
In PeopleSoft Strategic Sourcing, we plan to provide more robust in-application ***Explanation Text*** to help guide bidders through the bidding process. Explanation text is visible below buttons and links to help bidders better understand their options. Explanation text also provides guidance with regard to viewing, editing and copying bids.

With PeopleSoft Strategic Sourcing 9.1, we plan to provide a synopsis view of the supplier's bid while it is in process. The ***Event Completion Status*** within the General Event Questions section will give bidders visibility into the number of header level questions completed or not completed. Within the Line Bid Response section, the ***Line Completion Status*** will show the number of line responses the user has prepared.

New Functionality

The feature will comprise of the following:

- A new Bidding homepage that will become the first page bidders see when they are invited to bid on events. Bidders can access lists of the most likely actions they would take when in the system. Based on those decisions, new links will appear to enable bidders to take further actions.



Bidding Home page

- Enhancements to bid response page explanations.
  - Page AUC_RESP_BID_MNU in AUC_RESP_COMP component (start page) – We will move the bid instructions found at the bottom of the page up to the top, above the page buttons.
  - Page AUC_RESP_INQ_DTL – We will add explanation text below button choices and links to help bidder better understand what the options are.
  - Page AUC_RESP_BID_NULN – We will place navigation buttons that are found at the top of the page (that is Save, Go to) at the bottom too, so the bidder does not need to scroll up to the top of the line details page when they are done answering the line questions.
- Help navigation links on bid response pages.
- Attachment type bid factor for bid factor responses. Suppliers will be able to associate an attachment to a line bid factor response.

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- Additional status fields on bid response pages to help bidders see the completeness of their bids.

Categorization Enhancements

Strategic Sourcing reduces the time required for buyers to identify potential suppliers by letting suppliers self-categorize the items and item categories they supply. This categorization enables you to create a quote list for a particular category based on information provided by the supplier.

Many times, items can be classified under multiple categories. For example, within your organization, you may refer to a category of LAPTOP items, while your bidder may categorize these items as COMPUTERS. Buyers and bidders often search for events to bid based on categories of goods to be supplied. The challenge lies in identifying all of the bidders and vendors who may be interested in bidding for laptops. To address this, in PeopleSoft Strategic Sourcing Release 9.1 we plan to enable buyers to allow for the association of ***Multiple Categories for an Event***, thereby expanding the number of bidders and vendors who will become aware of the event line. Even though the category for the event line item may be LAPTOP, the buyer may add COMPUTERS as an additional category to the event for the purpose of searching for bidders. Strategic Sourcing Release 9.1 also plans to enhance the Bidder search by allowing bidders to search for events they might want to bid using multiple categories in a single search, again increasing the number of events for which the bidder may want to bid.

In Strategic Sourcing Release 9.1, we plan to make it easier and faster for bidders and suppliers to maintain the list of item categories they supply, through the ***Self-Categorization Tree Enhancement.*** For organizations with a large number of commodities in the tree, it can be configured to return only parent level commodities, and to retrieve child nodes when parent is selected. Alternatively, the categorization tree can be used as before by expanding the entire tree.

Miscellaneous Enhancements

For PeopleSoft Strategic Sourcing, we plan to introduce ***Header and Line level Attachment Bid Factor types*** to Release 9.1. Bidders and Vendors may include an attachment as part of a bid response. This feature is useful when buyers are requesting additional information such as item specifications and drawings, or certifications related to the bid factor.

In addition to being able to add attachments during the bidding process, we plan for PeopleSoft Strategic Sourcing to add the ability for bidders to ***add attachments during bidder registration in profile factors/questions***. Organizations may require bidders to submit diversity forms, certificates, and other documents. You will be able to configure Strategic Sourcing to request for this information during bidder registration, streamlining the process and helping to ensure compliance.

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In PeopleSoft Strategic Sourcing Release 9.1, we plan to provide the ability for vendors to enter a ***No-Bid Response for an Event Line***. While an event manager can allow no-bid responses on a line, bidders and vendors do not always know how to elect not to bid. Sometimes they enter a price of zero, which is considered a low bid. Adding a no-bid check box to the line will clarify the bidder's intent.

For PeopleSoft Strategic Sourcing, we plan to expand on the methods by which buyers can communicate with vendors and bidders outside of a particular event. Our plans for Release 9.1 are to provide buyers the flexibility to send a ***Custom Notification to a Selected Bidder Group***. Notifications are useful for reminding bidders and vendors to update their contact information, for notifying bidders and vendors of company policy changes, and other activities outside the realm of a specific event.

Supplier Contract Management 9.1

As the pace of global business operations accelerates, the need for contractual documents that form the legal basis for protecting business transactions increases. In response to these challenges, Oracle delivered PeopleSoft Enterprise Supplier Contract Management in Release 8.9 to help customers manage the entire supplier contract lifecycle, from authoring, collaboration, and negotiation to execution, status tracking, and compliance. To continue to improve the capacity to meet the challenges facing organizations, PeopleSoft Supplier Contract Management Release 9.1 plans to introduce enhanced supplier collaboration by providing contract lifecycle access to suppliers through the supplier-side facing portal. For Supplier Contract Management Release 9.1 we plan to provide online supplier-side functionality in the following areas:

- Supplier collaboration for authored contracts using Microsoft® Word
- Simplified digital signatures using a free Adobe® PDF reader
- Notifications and the ability to update service level agreement deliverables
- Notifications and the ability to review service level agreement metrics, such as on-time delivery of purchases that are under contract.

Streamline and Automate Electronic Collaboration and Digital Signature Approvals

The following is an example of how Supplier Side Access ***streamlines and automates electronic collaboration and capturing digital signature.*** A contract specialist begins the process by entering a new proposed contract into the application and creates a draft contract document using the organization's standard clauses. The document is then routed to internal collaborators, such as the corporate legal counsel and CFO. The contract specialist finalizes the internal collaboration and then prepares to have the supplier review the draft contract before approvals.

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With PeopleSoft Supplier Contract Management Release 9.1, the contract administrator will be able to invite the supplier to collaborate on the contract. The supplier will be able to view and if allowed edit the latest version of the contract within the supplier portal. This version is free of all internal collaboration comments to preserve privacy and confidentiality between the parties. In Release 9.1, we plan for the supplier to be able to check out the contract documents and using Microsoft® Word make the appropriate changes and upload the changes and comments for the contract manager to review.

After the supplier's collaboration is complete, the contract is staged for the contract specialist to automatically compare and review the contract, accept or decline the supplier changes, and route the contract for additional internal collaboration so they can review the supplier's edits if accepted. After all changes are reviewed and approved, using Release 9.1, we plan for the contract specialist to be able to prepare and send the contract to the supplier and the supplier to digitally sign the contract. Digital signatures can then be captured using Adobe PDF functionality. Supplier signatures can be captured before or after internal signatures and approvals happen depending on the organization's requirements. After the contract is approved and all internal and external digital signatures have been captured; the contract specialist will be able to execute the contract.

Contracts can also include Service Level Agreements (SLAs) with verification steps. For example, a contract may have an SLA with a verification step mandating that the supplier submit a certificate as part of contract initiation stating that they are ISO certified. In PeopleSoft Supplier Contract Management Release 9.1, we plan to provide functionality so that the supplier can be ***notified when a deliverable such as a certificate is required***. The supplier can then ***access the SLA verification step within the supplier-side facing portal*** to update the agreement verification which could include uploading an attachment, comment, date time, or yes/no type value depending on the deliverable requirements that you define. This will eliminate the need for suppliers to contact the contract administrator or other internal party, and gives suppliers responsibility for and control over maintaining their SLAs. Internally, the contract administrator for agreements can monitor the current status and set compliance as needed for each of the contract agreements.

New Functionality

Installation options have been updated to incorporate enhancements to contract collaboration and signatures. With PeopleSoft Supplier Contract Management 9.1, you will use installation options to determine collaboration and signature methods as shown in the next example:

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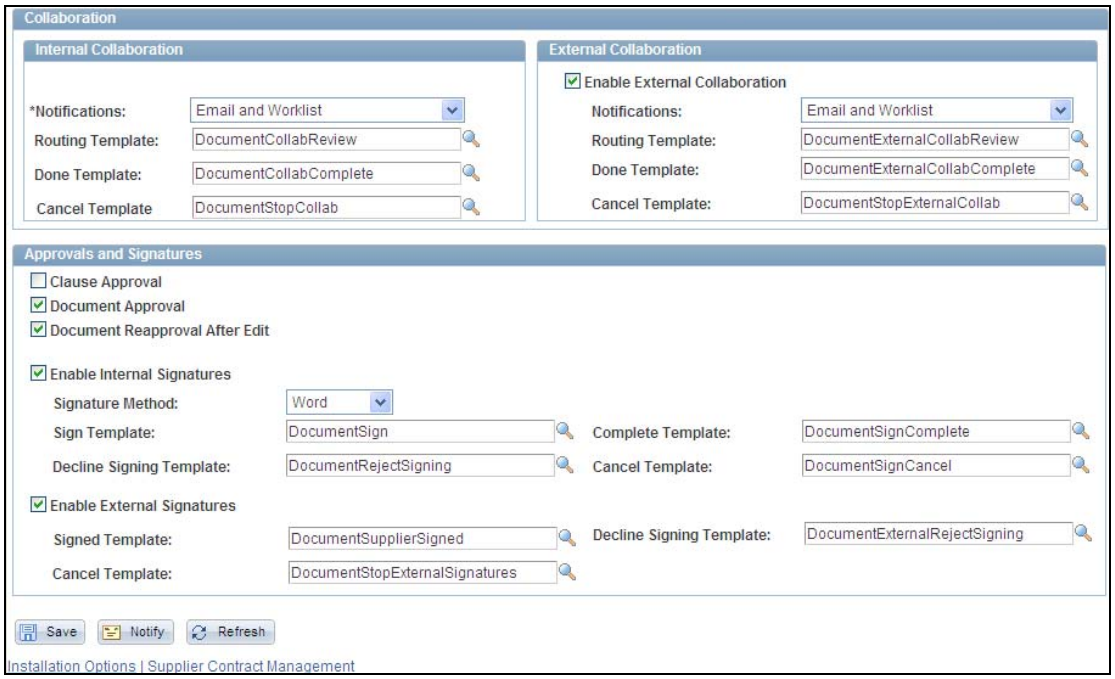

Collaboration and Approval and Signatures installation options fields

Separate settings are now available for internal and external collaboration with different notifications and templates for each collaboration method. Internal collaboration is always active, but you must enable external collaboration by selecting the Enable External Collaboration check box.

Using the Enable Internal Signatures and Enable External Signatures check boxes, you will be able to define whether to route an Acrobat Adobe PDF file or a Microsoft Word document for internal or external signatures or both. When you enable signatures, the system makes the external signature templates available. These are generic templates that you can use to define the content of emails for certain actions between document approvers.

When you enable internal signatures, the Prepare Document for Signing button appears on the Document Management page. The button will enable you to convert a document to a .pdf file, stage it for signing, and signal to the system that the document is available for signing.

The Document Type page has also been updated so that you can select or deselect collaboration and signature methods. Using the page you can override installation option settings for collaboration and signatures for each document type. The next example illustrates the new fields:

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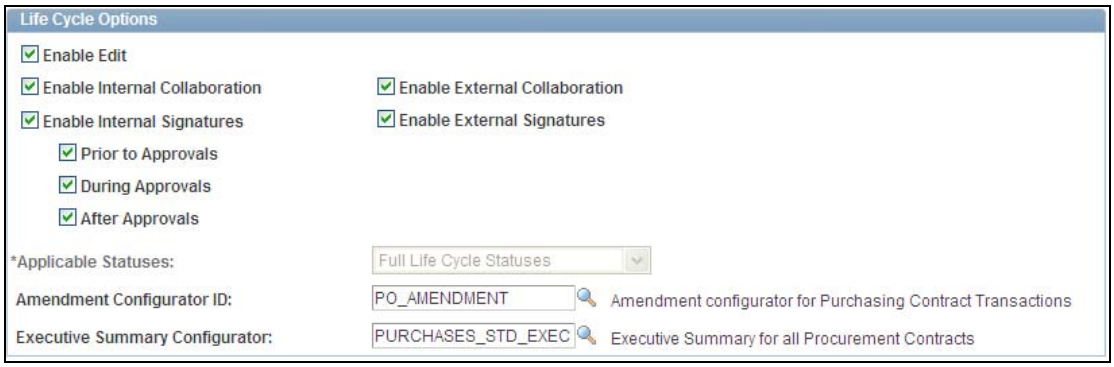

Life Cycle Options grid available on the Document Type page

In addition to defining collaboration and signature settings, you can define when internal signers can sign documents. You will use the Prior to Approvals, During Approvals, and After Approvals check boxes to define when the system makes the document available for signing internally.

Also to support streamlined collaboration and signatures, the Document Management page has been updated with a variety of links and buttons to facilitate the flow of contract document approvals. The page appears later in this document.

Supplier Collaboration

During the authoring lifecycle of a contract, many parties in an organization might need to access or modify it. Requesters, procurement, legal, information management, finance, program offices, and compliance personnel, as well as many others can contribute to an authored contract. Before Release 9.1, collaboration with suppliers was managed by sending the contract file to and from the supplier using email.

To streamline electronic processing for reviewing and managing contract changes and approvals between internal and external parties, we plan for Release 9.1 to deliver ***Supplier Document Authoring Collaboration.*** This feature will enable supplier access to the authored contract using the supplier-side facing portal. Suppliers have several options for accessing the contract document for collaboration from the portal, including email notification with a link to the contract, or from within either the supplier's worklist or Contract Collaboration Search page within the supplier-facing portal.

Internal and external contract collaboration will provide a variety of benefits that enable you to:

- Start with an authored or imported document for supply-side collaboration. In addition, you will be able to start with an ad-hoc document type and perform a one-time change to a valid internal source when needed to better support supply-side paper negotiations.
- Track all internal communication and communication with suppliers within the application.
- Make all documentation pertaining to a contract immediately available to the supplier for online updates, which serves to speed contract lifecycle turns.

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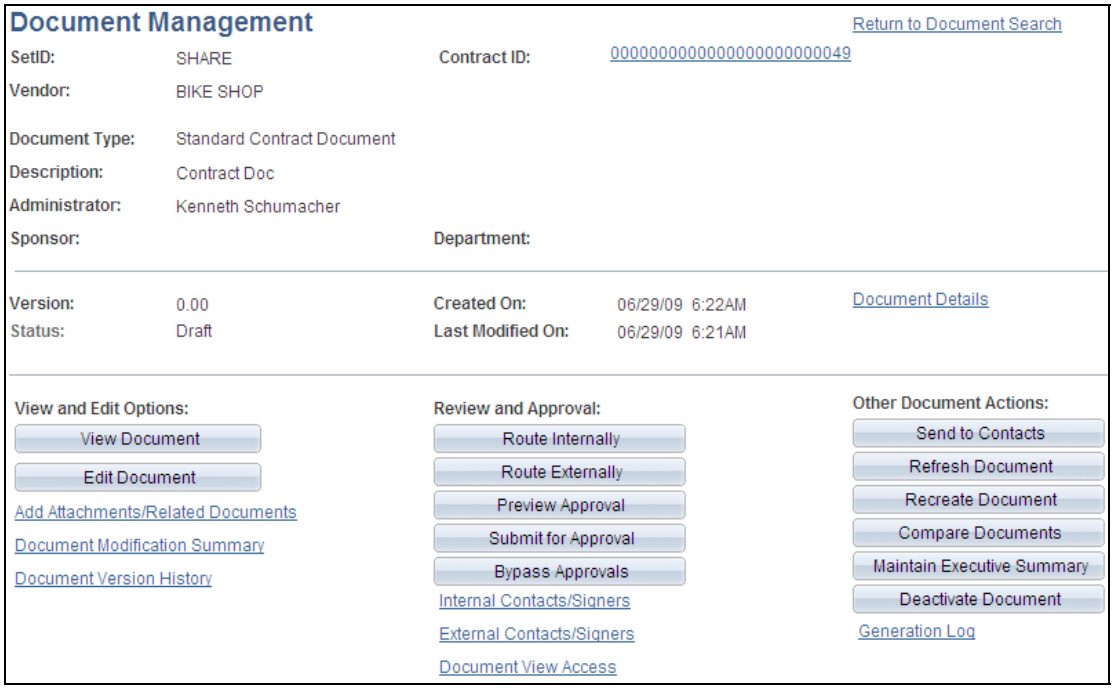
- Stage supplier changes for contract manager review and easy comparisons with versions sent out before being accepted into version control.
- Identify and retrieve discussions and communications pertaining to a contract.
- Configure access to executed documents and amount of collaboration and history details through the supplier-facing portal.

New Functionality

External collaboration on documents will be initiated by the PeopleSoft system contract administrator using the enhanced Document Management page. After new installation options for 9.1 have been established for external reviews, this page serves as the central control page for managing internal and external reviews:



Document Management page with new supplier collaboration options

During external collaboration, you send contract documents to external users (suppliers) for review and updates and who can then upload the document through the portal for contract administrators to review and accept changes into version control.

Each document has its own external contact list that can be supplied by default from vendor master information. External collaboration on documents will be initiated by the PeopleSoft system contract administrator, who first reviews and updates the list of external collaborators using this page:

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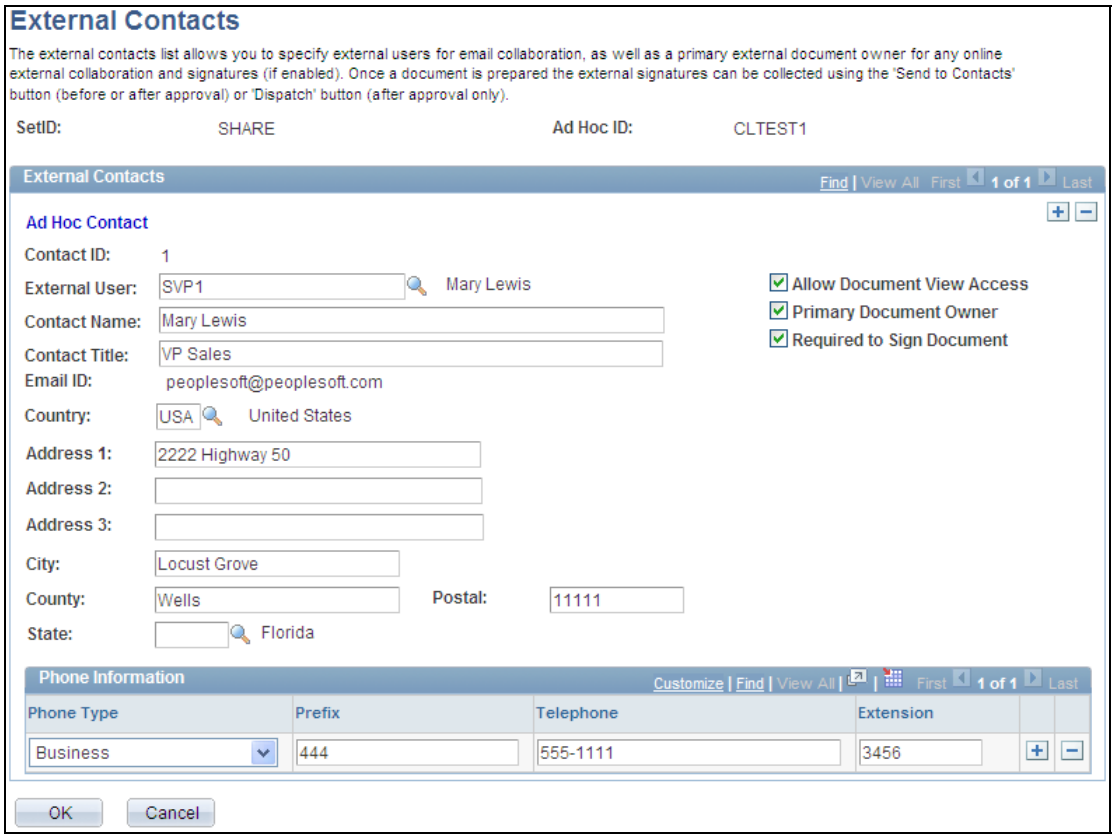

External Contacts page for use with external collaboration

One new field for release 9.1 on the External Contacts page is the Primary Document Owner field. This field indicates that the external user is designated as the primary document owner. This is the external user who is responsible for coordinating the document's review with other external users and then uploading the reviewed document back to the PeopleSoft system. Only one external user can be the primary document owner. The new Required to Sign Document field is used for contract signatures.

After you complete the External Contacts page, the external contacts become the default values when you select the Route Externally button on the Document Management page to send the document, as shown in the next example:

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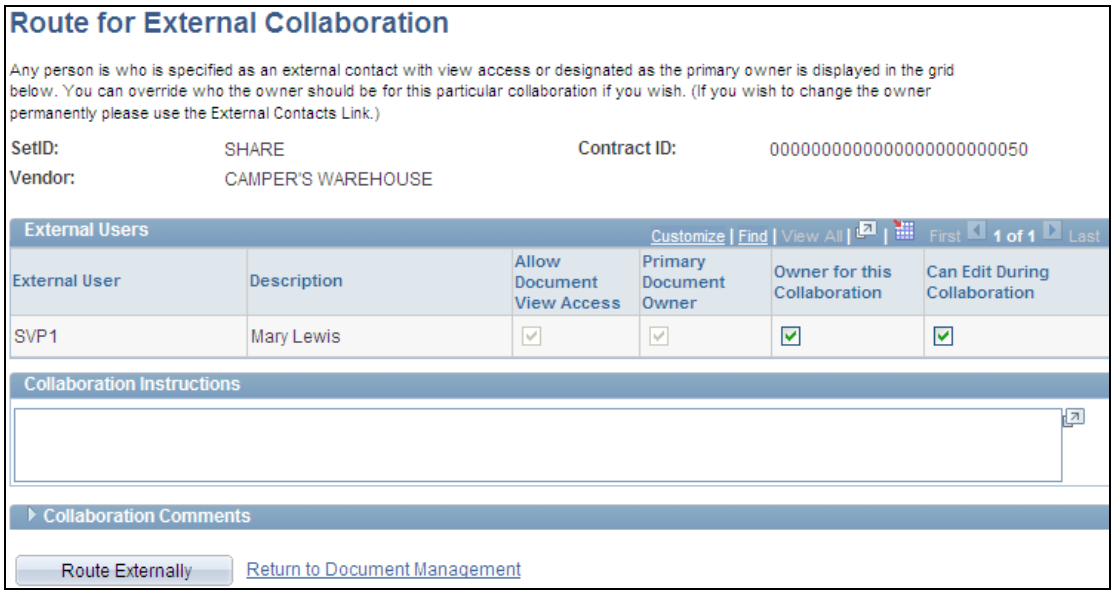

Route for External Collaboration page

You can add collaboration comments and define additional attributes for the collaboration, such as selecting the Owner for this Collaboration check box that indicates whether the external user is designated as the primary document owner for this collaboration cycle. This enables you to assign an owner other than the primary document owner to be responsible for the collaboration of the document and for coordinating the document review with other external users and then uploading the reviewed document back to the PeopleSoft system.

After routing a document to external users for collaboration, external users can access the document, edit and upload it, add comments, and mark it as reviewed. The next example shows the how the page will appear:

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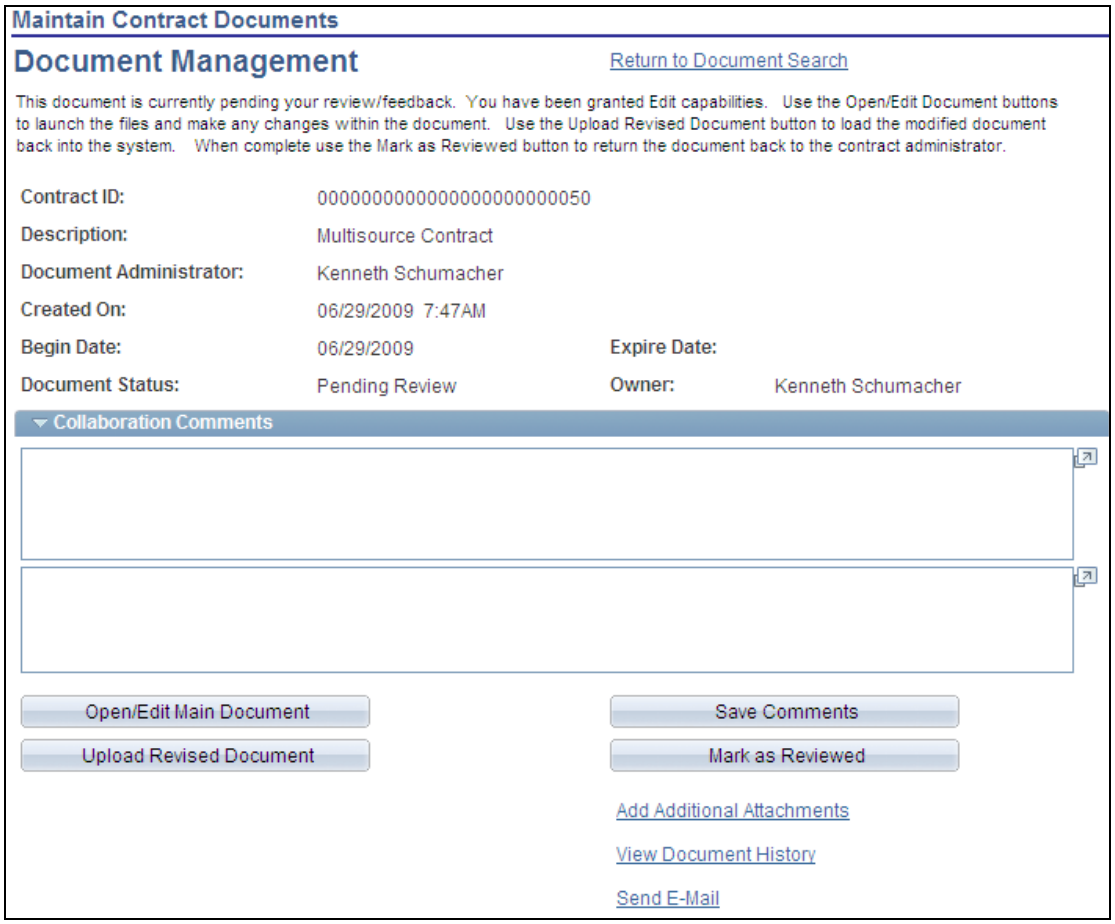

Supplier-side Document Management page

Supplier users will make collaboration responses using collaboration comments, marking the document as reviewed, or uploading the revised document. Upon editing the document and adding comments, supplier users can click the Mark as Reviewed button to return the collaboration back to the PeopleSoft system contract administrator.

Supplier users will also be able to add attachments, view document history, and send emails to either the PeopleSoft system contract administrator or to other external users who have access to this document. The document history details available to an external user will be defined using the External History Settings field on the Installation Options page.

After receiving the returned collaboration, the system administrator can perform a number of actions as illustrated in the next example:

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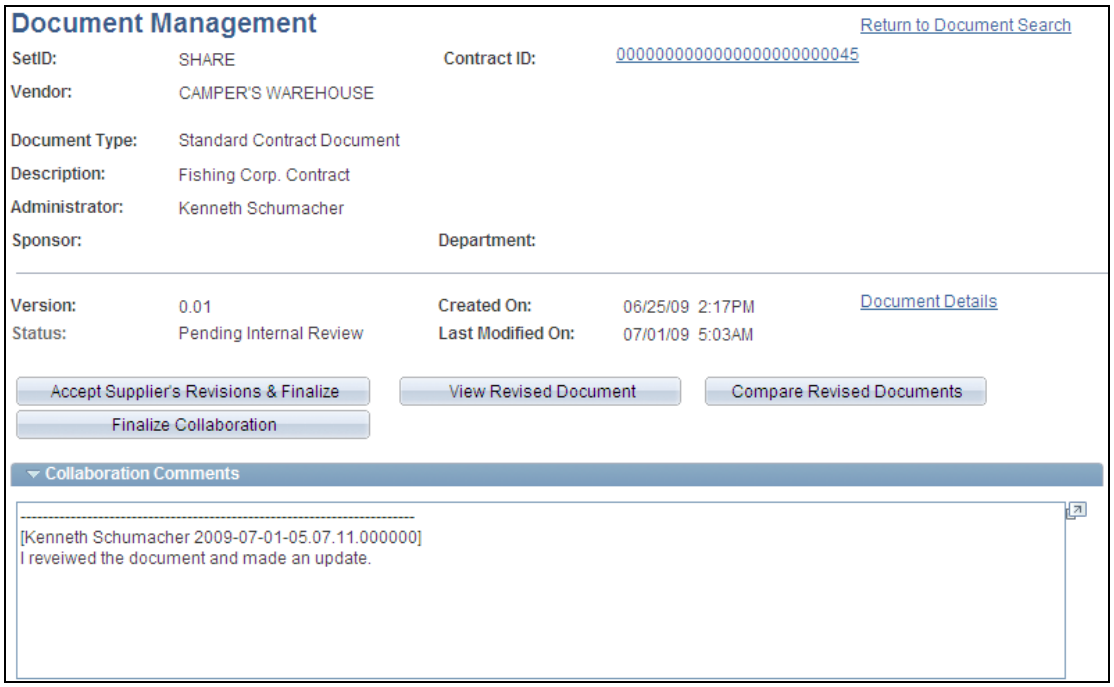

Document Management page with system administrator collaboration options

The Accept Supplier's Revision & Finalize button will enable you to accept supplier updates and finalize the collaboration and move the document and any related attachments to its next status or round of collaboration or approval. For external collaboration, when you click the Finalize Collaboration button, the system will disregard any supplier or external user changes and continues using the current version of the document.

Before accepting the supplier's updates, you can view the changes and compare a suppliers' revised document with the current version of the document. When you accept supplier changes, the system applies version control and captures the history. Subsequent external or internal collaborations can occur as required.

Digital Signatures

After a contract is negotiated, it must be approved and signed before it goes into effect. The flexible Approval Framework internally routes contracts for approval. Beginning in Release 9.1, we plan for Supplier Contract Management to provide the ability to route contract documents, both internally and externally, for ***digital signatures***. A digital signature, like a hand-written signature, shows that a person created or otherwise agreed to the document containing the signature. A digital signature verifies that the message originated from a specific person and was not altered either intentionally or accidentally.

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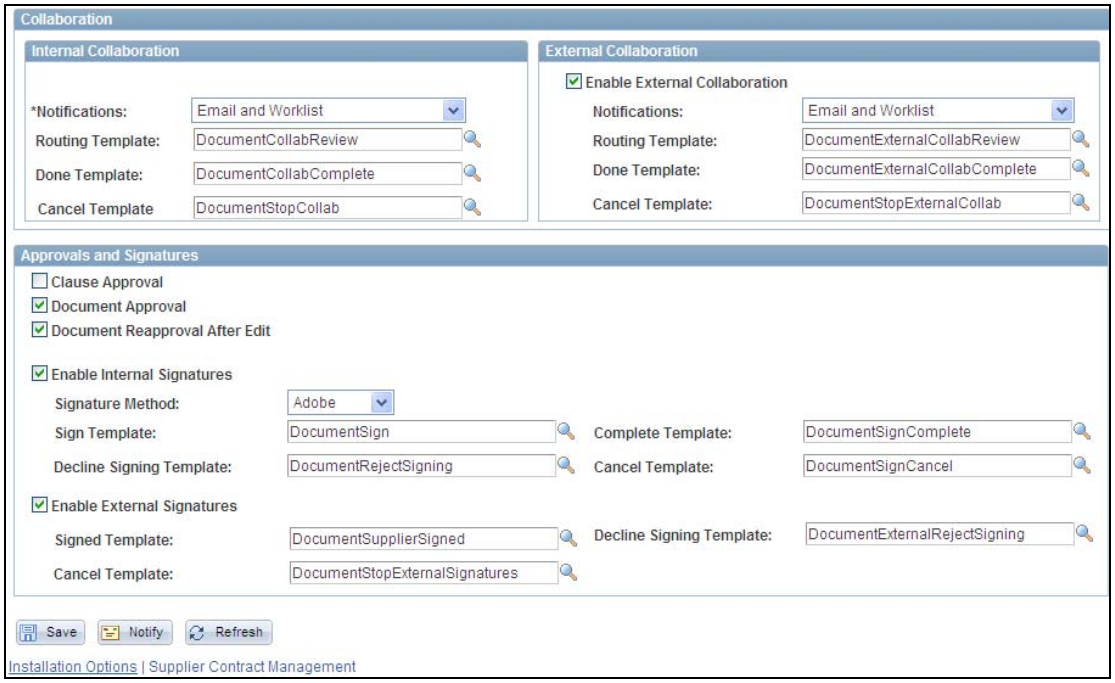
PeopleSoft Supplier Contract Management leverages Adobe Acrobat 8 Professional and Lifecycle™ Reader Extensions for Specialists to render PDF server side and to Prepare and Enable PDF for signing. All other internal and external users sign the PDF using the readily available Acrobat Reader (Version 6 or above). Each user uses their own Digital Certificate for signing the documents (see the Adobe site for digital signature partners). The needed signature fields stored in the clause library are automatically included in the Microsoft® Word document when created and rendered within the PDF for end user signing. Internal and external signatures can then be captured and tracked depending on your collaboration and approval requirements.

Enabling Digital Signature capability within Release 9.1 will enable you to lock down the Microsoft® Word document and prepare a digitally signable document that uses encryption techniques that ensure the document was not tampered with, enables non-repudiation for those signing the document, and allow you to check the validity of the signatures as they happen using built-in Adobe® capabilities.

New Functionality

To support Release 9.1, PeopleSoft Supplier Contract Management digital signatures, a number of pages have been updated for the collaboration and signing of contract documents by suppliers.

Along with establishing document rendering and comparisons using installation options, in Release 9.1, you will also be able to define options for collaborating on documents and for digital signatures. The next example illustrates the updated Internal Collaboration and External Collaboration group boxes for defining collaboration templates:



Supplier Contract Management Installation Options page

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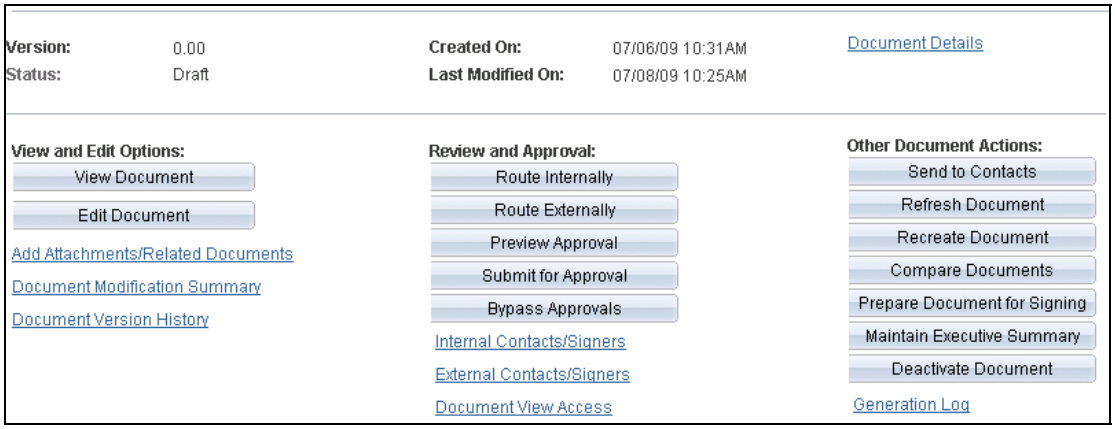
You will use the Approvals and Signatures group box to indicate whether workflow approvals are required for clauses and documents and whether internal and external users can electronically sign a document. You will also use this section to select the method for signing a contract document. Signature Method field values will include:

- ***Adobe*** to sign documents using Adobe Systems software. To use this signature method, you must have Adobe Distiller 8 on the NT application server that is defined in the Document Compares and Rendering section.
- ***Word*** to sign documents using Microsoft Word. To use this signature method, you must have Microsoft Word 2007 on the NT application server that is defined in the Document Compares and Rendering section.

After a PDF version of the document is prepared using Acrobat 8 Professional, you render a version of the PDF that is then certified and enabled for signing so that any user needing to sign the document can do so with only the commonly used Acrobat Reader and a digital certificate.

Contract specialists can also sign visibly or invisibly the document during this initial step. This example shows the new button for preparing a document for signature:



Document Management page digital signature document preparation

When a document is prepared, the main Microsoft Word version of the document is then locked for any further editing. This example illustrates system-supplied actions that will be available for use with the locked document:

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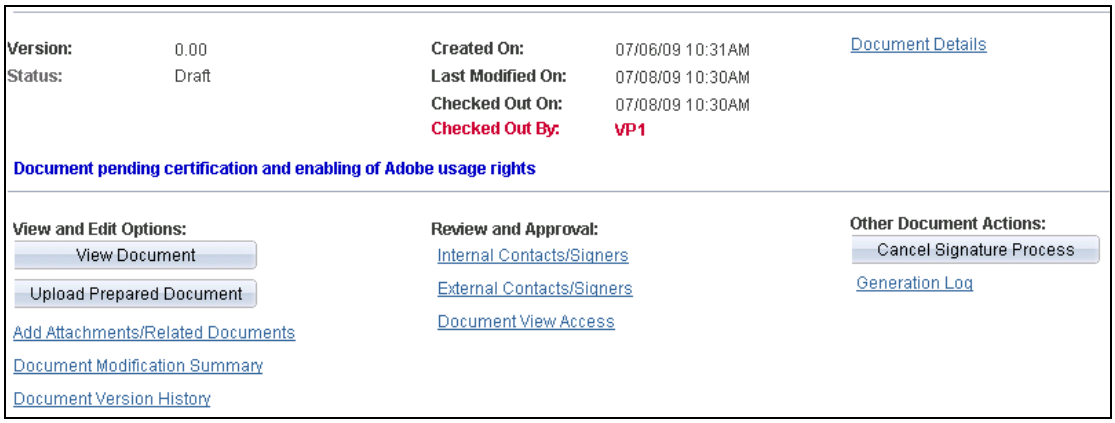
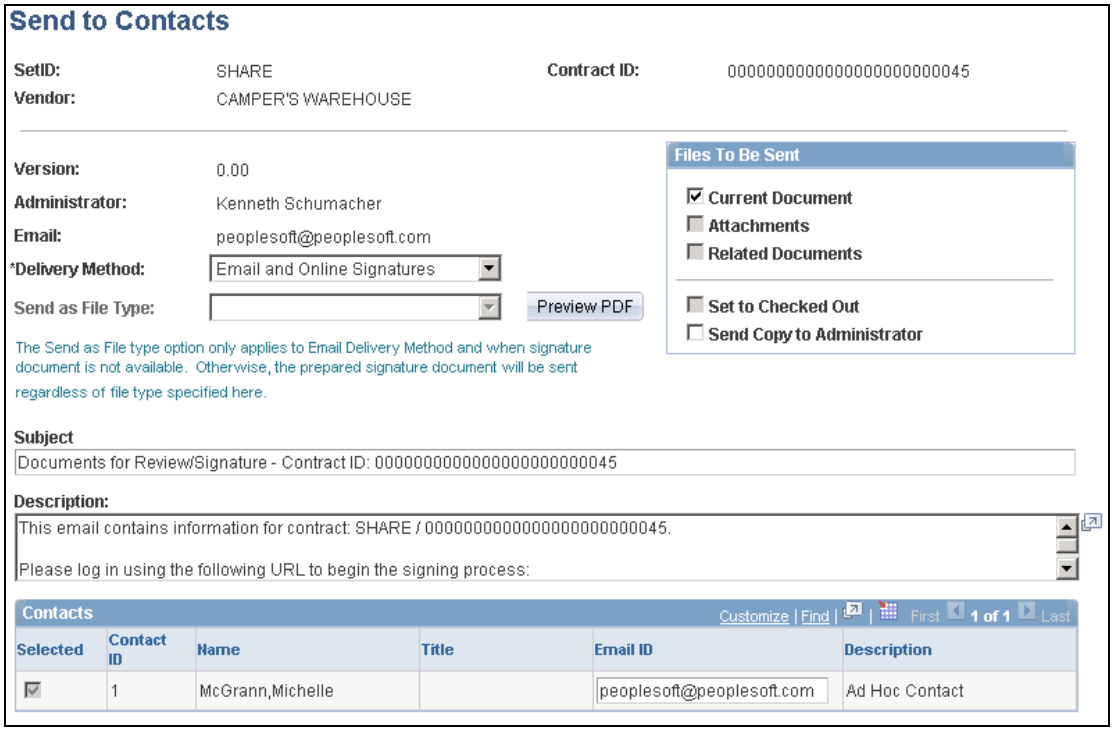


Document Management page digital signature document preparation

You will be able to cancel the signature process, view the document or upload the prepared version using this page.

After the document is uploaded, you will be able to send it for signature using the page shown in this example:



Send to Contacts page

You will select the Email and Online Signatures delivery method to a document. This will enable suppliers to sign the documents using an established portal or by an attachment. When signing through the portal, suppliers are presented with a link in the email that directs them to a page to open, sign, and upload the final document. Signature status is tracked for the administrator for each contract.

Suppliers will be able to access Document Management pages using a new Manage Contracts menu option that will enable supply-side user to access and sign and return documents back to the PeopleSoft system.

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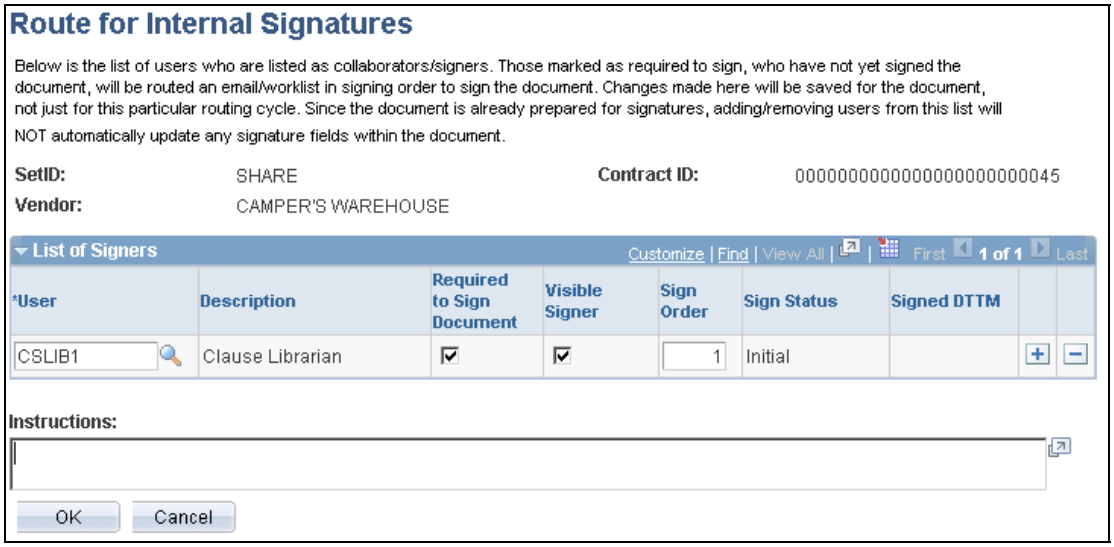
You can also route the document manually for internal signatures before or after approvals or route the document for signatures during the approval process if you use the Approval Framework for document approvals for both approving and signing documents. This example shows the Route for Internal Signatures page:



Route for Internal Signatures page

After all signatures have been collected, and the document is approved and executed, you will be able to re-dispatch the document to supplier as needed. At this point suppliers will have access to the document based on how the system is configured for external access to executed documents. For example you will be able to prevent online document access by external users completely, executed versions of the contract, or a full history of the contract where the supplies can view all collaborations.

Service Level Agreement Verification Updates

For PeopleSoft Supplier Contract Management Release 9.1, we plan to ***enhance the Service Level Agreement verification process*** by enabling suppliers to update the contract agreement's verification steps through a self-service page on the supplier-side facing portal. Using the portal, agreements are called deliverables. The contract administrator will be able to indicate that, for a given contract agreement's verification step, a supplier or external user is the owner of the step.

An assigned supplier directly accesses the verification steps assigned to them and updates the information in the same manner as internal users. Planned agreement capabilities will include a notification feature that enables the user to schedule initial, reminder, and past due notifications for each agreement step (deliverable). Another capability will be a mechanism to track the progress of each deliverable within the agreement, as well as the overall compliance of the agreement itself.

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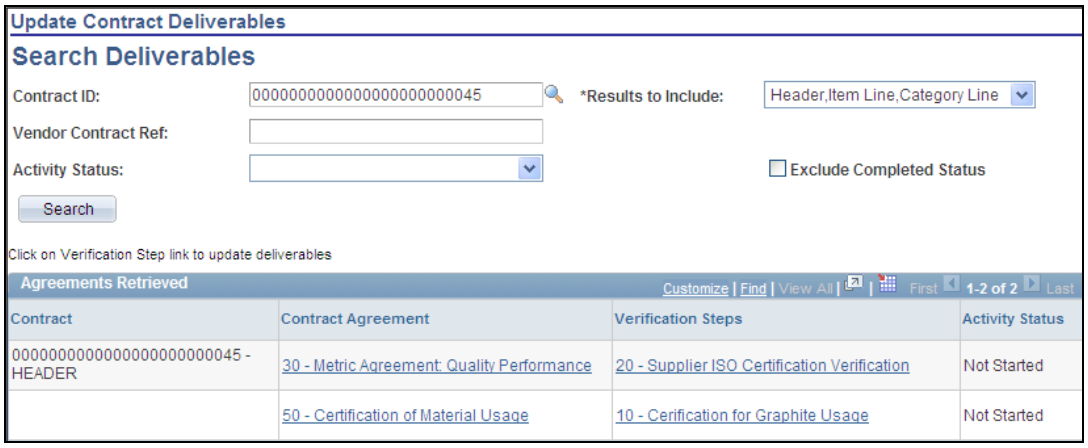
For example in addition to agreements to provide certificates or general signoff of a deliverable, the product includes a system-metric generated agreement where you can define an acceptable thresholds for on-time deliveries (95% and above acceptable, 90-95% warning) and automatically notify your suppliers of unacceptable and warning conditions. Suppliers will receive these notifications with URLs taking them to the supplier portal for summary graphic views by period and be able to drill down into the details to see which items and even receipts are causing the problem.

New Functionality

To support supplier-side updates to contract agreements, PeopleSoft Supplier Contract Management 9.1 will provide a new menu that suppliers will use to update and review contract deliverables and maintain contract documents. This example illustrates the menu that is available when suppliers sign in to the supply-side PeopleSoft system:

Manage Contracts menu for Release 9.1 supply-side users

To begin using deliverables, suppliers will be able to search for deliverables to update or review. The Search Deliverables page, illustrated in this example, provides a listing of header, line, and category deliverables for a contract:



Update Contract Deliverables – Search Deliverables page

The example displays contract header deliverables. The agreement information includes the contract to which the agreement belongs, the agreement definition, verification steps, and the agreement activity status. Only those agreements for which the supplier user is authorized as a verification step owner appear in the list.

Supply-side users can click the Contract Agreement link to view details about the deliverable as shown in the next example:

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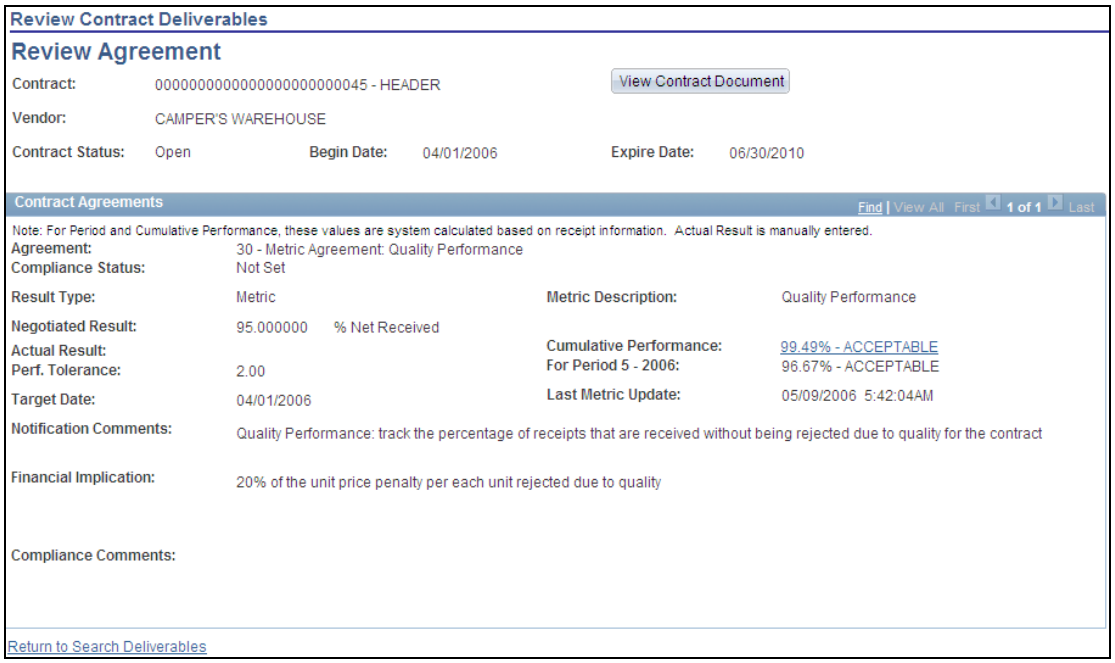

Review Agreement page for supplier-side users

The Update Contract Deliverables - Review Agreement page will display the details about the specific agreement that you selected in the Agreements Selected grid on the Search Deliverables page. The header provides basic information about the contract and vendor while the Contract Agreements group box displays the current agreement status, result types, target dates and other agreement details. Depending on the type of agreement verification for the deliverable, fields on the page will vary.

Suppliers will click the Cumulative Performance link to access the supplier portal for summary graphic views by period and from where you will be able to drill down into the details to see which items and even receipts are causing the problem.

Supply-side verification step owners will use the Update Verifications page to update the activity status. The next example illustrates how the page will appear:

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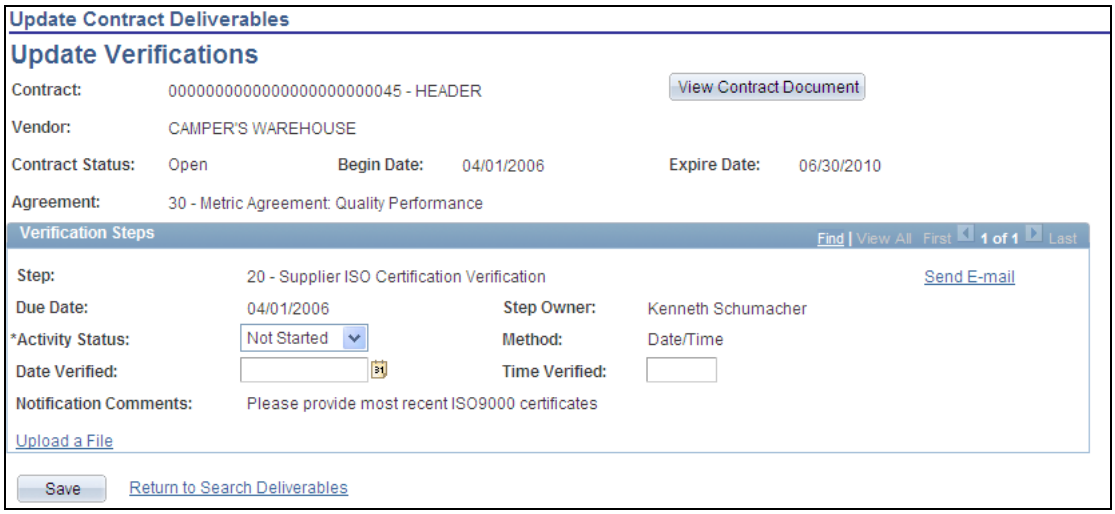

Update Verifications page for supplier-side users

As external step owners, suppliers will use this page to update verification details. Also, they can view the contract document if they have the authority, upload a file to support the verification, and send an email to the system administrator if they have the authorization to access the system. The body of the email message will contain the link that you use to access the PeopleSoft system.

In Release 9.1, for scenarios where you want to start with supplier paper, such as a legacy .doc format, the contract administrator will first create the document as an ad hoc type, and collaborate to allow the external supplier user to upload the supplier document. After doing so, when the external user marks the document as reviewed, the contract administrator will receive notification.

As part of the review process, the contract administrator will optionally be able to do a one-time change of the source transaction from the ad hoc to another source such as a purchase order or purchasing contract. This enables a contract under negotiation that has been initiated from supplier paper to result in a purchase order or purchasing contract after the supplier paper document has been supplied.

The contract administrator will create the first shell of a document (which can be a blank template imported .doc). Then, the supplier will edit and replace with the document with the supplier paper.

Purchase Order as Source Transaction

While using the transactional procurement contract component as the source of all authored contracts may be preferable, some customers prefer to use the purchase order as an alternative source when procurement contracts are not used, but a formal contract document is required. With PeopleSoft Supplier Contract Management Release 9.1, we plan to introduce integration with PeopleSoft Purchasing purchase orders. Enhancements planned for the purchase orders include:

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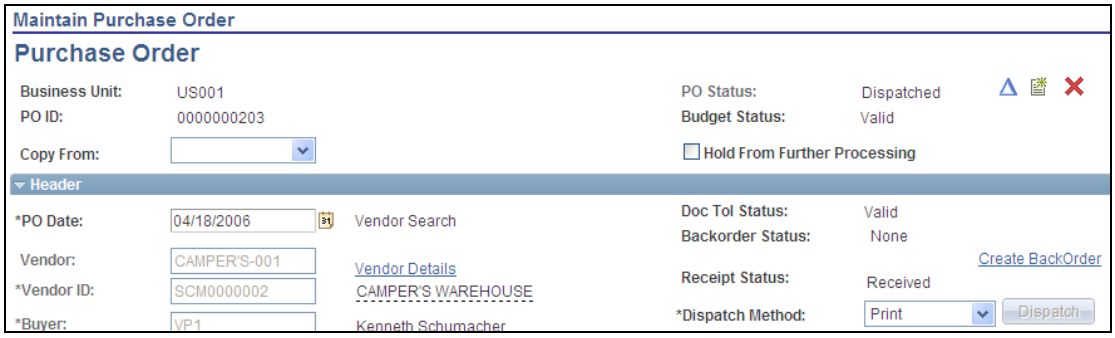
- The ability to author a purchase order-based contract document that includes the full life-cycle tracking capabilities, collaboration, approvals and so on that are provided for authored contracts within PeopleSoft Supplier Contract Management.
- The ability to tie in a request for contract capabilities to contracts that are purchase-order based, similar to the 9.0 request for contract flow that exists between purchasing requisitions and the procurement contract source transaction flow.
- The combination of additional features such as Document Import and PO Authored Document Copy functionality with PO-based authored contracts.
- Supply-side access to PO-based authored contracts.

Note: The authored documenting capability for purchase order documents is not intended to be a replacement for the PO Dispatch process itself which has very specific formatting and inline calculations that you might require.

New Functionality

To support using purchase order transactional information for contracts, PeopleSoft Supplier Contract Management 9.1 will enable the creation of a contract that is based on a purchase order. This process will begin with Supplier Contract Management installation options where you select to enable the use of purchase orders as transactional sources.

Purchase order contract documents enable you to author contract documents based on PeopleSoft Purchasing purchase orders and express purchase orders as the source. This is an alternative to using the transactional purchasing contract as a source. This example shows the Create Document button that is available in Release 9.1 for you to create a document based on purchase order transactional information:



Purchase Order page with the Create Document button in the top right of the page

When you create a purchase order document, you also will be able to copy or import a document.

When you use a purchase order as the transaction source, the system processes the document through a life cycle similar to purchasing contract documents. Among the tasks that you will be able to perform are:

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- Verity searches that use purchase order search criteria and reports that provide purchase order-based contract information.
- Supply-side access to source transaction documents for purchase orders.
- Version control for purchase order documents.
- The use of purchase order workflow, document management workflow, or both.
- The copying of a purchase order authored document along with copying a purchase order.
- The dispatch of attachments for purchase order documents.

You will also be able to use a related request document tied to requisitions to capture wizard responses for use with a purchase order contract document that you will create later.

Table Widgets

In PeopleSoft Supplier Contract Management Release 9.1 we plan to enable the display of repeating objects in a Microsoft Word tabular format to authored contract documents. These ***Table Widgets*** capture and organize data from the source document (procurement contract or purchase order) in an easy-to-read layout within the contract. Using a clause object designated as a table widget, users will be able to create a table in Microsoft Word, and insert the repeating binds in the table columns as wanted. During contract creation the table will be expanded within the clause with appropriate repeating rows of data such as item list. Clause titles, clause text, and alternate clause can also be associated with the table.

New Functionality

New for PeopleSoft Supplier Contract Management 9.1 is the use of table clauses. Table clauses enable you to create a table using Microsoft Word and then populate that table with transactional information during document generation. Table clauses also enable the summing of columns in the table using a simple SUM pseudo bind format.

A pseudo bind is an existing bind with the $$ symbols before and after the bind instead of the regular %% bind symbols. You use the pseudo bind to instruct the document generator to provide a sum of all table rows where that same bind name occurs as a regular bind. The next example illustrates how bind variables might appear in a Microsoft Word document before they are resolved:

Item ID	Shipto	Due Date	Quantity	Price	Amount	Tax	Freight	Total Amount
%%ITEM%%	%%SHIP%%	%%DUEDT%%	%%QTY%%	%%PRC%%	%%AMT%%	%%TAX%%	%%FRT%%	%%SCHSUM%%
TOTALS	$$SHIP$$		$$QTY$$	$$PRC$$	$$AMT$$	$$TAX$$	$$FRT$$	$$SCHSUM$$

Table clause bind variables

To support table clause, several new fields have been added to the Clause Definition page. The Suppress Duplicate Keys and the Last Key Field Column field shown in the next example, assist you in defining tables:

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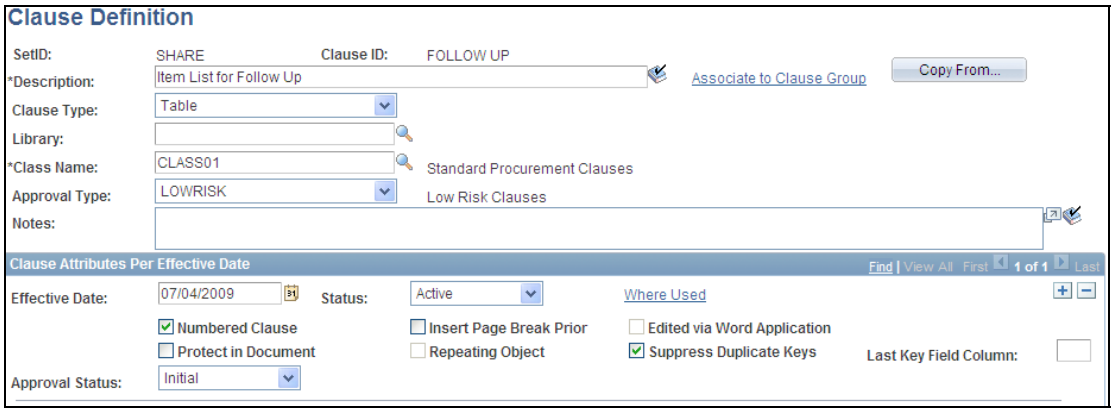

You can use other clause features including a title and clause text both before and after the table. The system displays the repeating objects in a tabular format. The next example illustrates how a table clause might appear after binds have been resolved for a Microsoft Word contract document:

Item ID	Shipto	Due Date	Quantity	Price	Amount	Tax	Freight	Total Amount
10000	US001	04/15/07	10.000	5.000	50.00	3.50	1.00	54.50
		04/28/07	10.000	5.000	50.00	3.50	1.00	54.50
	US004	04/28/07	100.000	5.000	500.00	35.00	5.00	540.00
10007	US004	04/28/07	20.000	35.000	700.00	49.00	15.00	764.00
	US005	04/20/07	2.000	500.000	1000.00	70.00	10.00	1080.00
TOTALS			142.000		2300.00	161	32.00	2493.00

An authored table clause in a created Microsoft Word document

The completed table illustrates how you will use the Suppress Duplicate Keys check box and Last Key Field Column field to suppress duplicate values. In the example, the Item ID and Ship to columns have been suppressed. This table was defined by selecting the Suppress Duplicate Keys check box and entering 3 in Last Key Field Column field. Starting with the Due Date column, table values are not suppressed. When you define the table, you make fields bold such as the Totals row in the example. You can apply formatting on the fixed part of the table. If you format a bind, the system applies the same formatting when it resolves the bind.

Contract Reports

Using XML Publisher (XMLP) reporting capabilities and query tools within PeopleSoft applications, you can easily enhance reports for specific layouts, or use them as examples of how to create additional XMLP reports that you might require. For Release 9.1, we plan to introduce the following new reports using XMLP:

- Document Status Summary will summarize contract information using administrator, status, department, source transaction, document type, and date range selection criteria.
- Document Status Detail will detail contract information using administrator, status, department, source transaction, document type, and date range selection criteria.

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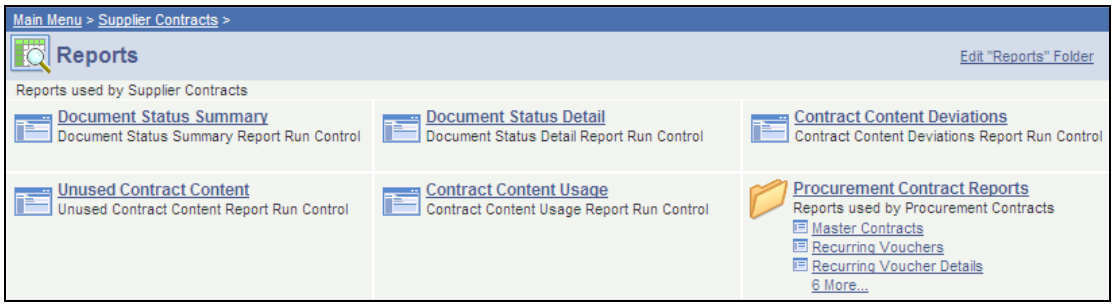
- Unused Contract Content will list unused selected contract content (clauses and sections) using class, approval type, and date range selection criteria.
- Contract Content Usage will detail the usage of selected contract content (clauses and sections) using class, approval type, and date range selection criteria.
- Contract Content Deviations will provide contract content deviations (such as manual additions, changes, and deletions to contracts) from standard clause and section definitions for documents within a document type and creation date range. You will be able to limit a report to classes of clauses and the approval types being modified to pinpoint deviations based on critical verbiage only. You can also report on individual clauses and sections when identifying deviations.

New Functionality

PeopleSoft Supplier Contract Management 9.1 will provide easy-to-use reports that you can tailor to meet your contract document information needs. The reports provide summary and detailed document information and where clauses and sections are used, if they have been changed, or if they have not been used since a date that you specify.

To enable contract document reports, a new menu will be available that contains the reports along with links to other procurement contract reports. The next example shows the reports:



Reports menu

To run a report, you click the report and define the attributes to include in the report. The next example illustrates how the Document Status Detail report page will appear:

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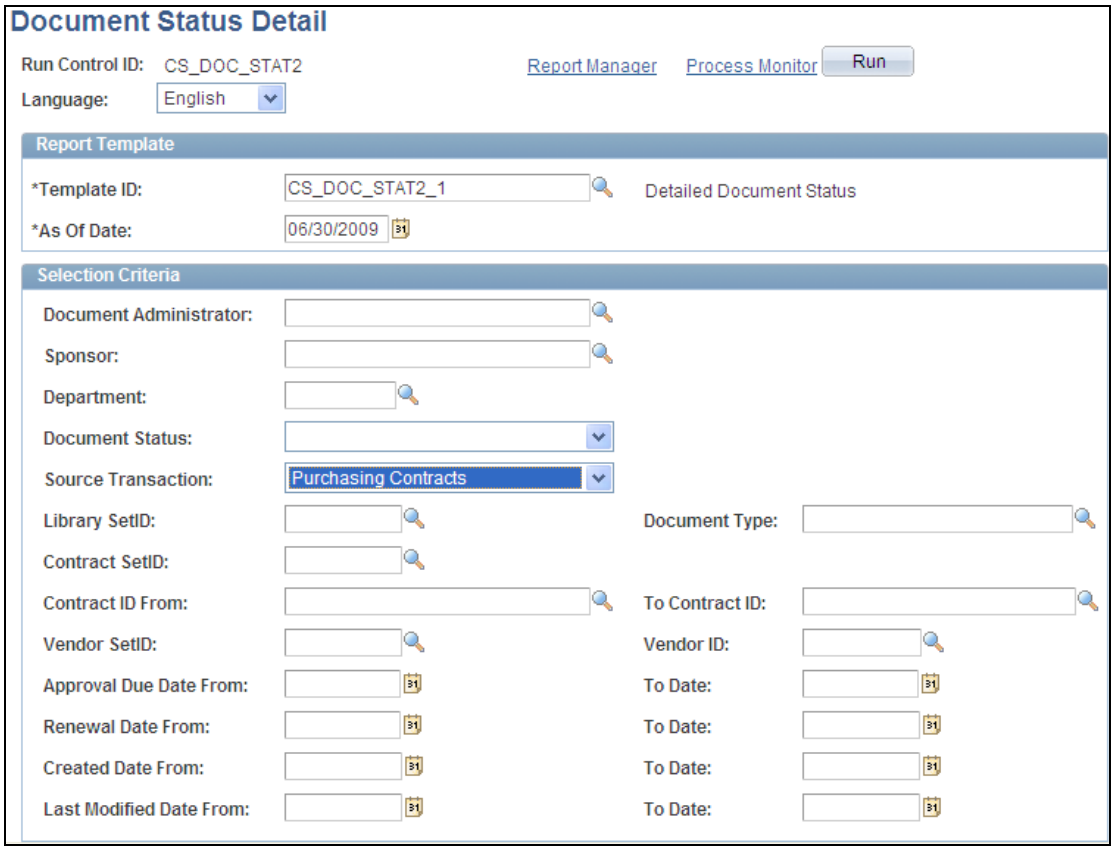

Document Status Detail report page

A wide-range of selection criteria will be available for running the report.

The system builds the reports using XML Publisher. To create the reports you do not need to use PeopleCode, and there are no custom pages required to run the reports. This example illustrates how the Document Status Detail report will appear:

ORACLE Supplier Contracts	PeopleSoft Supply Chain	Report Date:	30-Jun-09
Report Definition: CS_DOC_STAT2	Document Status Details	Run Time:	14:18:03 PM
		Page:	2 of 3

Document	Current Status and User Fields	Activity
Purchasing: SHARE / 00000000000000000000000053 Vendor: SHARE / SCM0000001 Transaction Status: Approved Document Type: SHARE / MPD Administrator:VP1 Version: 0.00 Sponsor: Department:	Status: Draft	Created / By: 2009-06-30T13:57:30-0700 / VP1 Last Modified / By:2009-06-30T14:01:18-0700 / VP1 Checked Out / By: / Last Checked In / By: / Last Approved / By: / Begin - End: 2009-06-30 -
Purchasing: SHARE / 00000000000000000000000036 Vendor: SHARE / GBR0000002 Transaction Status: Approved Document Type: SHARE / PURCHASING Administrator:VP1 Version: 0.00 Sponsor: Department:	Status: Approved As Of: 2009-06-30T13:51:22-0700	Created / By: 2009-06-30T13:51:01-0700 / VP1 Last Modified / By:2009-06-30T13:51:22-0700 / VP1 Checked Out / By: / Last Checked In / By: / Last Approved / By: 2009-06-30T13:51:22-0700 / VP1 Begin - End: 2006-04-17 -

Document Status Detail (CS_DOC_STAT2) report page

You use the Reporting Tools option on the Main Menu to access contract document reports.

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User Defined Fields

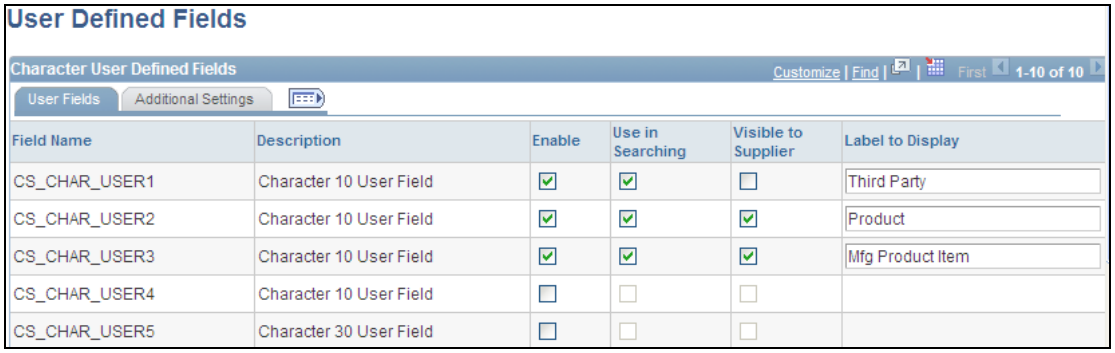
Many companies have the requirement to extend the provided fields for contract document headers. Sometimes the user-defined information is visible information, such as an important set of values, and may be specific to an industry, for example, user-defined legal entities, or dates. In PeopleSoft Supplier Contract Management Release 9.1, we plan to introduce user-defined fields to capture your most important document header-related fields that the system may not already track. User-defined values are not intended to replace the more unlimited amount of wizard question and answer responses you need to capture for a contract, but will enable you to extend the contract header attributes outside of wizard responses which can then be more easily used for workflow, searching, or reporting.

You can prompt for user-defined values, store them, use them for workflow processing, and use them as search criteria in main pages. In Release 9.1, we plan to deliver a series of user-defined fields of various types without having to customize anything within Application Designer. The contract administrators will select which fields they want to enable and the labels to use. This feature will also enable user-defined fields to be setup as searchable within document management and Verity searches.

New Functionality

User-defined fields will be available through the PeopleSoft Supplier Contract Management Setup menu. Using the page you will be able to tailor the user-defined fields to meet your organization needs. The system provides 10-, 30-, and 60-character fields, date fields, integer fields and decimal fields that you can implement and label yourself. You can use user-defined fields only when document types are enabled at the installation level. The system displays a warning if you set up user-defined fields without having document types enabled.

The next example shows how you will select to enable user-defined character fields:



Field Name	Description	Enable	Use in Searching	Visible to Supplier	Label to Display
CS_CHAR_USER1	Character 10 User Field	☑	☑	☐	Third Party
CS_CHAR_USER2	Character 10 User Field	☑	☑	☑	Product
CS_CHAR_USER3	Character 10 User Field	☑	☑	☑	Mfg Product Item
CS_CHAR_USER4	Character 10 User Field	☐	☐	☐	
CS_CHAR_USER5	Character 30 User Field	☐	☐	☐	

User Defined Fields grid for character fields

Select the Enable check box to make the user-defined field available for use in a document type. You can also select to include the field in Verity searches and make the field visible to supply-side users. You will use the Label to Display field to define the name that you want to use for the field.

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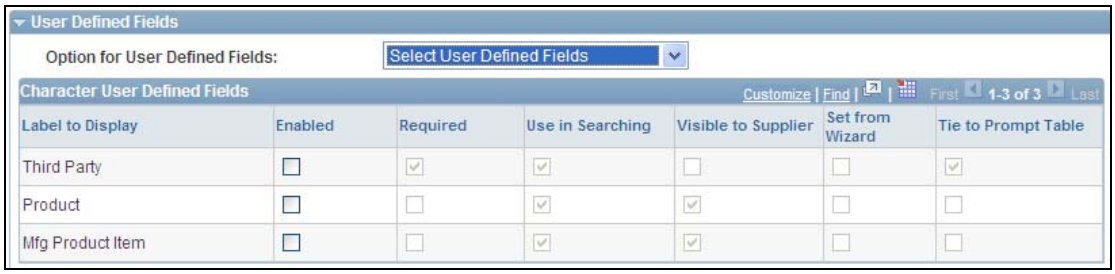
You will use the Additional Settings tab to extract the field value from a contract wizard. This will enable you to indicate that the value should come from an answer in the wizard. You select the wizard bind variable that you want to use as the value to populate the field when the wizard is invoked. You will also be able to indicate that the list of values for a field should come from a prompt table.

Also, the Document Type page will provide a group box that displays user-defined fields that have been enabled using the User Defined Fields page. For each document type, you can specify to not use any of user-defined fields, use all of them, or use selected user-defined fields. The next example illustrates how the selections that have been enabled on the User Define Fields page appear for the document type:



Document Type page

You use the Option for User Defined Fields field to select how you want to apply the user-defined fields for this document type, such as selecting fields to use from the list of available fields or using all fields defined using the User Defined Fields page.

User-defined fields will be available within Verity searches. Fields that have been designated for use in searching appear for the search. When you search for user-defined fields, you can use any of predefined field labels, prompt tables, wizard values, and date and decimal range to limit the search. User-defined fields are only available for document searches.

Wizard Enhancements

PeopleSoft Supplier Contract Management wizard provides the ability to capture domain experience by capturing the logic associated with best practices in managing contracts and documents. The Supplier Contract Management wizard and library content provide the basic building blocks to solve many of the issues associated with contracts and agreements. Groups of subject-specific questions are used to ask users specific details about the contract and document. The responses to these questions are used by rules in the document configurator and clauses to directly control the composition and content of the document. In Release 9.1, we plan to introduce several new enhancements to the wizard, as discussed below.

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We plan to allow the use of simple ***Prompt Tables on a bind variable*** by specifying predefined tables that can be assigned to a specific bind and then accessed from the contract wizard. These prompt tables will be used primarily for ad hoc document generation for which certain values cannot be easily derived from a source transaction, and thus the user must be prompted for them. After the value is stored in the bind, it can be used in rules just like any other variable.

We plan to add the use of ***Long Character binds*** that enable large paragraphs to be added in an ad hoc fashion to a contract document through the wizard. The maximum string-character value allowed on bind variables is extended from 254 to LONG characters. The length of a long character is determined by the database platform and version that you have implemented.

We plan to ***support new bind variable field types of checkbox to work with wizards***. We plan to provide an option to specify a general information-only header-type question, and place a series of related check box questions below it to speed the entry of wizard information.

With Release 9.1, we also plan to provide ***wizard format options***, which allow for a specified format using special characters so that when the bind is resolved within a document it is formatted as wanted. The following options are available:

- Currency format for numerics: enables you to specify a currency indicator for a transactional numeric bind that will automatically use the source transactions currency code for decimal formatting.
- Decimal formatting: enables you to specify the number of decimal places to be formatted for decimal binds within the authored document.
- Masking string format: the ability to enter a mask on the string value bind variables to better support the desired input format, such as phone numbers Social Security numbers and so on. In the bind definition @=any character, A=Alpha, 9=numeric, and other characters such as '-' for the dash in a phone number, are constants.
- Informational only questions and URL drilldowns for end users. Within the wizard question group, you will be able to include informational question text as well as insert your own URLs to various internal or external sites to assist the end user in responding to wizard questions.

New Functionality

With PeopleSoft Supplier Contract Management 9.1, you will be able to create a variety of wizard binds for use in question groups and wizards. You use the Binds page to create bind values for use with wizards and question groups. For example, you can create a bind that provides a list of values from which an author can select when using a wizard to create a document. The next example illustrates how you create a Prompt Table field type for use in wizards:

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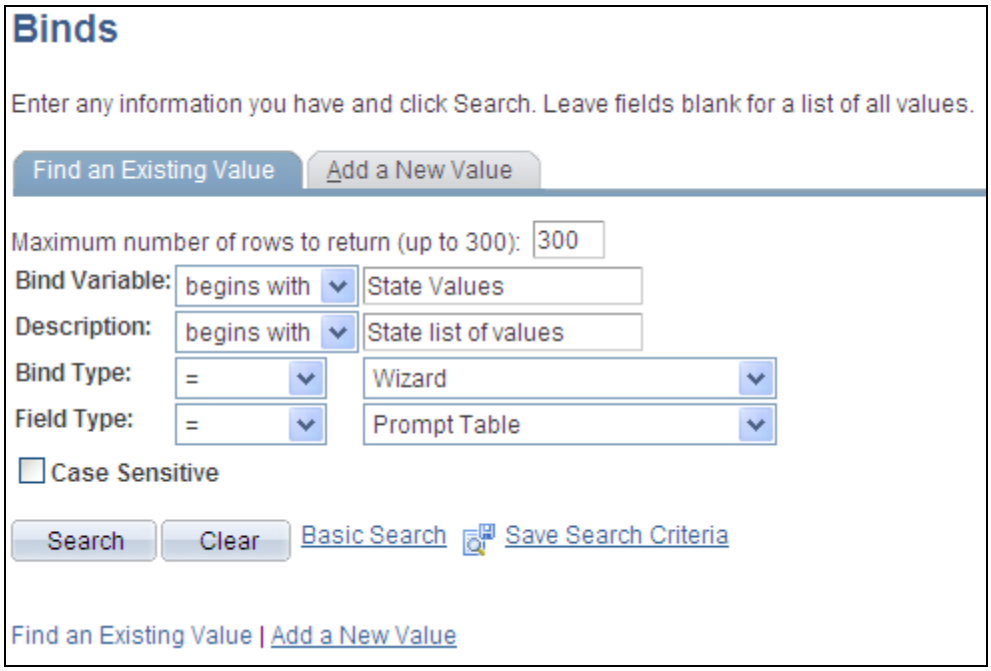
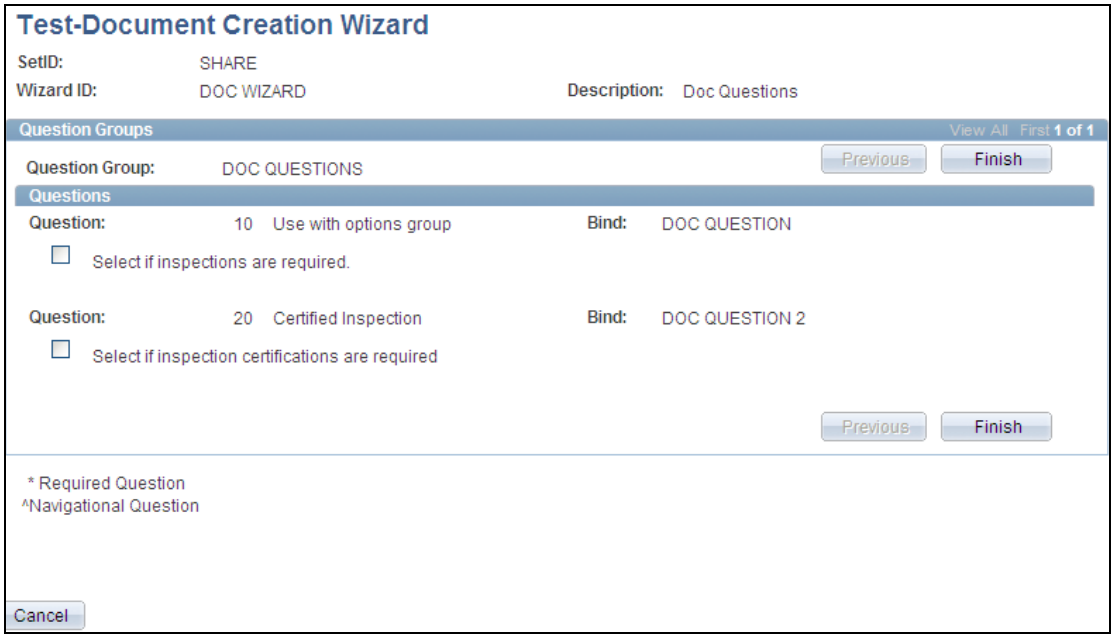


Binds page with a prompt table value

In addition to prompt tables, you can set a mask on a bind variable that ensures that when you enter data into the bind variable using the wizard, you enter the data in the proper format. Masking ensures that numeric values and alpha characters are used where they are required and that any special constants are included.

A final new bind type is the check box bind. This example illustrates how a check box bind appears during a test of a wizard:



Check box bind type question example

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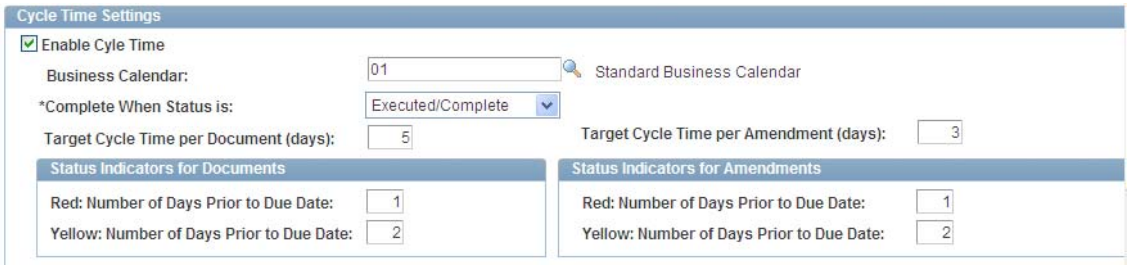
You can use the binds to set up multiple choices for answers to wizard questions. After you define a check box bind within a question group, you can create a wizard that uses the question group. In the previous example, the questions provide check boxes to indicate additional content (clauses) that should appear in a contract. The system uses rules that use each check box bind variable to determine whether a clause should appear based whether it was selected when the wizard was invoked.

Cycle-Time Tracking and Improvements in Document Search

To support internal departmental deliverable agreements for contract turnaround, Release 9.1 provides the ability to incorporate expected turnaround times for original contract creation and contract amendments. This feature will enable you to ***associate a business calendar with a document type, and to target cycle time turnarounds*** for the document from draft to a selected status, such as Executed. Next, you will be able to associate X days from the calculated due date such that when a contract is created you can track actual times for the contract against target times, and you can flag specific contracts that are within a red or yellow X days from the committed date.

New Functionality

Cycle-time tracking will be enabled for PeopleSoft Supplier Contract Management 9.1 using installation options setup. You will use the Installation Options page as shown in the next example to define cycle-time settings:



Cycle Time Settings installation options grid

The settings that you define on this page apply to this installation of PeopleSoft Supplier Contract Management; however, you can override these settings for specific document types using the Document Type feature.

You will be able to set the number of days before the target cycle time that you want the system to display indicators within the Document Management search page. You will use the Red: Number of Days Prior to Due Date and Yellow: Number of Days Prior to Due Date fields to set the indicators for documents and amendments.

Within PeopleSoft Supplier Contract Management 9.1, the Document Management search results, administrators can review overall status based on status red, yellow, and green indicators as calculated by cycle start and due date versus the current date. In addition, the days in status and the awaiting user will appear helping to facilitate contracts that may be stalled in the process. The next page illustrates the search results section:

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Search Results — Customize | Find | View All | First 1-7 of 7 Last

Documents | Details

Delete	Document Keys	Amendment	Document Status	Days In Status	Internal Signature Status	Awaiting User	Checked Out	Cycle Start Date	Cycle Due Date	Status
☐	SHARE / ZPURCH2	0	Draft	0		Kenneth Schumacher		07/08/2009	07/14/2009	●
☐	SHARE / ZPURCH1	0	Pending External Collaboration	1		External Primary User				
☐	SHARE / 0000000000000000000000048	0	Draft	2	All Signatures Entered	Kenneth Schumacher	Yes	07/06/2009	07/10/2009	▽
☐	SHARE / 0000000000000000000000045	0	Draft	2	Prepared/Awaiting Signatures	Kenneth Schumacher		07/06/2009	07/10/2009	▽
☐	SHARE / 0000000000000000000000044	0	Draft	1	Prepared/Awaiting Signatures	Kenneth Schumacher	Yes	07/07/2009	07/13/2009	●
☐	SHARE / 0000000000000000000000041	0	Draft	1	Prepared/Awaiting Signatures	Kenneth Schumacher	Yes	07/07/2009	07/13/2009	●
☐	SHARE / 0000000000000000000000038	0	Draft	1		Kenneth Schumacher		07/06/2009	07/10/2009	▽

Document Management page search results

Other improvements within document search help administrators to:

- Save a default set of values for searching to help an administrator more quickly identify commonly used documents. A Save Search Criteria button is available for this function.
- Better filter documents that may be in a range of status or signature sub statuses by using status indicators. This will improve the capability to identify all pending actions for a document.
- Identify documents more than x days in a status and documents awaiting a specific user.
- View checked out status within search results.
- Better monitor and manage document from- and to-cycle status, start, and due dates by using filter criteria.
- Search on any enabled user-defined fields that are included for search filtering.

This example shows the search criteria available in PeopleSoft Supplier Contract Management Release 9.1:

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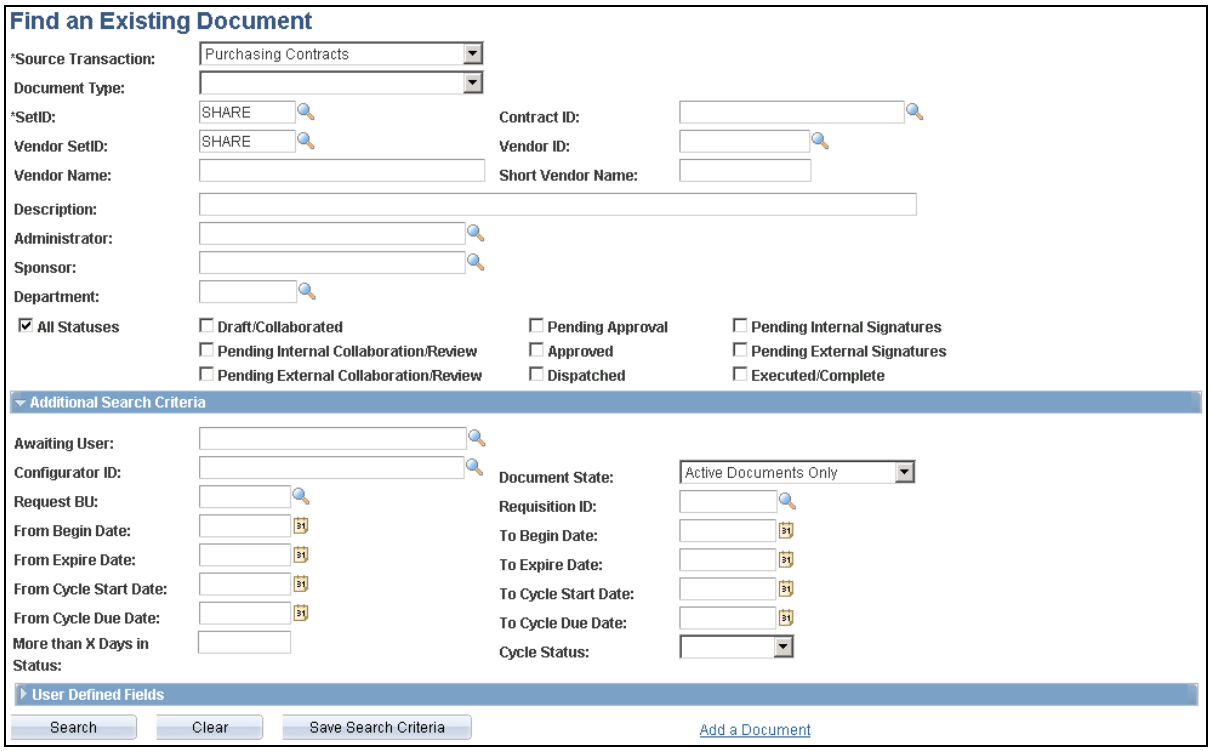

Find an Existing Document page

Executive Summary

In Release 9.1, we plan to provide an ***executive summary feature*** as a means of generating a single, secondary-summary document along with the authored document for the purpose of initial contract executive review. The executive summary document will have its own separate configurator that can be maintained similar to the main document configurator, and it can include wizard and transactional responses used in the main contract creation to populate executive summary documents. The executive summary document can be edited separately from the main contract document and can be recreated or refreshed similar to the main document.

New Functionality

To support the use of an executive summary for release 9.1, the PeopleSoft Supplier Contract Management system will provide a configurator that builds an executive summary document to go along with the regular contract document.

This example displays the Use for Executive Summary check box that has been included for release 9.1:

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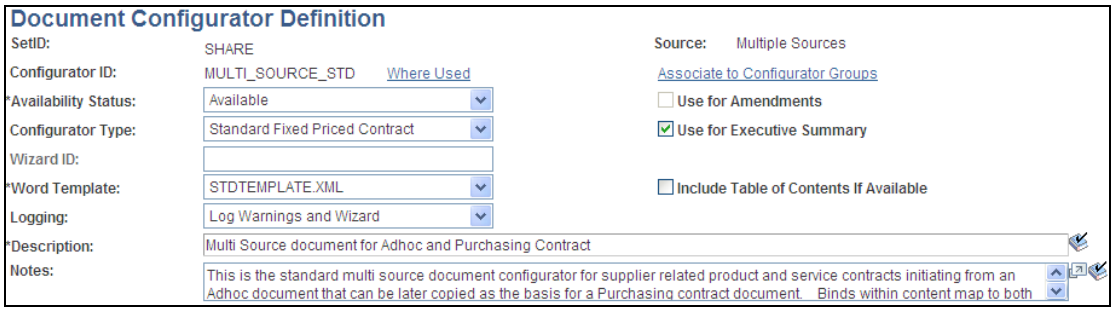
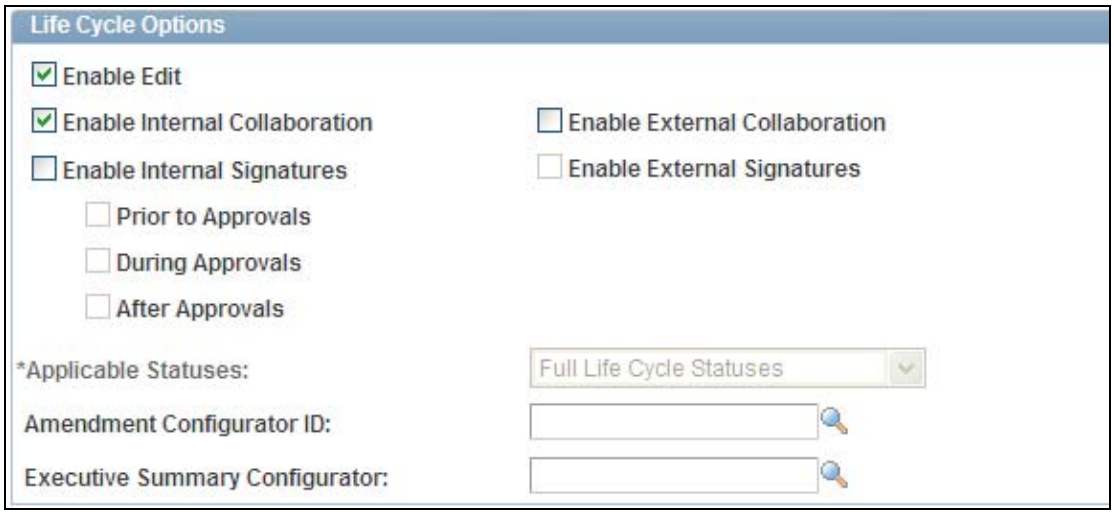


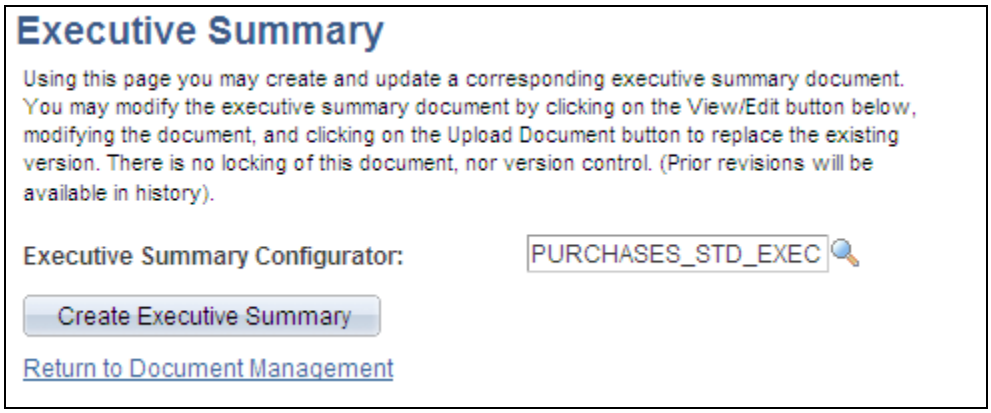
Document Configurator Definition page example

When you create a document type, the system provides the configurators available for use with executive summaries. The next example illustrates the Life Cycle Options grid of the Document Type page, where you can assign an executive summary configurator to a document type:



Use the document type Life Cycle Options grid to select an executive summary configurator

Then, when you create a document that also includes an executive summary configurator, the system displays the Create Executive Summary button on the Document Management page. When you click the button, the Executive Summary page appears for you to create the summary:



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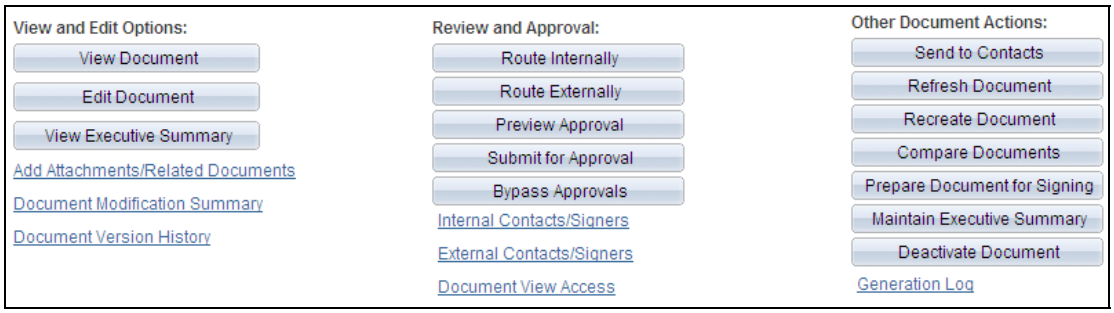
Executive Summary page

After creating the summary, you can use the Document Management page to view, update, re-create, or refresh the separate executive document as you would with the regular contract document.



Document Management page with executive summary

New buttons will be available in Release 9.1 to maintain executive summaries. Click the View Executive Summary button to access the summary. Click the Maintain Executive Summary button to access the Executive Summary page which also enables you to re-create and refresh the summary.

Note: The system allows only one current executive summary per document because it will not support individual version control as it will with the main contract document.

Auto Create Amendment

In Release 9.1, we plan to provide an ***auto create amendment feature*** that enables you to make amendment edits to the last executed contract and have the system automatically compare your edits with the last executed document and extract them and place them within a location that you specify (amendment placeholder section) in the separate amendment file. This process will speed the amendment creation process and reduces the chances for data entry errors when creating amendments. The auto-created amendment document can then be edited separately, as is, with amendment processing that was available prior to Release 9.1.

New Functionality

Before you can use the automatic update of amendment files feature in PeopleSoft Supplier Contract Management 9.1, you will click the Enable Compare Functionality button on the installation options Supplier Contract Management page. This enables the system to compare your main amended contract with the last executed version.

You will also define an amendment placeholder section using the Section Definition page. Use the Section Type field to select the Amendment Placeholder value as the type of section as illustrated in this example:

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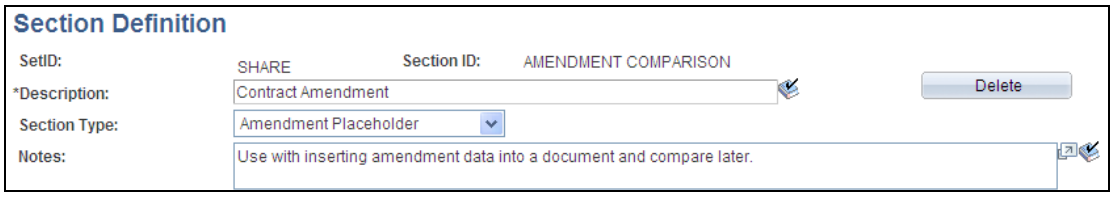

Section Definition page with amendment placeholder section

You must also include the amendment placeholder section in the amendment document configurator. The location where you place the amendment placeholder section in the amendment configurator determines where in the document to place the compare results between the last executed contract and recent edits to the main amended contract.

After you complete the set up and when you check in the main amended contract, the system verifies that the amendment configurator being used is appropriate for automatic updates. During amendment processing, the system generates a separate amendment file, as an appendix or addendum, and a copy of the last executed main contract document that you can revise or automatically update to include the changes specified in the amendment.

The Document Management page displays edit and view buttons for both files. You will use the Edit Amended Document button to revise the last executed main contract. Use the Edit Amendment File button to control updates to the separate amendment file and include summary changes for the amendment.

When creating amendments and using the auto create amendment functionality, the system detects changes identified by Microsoft Word comparisons that include the additions, changes, and deletions of text within the amendment file. The comparisons in the document appear below the amendment placeholder section position that you define for the amendment configurator.

Miscellaneous Enhancements

With PeopleSoft Supplier Contract Management Release 9.1, we plan to provide enhancements to ***improve usability and setup*** in the following areas:

- In the document configurator to identify the relationships between included rules, bind value presence for the wizard configurator, and which clause/section is to be included based on the bind value present during authoring.
- In the ability to embed Binds within Headers and Footers. Bind variables, such as document version number can be embedded within the templates header row or footer row, and the value will be maintained upon document creation and refresh. An additional installation setting will be provided to automatically allow update of document version and amendment binds during the check-in process because these values can change during check in.

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- New functionality that enables you to compare any two Microsoft® Word versions of a contract from the document history page within document management. This compare capability will also be provided when reconciling supplier changes submitted using the supplier portal during collaboration.
- A capability to delete library objects, such as clauses and sections from the system.
- An installation option that will enable defining document retention. When you set the retention option to Keep only Executed Versions, the system will purge previous versions of the contract when the contract is executed and legal requirements are met.
- Additional functionality to the document configurator that allows it to be related to multiple source transactions (Multi Source Configurator). For example, you can specify that a single configurator is used for ad hoc as well as for purchasing contract sources. This feature will provide a method to share configurators and also allows for certain copies of source documents into target documents when the configurator is the same. An example is taking an approved ad hoc document and copying it as the starting point for an authored purchasing contract document while retaining as much as possible the initial edits made while it was an ad hoc document.
- An option for transactional bind variables to indicate that it is a currency-related value. The currency code used within the source transaction (purchasing contract or purchase order) will be used to determine the formatting (decimal places, but not code) for the bind value as it is maintained within the document.
- Enhance the clause import functionality to support the creation of sections and an initial configurator from a Microsoft® Word document. Using this feature, it will make it easier for you to start with the existing legacy Microsoft® Word contract templates, tag them, save them as .xml files using Microsoft® Word, and then use clause import to create initial library elements as a starting point.

New Functionality

Among the new functionalities that support miscellaneous enhancements in PeopleSoft Supplier Contract Management 9.1, a new page will be available to review the details of a rule associated with the document configurator. The page will display the relationship between wizard bind values and which clause or section will be included in the document based on the bind value present during authoring. The next example illustrates the Rule page that you access through the document configurator:

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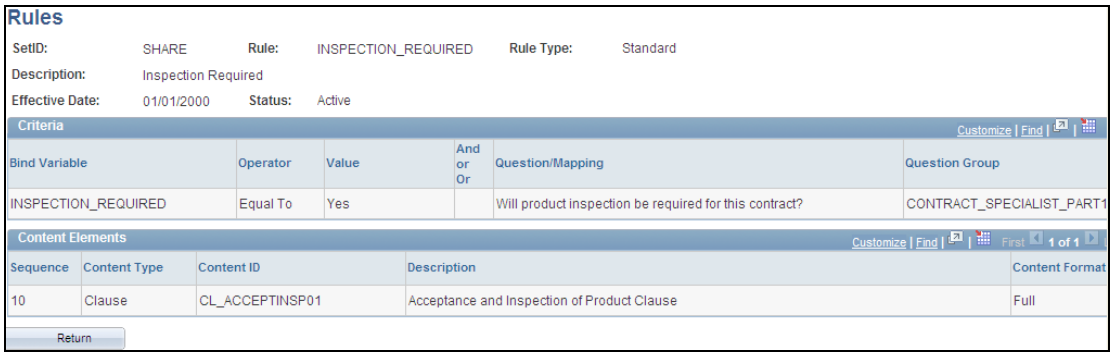

Rules drill-down page

The rule can be associated directly with the document configurator or be associated to a section. The system uses the effective date based on the value in the As of Date field on the Document Configurator Definition page.

Another enhancement for Release 9.1 will be the ability to delete a library object before it has been used in conjunction with another object in the document library. A delete button has been added for these objects:

- Bind Variables
- Clauses
- Sections
- Rules
- Question Groups
- Wizards
- Configurator IDs

This example shows the button on the Clause Definition page:

Clause Definition page with Delete button

The PeopleSoft Supplier Contract Management 9.1 system provides a new Multiple Sources source transaction value. When you select the value when creating a document configurator, the system provides the Applicable Sources grid.

After you add a configurator using multiple sources as the source transaction, you can use the Applicable Sources grid to select which source transactions to use with the configurator. The next example shows the grid:

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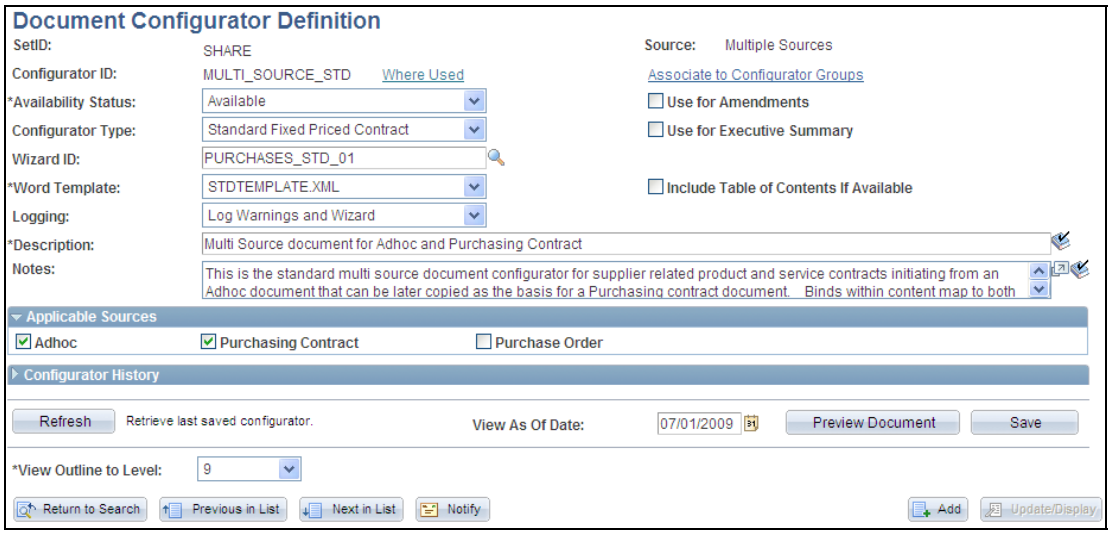

Document Configurator Definition page for Multiple Sources transaction source

You can select all three sources, and you must select at least one source if you are using multiple sources as the transaction type. When you save the configurator, the system validates the objects that you have linked to the configurator and the applicable sources that you selected. You can only attach common clauses, sections, and rules to the configurator.

Rules will be useful for use with multiple source configurators. You can use rules to first evaluate the document's source transaction, then, depending on the configurator's source, when you create the configurator the system adds content specific to the source being generated.

For PeopleSoft Supplier Contract Management Release 9.1, the page for importing clauses will be updated to include the import of sections and the creation of a document configurator when importing clauses and sections. This example shows the updates to the page:

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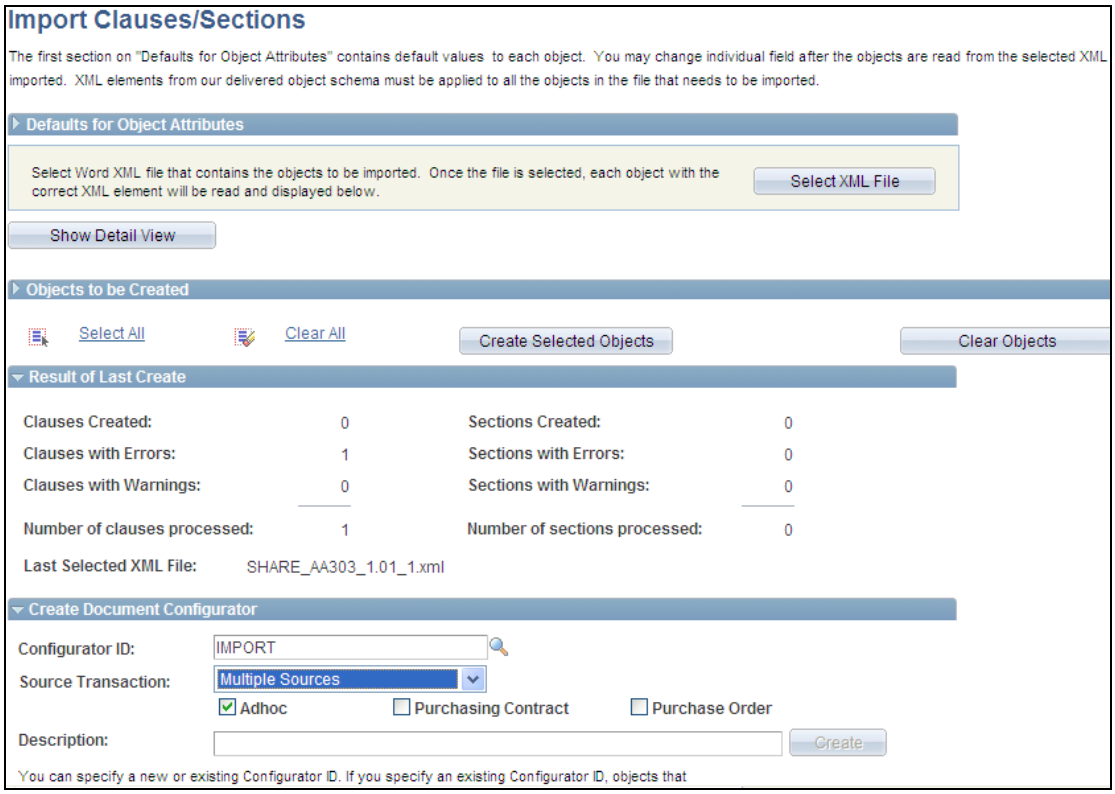

Import Clauses/Sections page

If you select Section as the import type to be created, the system will enable an option for you to create an entire section with the intent of adding child clauses below it as part of the import process. This is useful with reusable sections in the library.

You will use the Create Document Configurator section to create a document configurator after you import objects to the system but before navigating away from the Import Clauses/Sections page. When the page initially appears, the Create button is not available for use. After you import objects and upload them to the contract library, the button becomes available.

You can continue to import and upload objects that will be a part of the configurator. You can only create the configurator once, so ensure that you've included all the objects for use with the configurator. After you create the configurator, you can maintain it and add additional objects using the Document Configurator Definition page.

eSupplier Connection

PeopleSoft eSupplier Connection is an external-facing application that makes strategic information from back-end ERP systems available, in real time, to your suppliers. It enables you to improve business collaboration, supplier response, and employee productivity. You can collaborate with suppliers and share the same view of data using a web-enabled interface—so both buyers and sellers can make faster and more accurate decisions, effortlessly.

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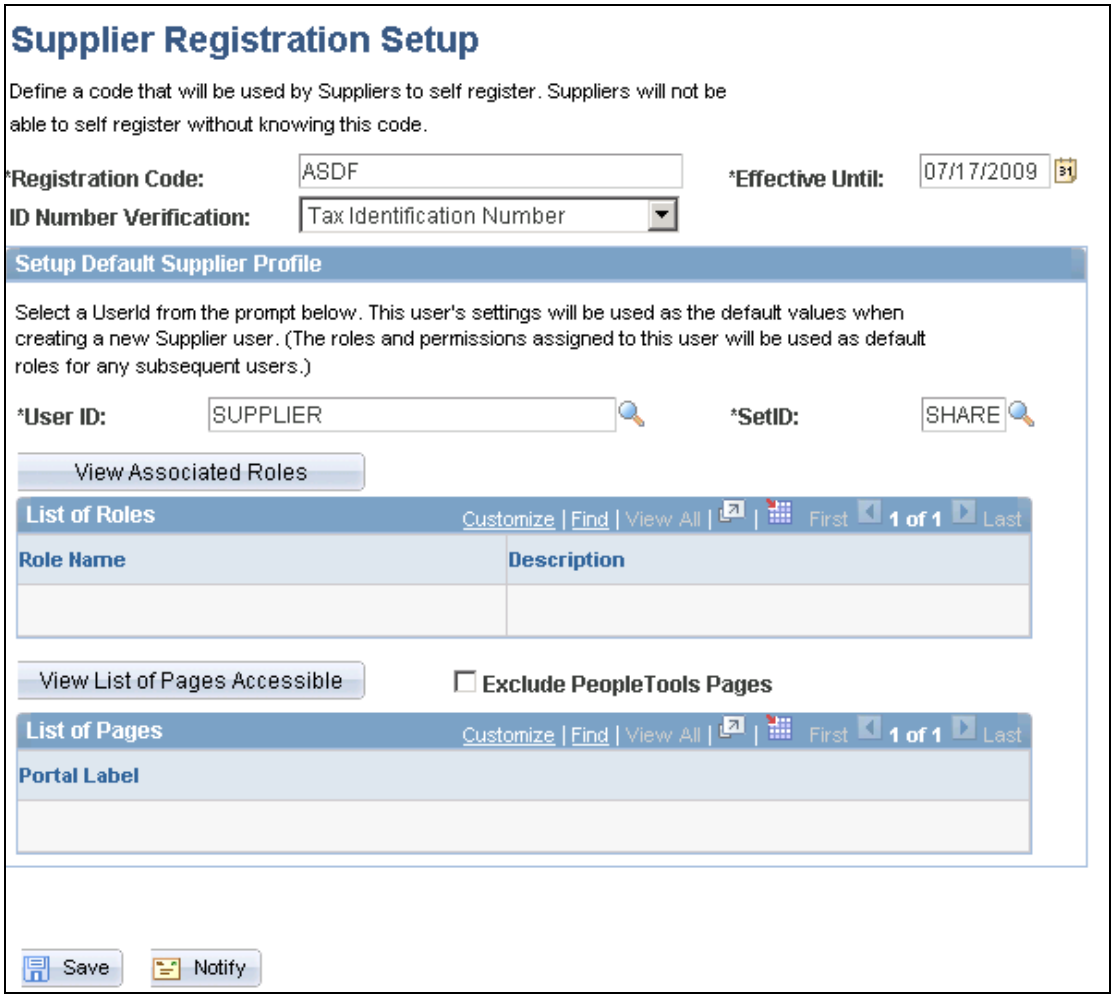
Enhanced eSupplier Connection Registration Security

If your company has large numbers of suppliers to whom you need to provide user accounts and external access, having an administrator register many users is not efficient. You can set up the system to enable supplier users to create accounts individually by defining a registration code which can be sent manually to external users to create their own account. Suppliers will need to know the registration code and their vendor ID to create a supplier user accounts. In PeopleSoft eSupplier Connection Release 9.1, we plan to make the supplier registration more secure. Organizations will have the option to require that specific suppliers enter their Taxpayer Identification Number when registering.

New Functionality

To support supplier registration in PeopleSoft eSupplier Connection 9.1, the Supplier Registration page will be updated to include a new field as shown in this example:



Supplier Registration Setup page

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The registration setup enables suppliers to self register. As part of the setup process, the ID Number Verification field will provide an additional security during the registration. The system will use the ID number in addition to the vendor ID to validate that the supplier guest user has the authority to create an external supplier user that is associated to the vendor.

If an ID number verification has been defined on the Registration Setup page, the system validates that ID number (and type) recorded against the vendor master matches with the number that the external guest user will enter when creating a supplier user.

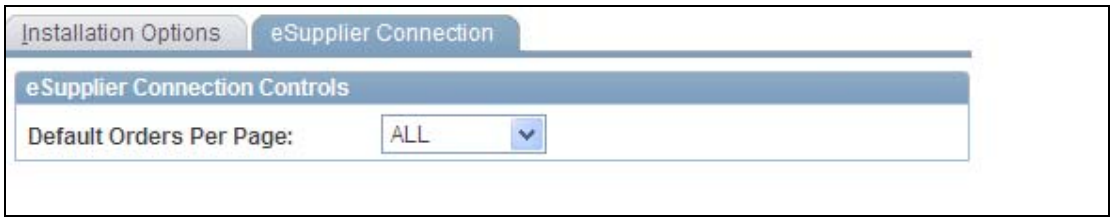
Navigation Improvements

Suppliers can view recently dispatched POs, confirm the details on the PO such as price, quantity, and delivery date; and make updates such as changes to quantity or date, as well as to backorders, automatically informing the buyer of these changes, so there's no delay in communication. Buyers are then able to process the messages to update the purchase orders. Many organizations have very high volume of dispatched purchase orders for a single vendor.

In PeopleSoft eSupplier Connection Release 9.1, we plan to improve the ability for suppliers to navigate through large volumes of purchase orders and PO acknowledgments, allowing a supplier to more easily traverse the set of POs and Acknowledgments being viewed and acted upon. Suppliers can select the number of POs they would like to view per page, and easily move to the other pages.

New Functionality

To support navigation improvements, a new PeopleSoft eSupplier Connection installation option will be added on the employee (internal) side. This option will enable you to select the default value for the number of orders per page. The default value, as shown in this example is All, but you can change it to 12, 25, 50, or 100:



eSupplier Connection installation options

Then, on the supplier side (external), when supplier users select Manage Orders on the main menu and either the Purchase Orders or Acknowledge Purchase Orders component, they will now see a chunking user interface that facilitates navigating larger sets of purchase orders. This example shows the Purchase Order List page with its chunking fields:

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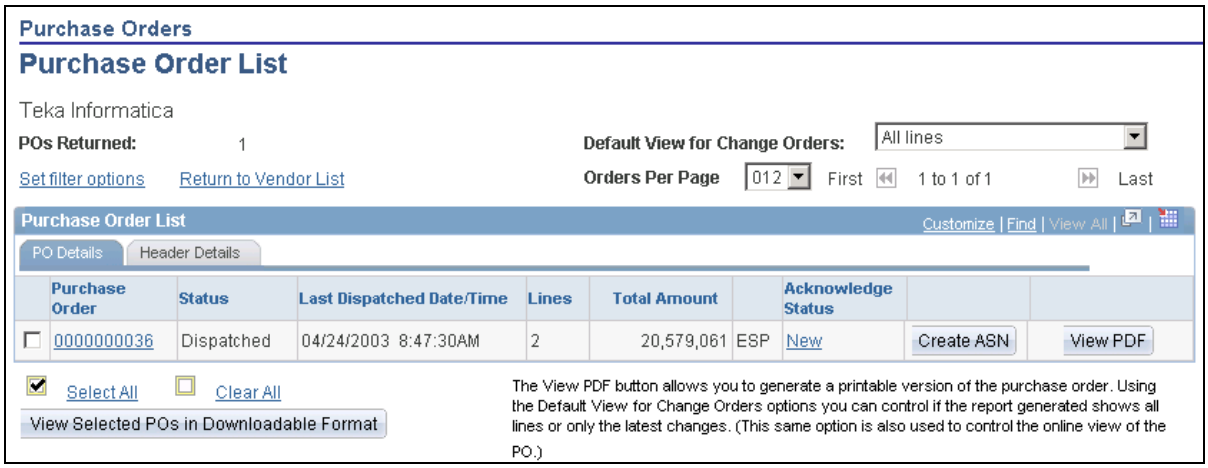

Purchase Order List page

New fields on the page include the Orders Per Page field with the value received from the installation setting. The remaining chunking fields will enable you to scroll through purchase orders and view scrolling values and the total value.

eProcurement 9.1

As a component of the comprehensive PeopleSoft Enterprise Supplier Relationship Management integrated suite, PeopleSoft eProcurement helps many organizations streamline employee ordering, enforce spending policy, and reduce procurement costs. With PeopleSoft eProcurement, organizations can control employee spending, enable employee self-service, and leverage their supply base. The results are lower costs, improved supplier relationships, and dynamic information to make better, faster buying decisions.

Dispatching Purchase Orders

It is common for you to make minor formatting or layout modification to a print/fax/email purchase order to suit your company's specific needs. Before Release 9.1, you made these cosmetic-only changes to printed documents via a customization to the underlying dispatch program. In PeopleSoft eProcurement Release 9.1, we plan to continue to incorporate fusion technology within the applications. ***PO Dispatch via XML Publisher*** will allow you to easily configure the layout of your dispatched purchase orders to meet the needs of your organization and suppliers. The XML Publisher technology can be leveraged to provide a configurable way to manage format changes. When format or layout changes are required on a purchase order, users can create the layout template in XML Publisher.

Before Release 9.1, both Purchasing and eProcurement had functionality for dispatching purchase orders. However, depending on the dispatch type of the purchase orders, a user may be required to navigate to different pages in either application to initiate the dispatch. In Release 9.1, we plan to consolidate these mechanisms so that dispatched functionality becomes transparent to a user. Organizations will have the ***option to use the new XML Publisher in conjunction with the new Application Engine process*** or to continue using the existing POPO005.sqr report for dispatching purchase orders.

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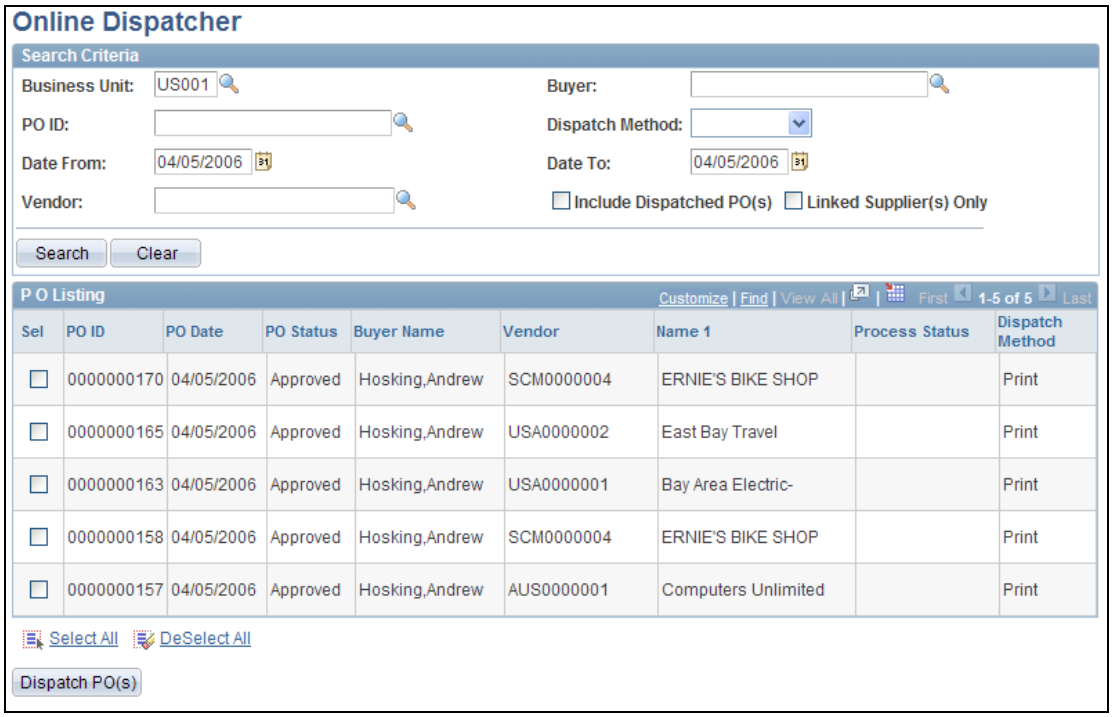
New Functionality

XML Publisher is a template-based reporting solution that separates the data extraction process from the report layout and enables the reuse of extracted application data into multiple report layouts. You will change the format or layout of a purchase order report without changing the underlying program that controls the business logic. Change the purchase order formats by selecting different report template IDs for different types of purchase orders. PeopleSoft will be delivered with sample data already set up to generate an XML Publisher purchase order that uses the same format as the SQR report. Use this data as a starting point to create your own layout for purchase orders using the XML Publisher. The template ID for dispatched purchase order can be defined at the system-level, the business unit level, the run control for the dispatch process, or the individual purchase order. To use the XML Publisher for purchase orders in both PeopleSoft eProcurement and PeopleSoft Purchasing, you will select the new Enable XML Publisher check box on the Purchasing page of the Installation Options component.

If the Enable XML Publisher check box is selected, then you will be able to use the Online Dispatcher page or the Purchase Orders run control page to dispatch purchase orders using any dispatch method: print, fax, email, phone, EDX with linked suppliers, and EDX without linked suppliers. In previous releases, these pages would dispatch only EDX purchase orders.



Online Dispatcher page

The Online Dispatcher page will contain a Dispatch Method field, which you use to select any dispatch type or leave blank to select all dispatch types. A new Linked Supplier(s) Only check box will enable you to limit the selection to purchase orders with linked suppliers.

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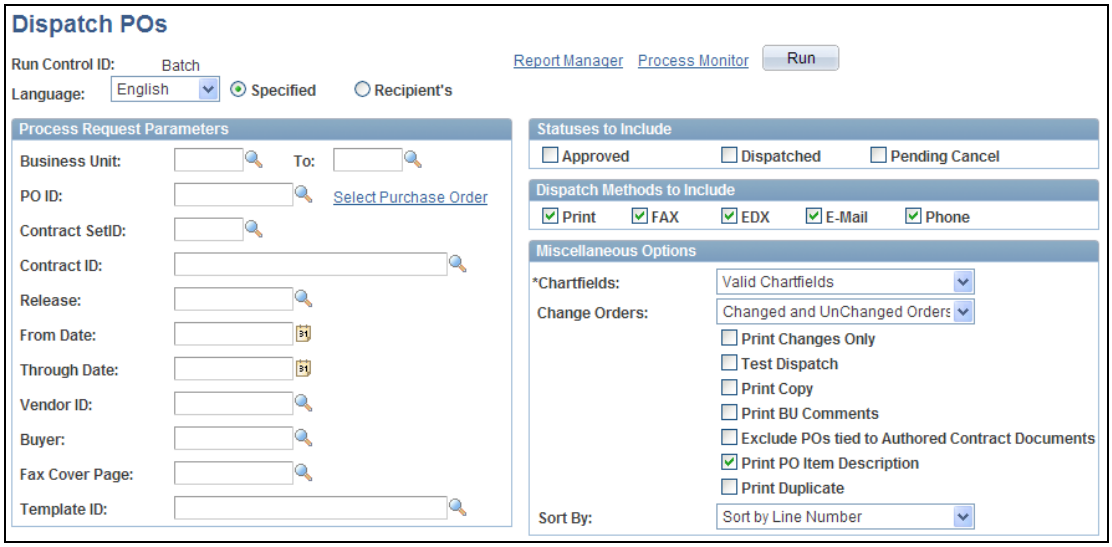
If SQR is used to format your purchase orders (that is, the Oracle XML Publisher is not enabled), then the Online Dispatcher page will be limited to purchase orders using the EDX dispatch method with a linked supplier.



Dispatch POs run control page

The Dispatch POs run control page was named the Batch Dispatcher run control page in prior releases. In release 9.1, this run control page will be redesigned to enable you to dispatch purchase orders with any dispatch type. In addition, the new run control page will provide many more selection criteria. Use the new Template ID field to select or override the report format used by the XML Publisher.

If you format purchase orders using SQR, then this run control page dispatches only purchase orders using the EDX dispatch method with a linked supplier. If you are format purchase orders using Oracle XML Publisher (select the Enable XML Publisher check box on the Purchasing page of the Installation Options component), then use this run control page to dispatch purchase orders with any dispatch method.

Procurement Contract Enhancements for eProcurement

For eProcurement organizations that use PeopleSoft Purchasing Procurement Contracts, several new Release 9.1 Procurement Contract enhancements planned will benefit eProcurement requisition ordering and processing. They will help to ensure that the correct contract is referenced and that the accurate contract pricing is applied to the requisition. Please see PeopleSoft Purchasing section for more details on all of the Procurement Contract enhancements.

Sometimes contracts are negotiated for many items in the same category. With Release 9.1, we plan to provide ***Contracts by Category*** to enable you to simply enter the category of the line items on the procurement contract. Instead of defining and maintaining each item individually in the contract, the Contracts by Category feature will allow you to specify the category, along with price adjustments and item exceptions, thus saving time and reducing errors. eProcurement Requisitions will be able to reference Contracts by Category.

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PeopleSoft PO Sourcing automatically searches for contracts to use on purchase orders, reducing the need for some organizations to know the contract at the time of requisitioning. Other organizations benefit by having the system automatically default the contract. In Release 9.1, we plan to provide a new business unit level option ***Default Contract on Req*** which will provide the option to automatically default a contract on to the requisition line, while giving requesters the opportunity to override the contract if necessary. Streamlining this process by automatically defaulting a contract will help ensure consistent funds and amount approvals.

In Release 9.1, we plan to provide capabilities so that when a contract is referenced on a requisition line, the system ***will automatically apply contract pricing and price adjustments***. Using the contract price on the requisition line will help ensure accurate pre-encumbrance recording and more accurate approval processing.

Planned 9.1 features for ***enhanced contract search*** on requisitions and purchase orders expands the search criteria and search results providing visibility into Master Contract information, contract description, expiration dates, and remaining amounts and quantities. This information will help buyers and requesters select the appropriate contract for their transaction.

Before Release 9.1, non-item ID Contract line items were available for reference on purchase order lines. In Release 9.1, we plan to expand this functionality to the requisition, giving requesters the option to manually select non-item ID Contract line items for association with their non-item Requisition lines. This feature will relieve the buyer of manually associating the lines on the purchase order, which will save time and prevent contract leakage. This feature will help expand the usage of Procurement Contracts to services and goods not maintained in the item master.

New Functionality

When creating a new requisition, new and enhanced contract fields will be added to the Line Details page of the Review and Submit component.

The Contract section of the Line Details page

In previous releases, the Line Details page only contained the Contract ID field and the Line field with a basic search.

In release 9.1, the Line Details page will include:

- Automatic insertion of a default contract ID matching the requisition line information. To apply a default contract, select the Default Contract On Req check box on the Purchasing Definition – Business Unit Options page.
- An icon to link to the new Contract Search page, where you can perform advanced searches for contracts to be applied to this requisition line.

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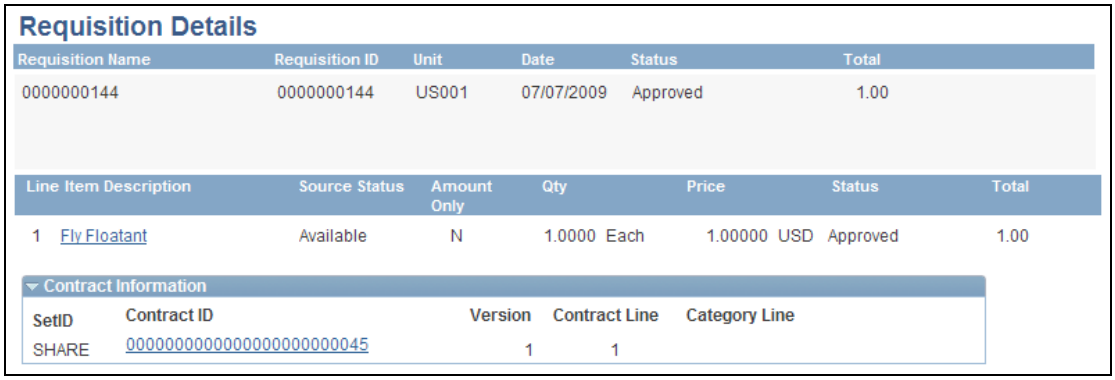
- The Use Contract if Available check box to have the sourcing process find the best contract for this requisition line when you have left the Contract ID field blank or to have the system use the contract ID that you have entered in the Contract ID field.
- The Category Line field to apply a contract category to the line item.

In the Requisitions Details page of the Manage Requisitions component, the Contract Information group box will appear if a contract ID is assigned to the requisition line.



Requisition Details page

Budgetary Enhancements

For organizations using Commitment Control, in PeopleSoft eProcurement Release 9.1, we plan to provide visibility to ***remaining pre-encumbrance balances*** on the Manage Requisitions page. Encumbrance balances will also appear at the distribution line level. Quick access to remaining balances improves the user experience for organizations that use Commitment Control.

New Functionality

The Manage Requisitions page will display the budget status for each requisition that was budget checked.

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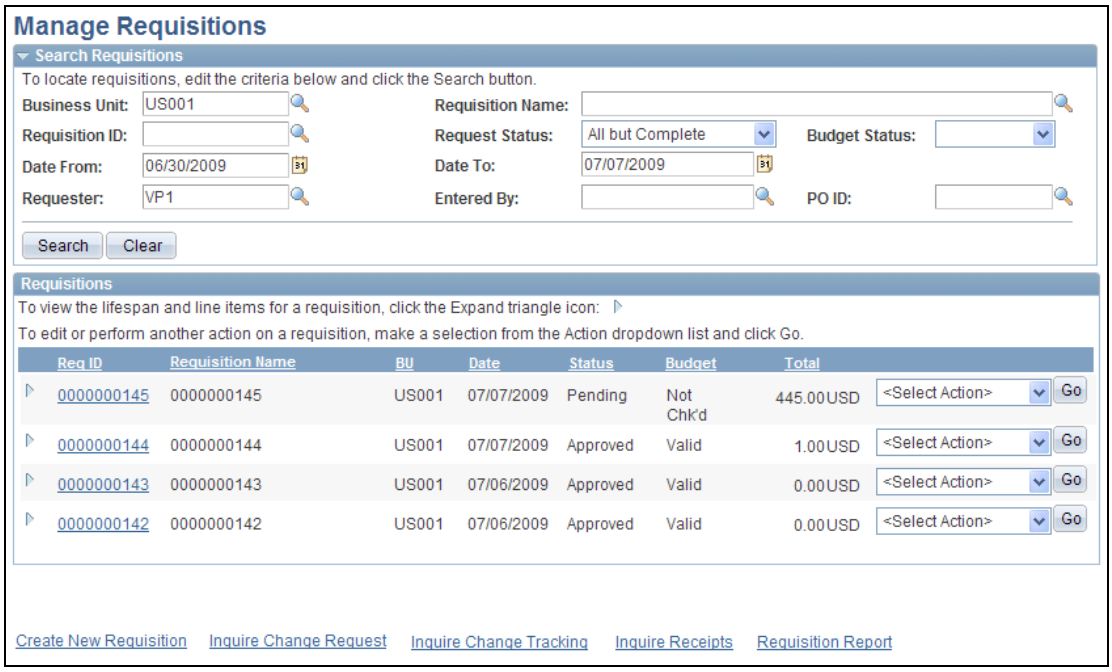
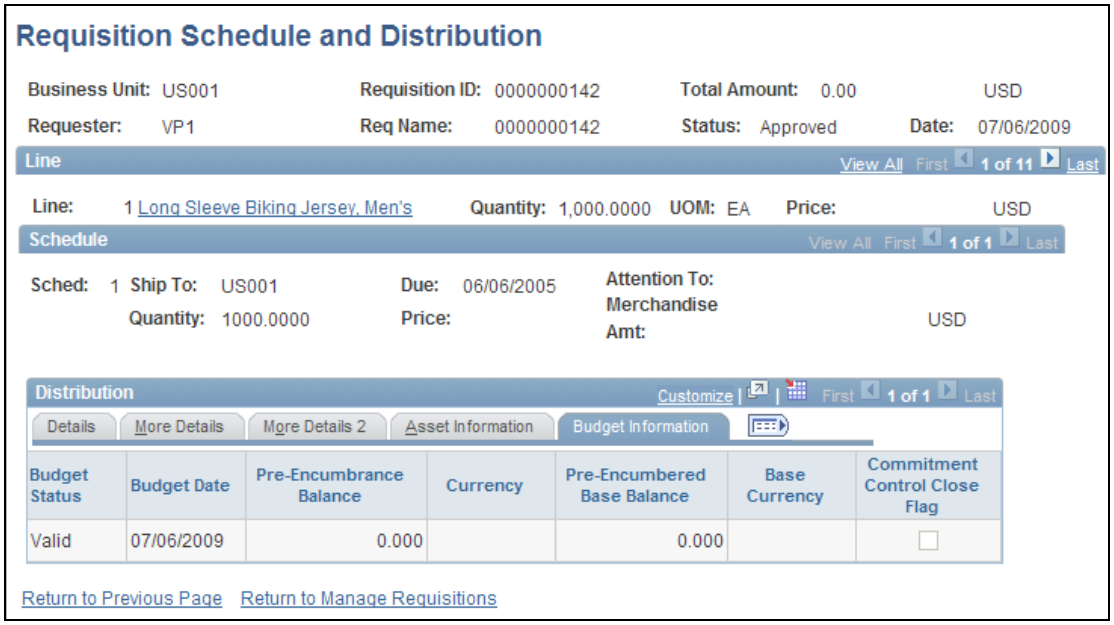


Manage Requisitions page

The Requisition Schedule and Distribution page within the Manage Requisitions component will display budget data under the Budget Information tab.



Requisition Schedule and Distribution page

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Requisition Change Tracking

Requester requirements can change frequently, and requesters must be able to communicate the changed requirements easily and effectively through the procurement system. To manage this requirement they need the ability to change requisitions after they are sourced to purchase orders, track the changes within the system, and have these changes go through the appropriate approvals.

In eProcurement Release 9.1, we plan to introduce an ***enhanced change request process***. Requesters may not be aware that their requisitions have been sourced and dispatched when they make changes to the requisition, nor do they need to be. In Release 9.1, we plan for requesters to initiate their changes directly within the requisition. The application automatically initiates a PO Change Request if the requisition is already sourced. The Change Request processing ensures that changes initiated from the requester, such as an increase in the order quantity, will be synchronized with the purchase order. The purchase order will reflect the correct quantity associated with the requisition.

In eProcurement Release 9.1, we plan to introduce ***Requisition Change tracking*** to capture and track all header, line, and schedule changes made to eProcurement requisitions. Tracking of changes will begin once the requisition is Approved, Budget Checked, or Sourced, whichever option is appropriate. Buyers, requesters, and managers can view the audit trail of changes to eProcurement requisitions at any time. Users can view what changes were made, when the changes were made, and who made the changes. Optionally, organizations can capture the reason for the change using the new ***Change Reason Enhancement***. Change Reason codes will be user defined and may include free form comments by the user. Change reasons can be configured to be Required, Optional, or Not Used within the organization.

In eProcurement Release 9.1, we plan to give organizations the ***flexibility to control which fields, when changed on the eProcurement requisition, will trigger re-approval***. Your organization can determine which header, line, schedule, and distribution fields, when changed, will initiate the Approval Framework for re-approval. For example, re-approval may be necessary for Price changes, but not required for changes to the delivery location.

With the ***Enhanced Change Template*** in PeopleSoft eProcurement Release 9.1 we plan to give organizations the flexibility to put in place better control over requisition changes. From the same Change template, users will be able to specify (1) which fields, when changed, will be tracked in the change history; (2) which fields, when changed, will initiate a change request to the PO; and (3) which fields, when changed, will require re-approval.

New Functionality

The Edit Requisitions page will enable you to change an existing requisition that has been approved, sourced to a purchase order, or sourced to a dispatched purchase order. Make your changes on the Edit Requisition page. Based on your setup, the system will perform the following actions when you save the page:

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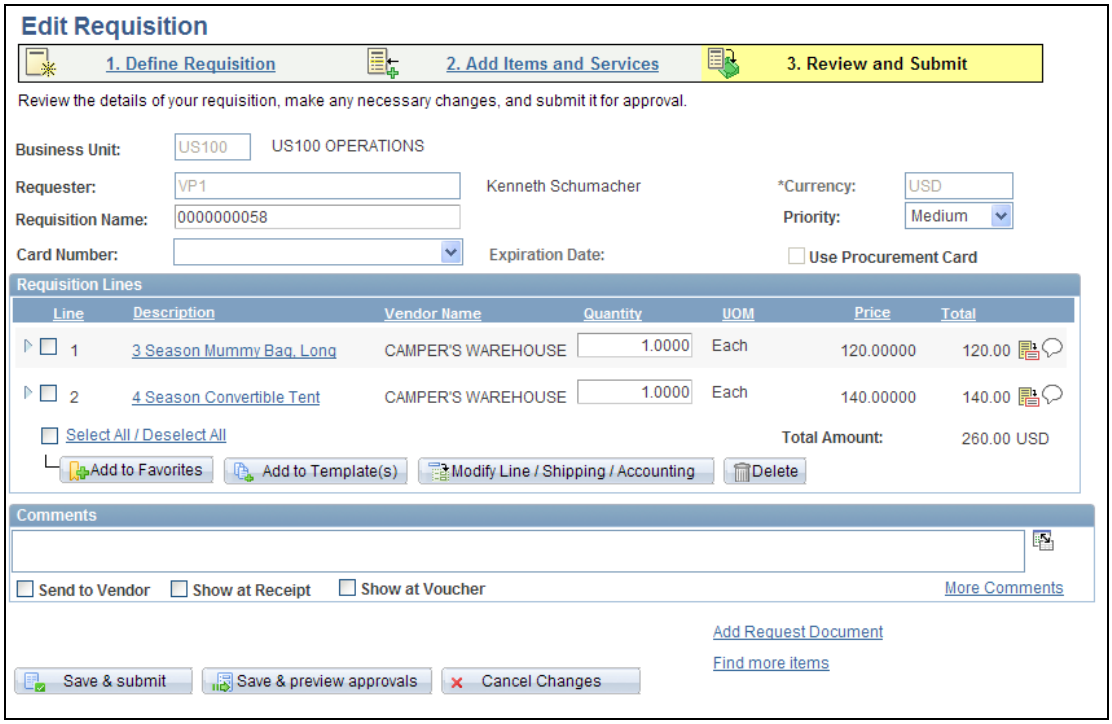
- Updates the requisition with your changes. If you change a requisition where no requisition lines have been sourced, then the system updates the requisition. If you change a requisition that has one or more lines that have already been sourced to a purchase order, then the system updates the requisition and creates a change request.
- Displays a pop-up window where you can enter a reason code and comments. A reason code or comment can be required or optional based on your settings on the Procurement Change Reason Codes page.
- Invokes the Change Tracking feature based on the status of your requisition, your requisition change template, and the setting in the Change Option field of the Purchasing Definition-Req Change Options page. The Change Tracking feature includes changes to any fields marked for track change on the template, the user who modified the requisition, and the date and time of each change.
- Initiates the approval framework for any fields that changed and are marked as needing re-approval on the requisition change template. The changed requisition must complete the approval process from the beginning. Role actions take precedence over template settings in determining whether re-approval is required.



Edit Requisition page enables you to change the requisition

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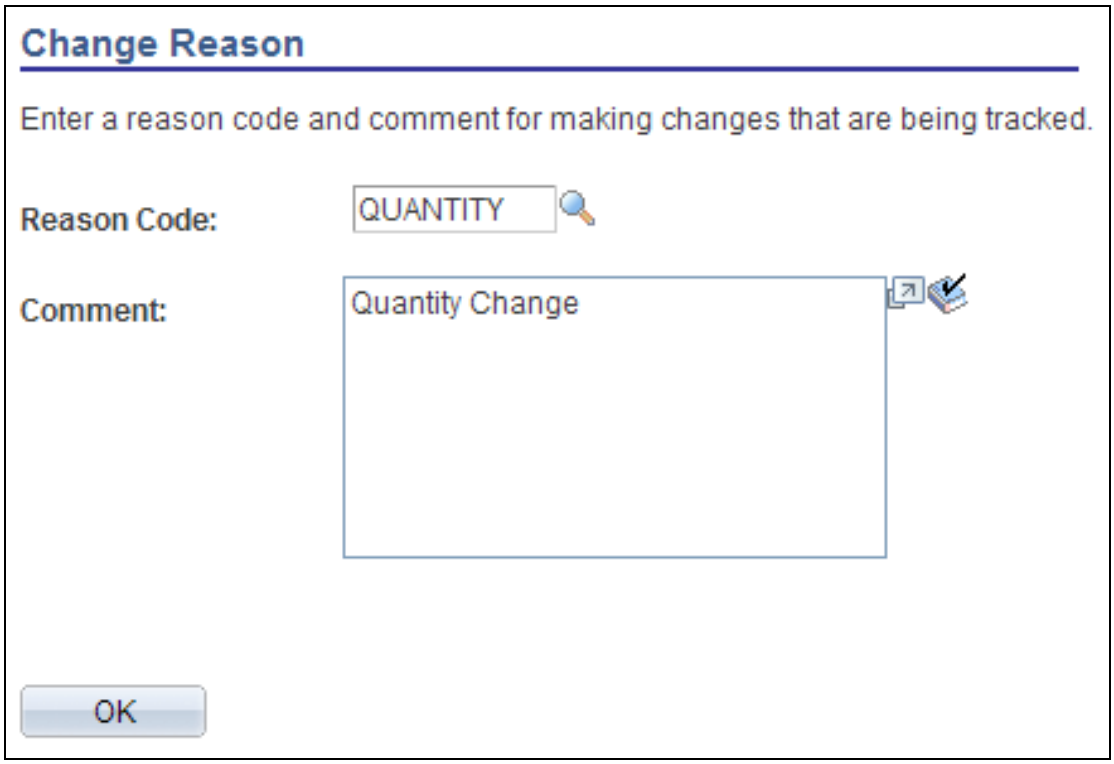

Change Reason page

Based on your setup, the Change Reason page will display when a user changes a requisition. The user will enter the reason code and a comment.

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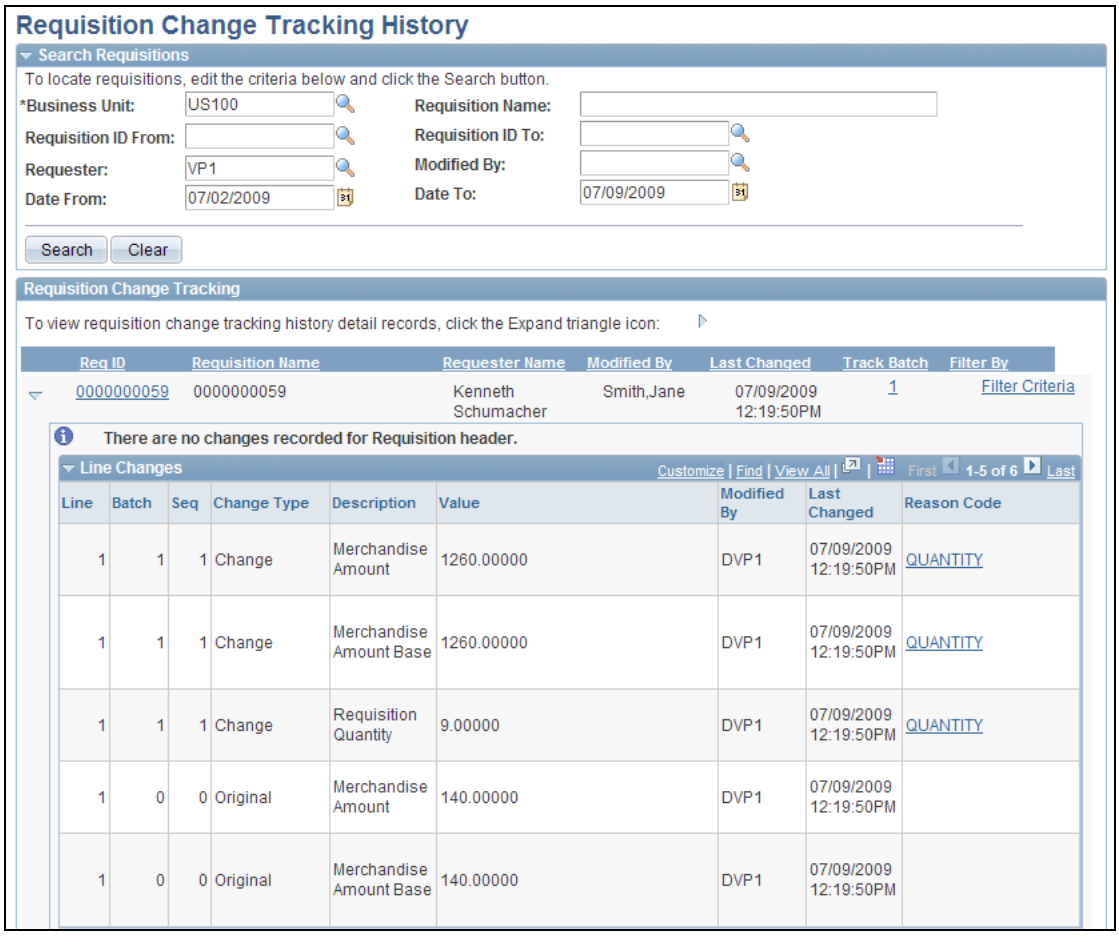

Requisition Change Tracking History page

The Requisition Change Tracking History page will provide you with an audit trail of key transactional information including, changes to any fields marked for track changes on the change template, the user who modified the requisition, and the date and time of each requisition change request.

Usability Enhancements

For PeopleSoft eProcurement Release 9.1, we plan to continue to deliver usability improvements. ***Expanded fields lengths for Ship-To, Location, and Department*** will make it easier to quickly view all information on a page, thereby increasing user productivity.

Before Release 9.1, functionality for printing the eProcurement requisition existed only on the Confirmation page. However, requisition approvers often want to print the requisition details before approving the transaction. In PeopleSoft eProcurement Release 9.1, we plan to deliver ***Enhanced Requisition Reports***, leveraging XML Publisher for viewing and printing requisitions from the confirmation and approval pages. XML Publisher will make it easier for organizations to configure the reports to display the requisition information that is most important to their users.

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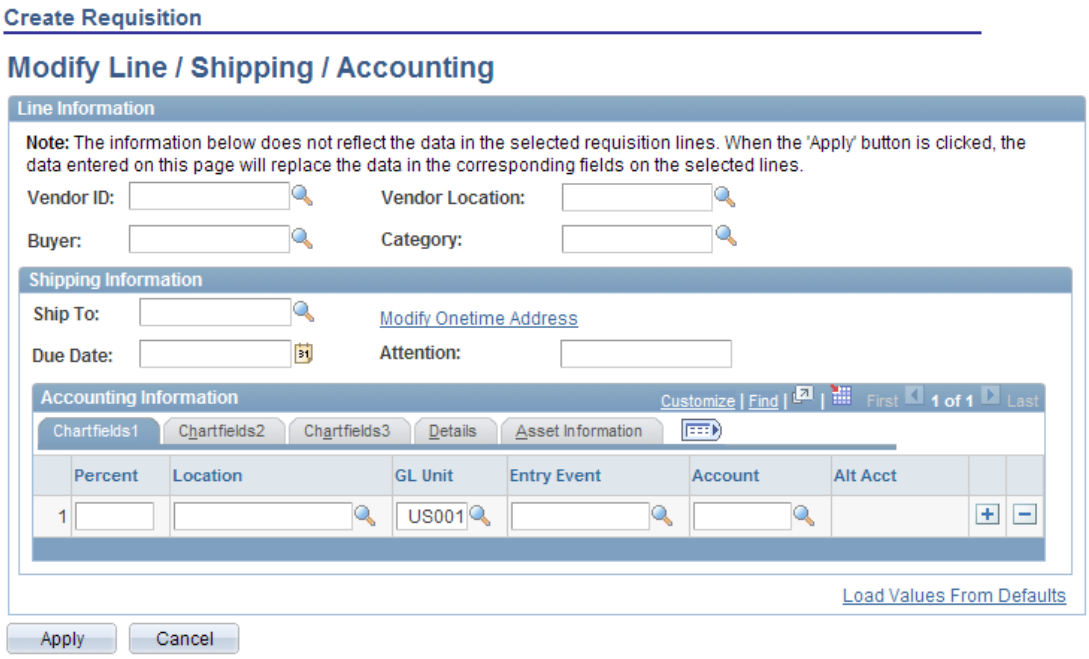
We also plan to improve the user experience by providing requesters more ***detailed information in warning messages***. For example, if the requester's order quantity does not meet the vendor's minimum requirements, the system will present the vendor's minimum ordering requirements so that the user can adjust the quantities online. The buyer will not have to manage the error when creating the purchase order.

In Release 9.1 eProcurement, we plan to add improved visibility to ***One-time Ship-To Address***. Buyers and requesters will have access to view One-time Ship-To Address information on the eProcurement Requisition Summary and Manage Requisitions pages. Requesters with the new "No One-time Ship-To" role action will be prohibited from creating a One-time Ship-To address, which will provide organizations more security and control.

New Functionality



Modify Line/Shipping/Accounting page

The Ship To field, Location field, and Department field will be expanded.

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Business Unit: US100 **Requester:** VP1 **Status:** Approved
Requisition: 0000000060 **Requested By:** Kenneth Schumacher **Currency:** USD
Requisition Name: Office supplies for office 523 **Entered Date:** 7/8/09 **Requisition Total:** 140.00

Line: 1 **Item Description:** 4 Season Convertible Tent **Quantity:** 1.0000 **UOM:** EA **Price:** 140.00 **Line Total:** 140.00
Line Status: Approved

Ship Line: 1
Attention: Kenneth Schumacher
Ship To: US001
Due Date:
Address:
144 North Street
New York NY 10168 United States
Shipping Quantity: 1.0000
Shipping Total: 140.00

Dist	Status	Location	Qty	PCT	Amount	GL Unit	Account
1	Open	US001	1.0000	100.00	140.00	US005	212020

Dept	Fund	Program
11000	F900	P7000

Open QTY	Open Amt
1.0000	0.000

GL Base Amount	Currency	Sequence	Capitalize
140.00	USD	0	N

Example of new requisition report

Select the View Printable Version link from the Confirmation page or the Requisition Approval page to view an online requisition that shows the layout of the printed version. You can display or print the requisition with or without the distribution details.

Enhanced Vendor Search for Special Requests

eProcurement enhances the method by which requesters can search for vendors when using special requests. With Release 9.1, we plan to provide a new ***Vendor Name Search enhancement*** that will allow requesters to search for vendors based on their name, making it easier and quicker for users to find their supplier.

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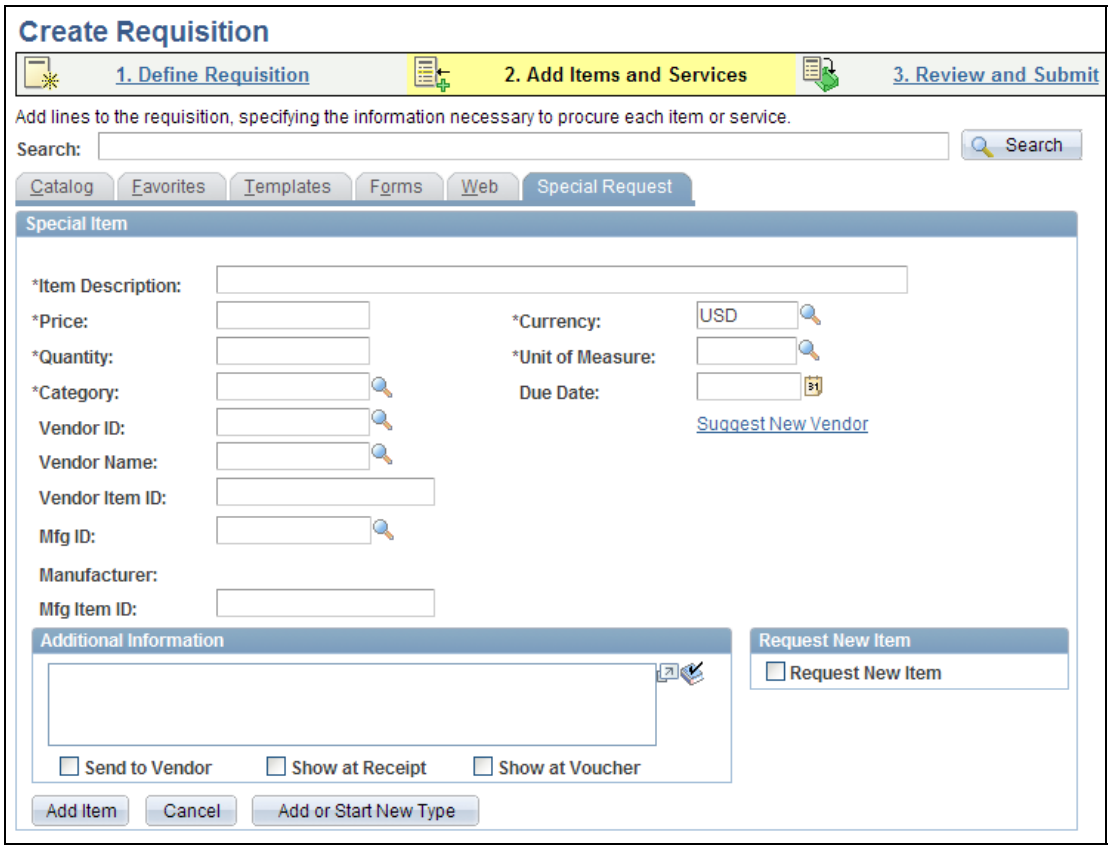
New Functionality



Special Item page

The Vendor Name field will be added to the Special Item page, Special Request - Fixed Cost Service page, Special Request - Variable Cost Service page, and the Special Request - Time and Materials page.

Saving Direct Connect Items to Favorites

PeopleSoft eProcurement offers organizations the option to procure items from a direct connect supplier, including both PunchOut and RoundTrip direct connect suppliers. Requesters can add direct connect items as a special order item, include them on an order, and add the special order items to a Favorites list or template. With Release 9.1, we plan to provide the ***option for requesters to save direct connect items to their list of Favorite items***. Preventing direct connect items from being saved as favorites ensures that the users connect to the direct connect supplier each time they order to get the most current item and pricing information.

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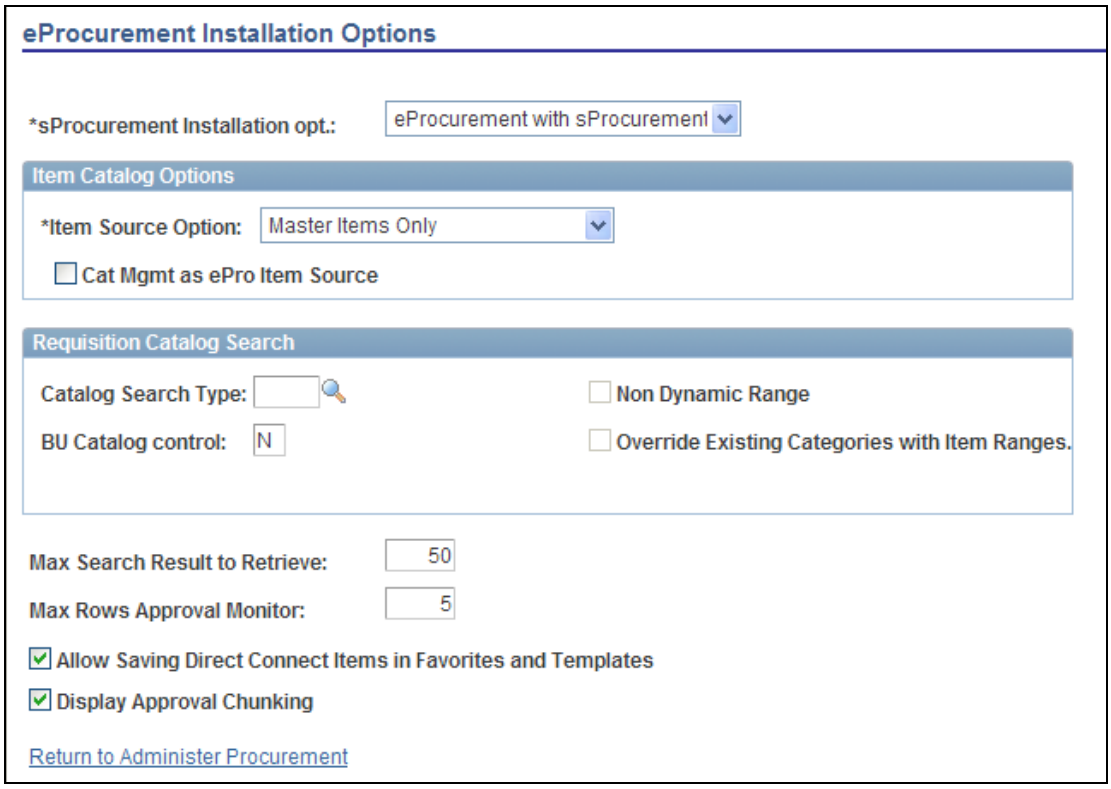
For those organizations that allow users to save direct connect items to Favorites, PeopleSoft eProcurement plans to capture the direct connect attributes needed to allow the saved items to be ordered and dispatched again to the direct connect suppliers. Also, when ordering direct connect item from favorites, we plan for eProcurement to provide PunchOut integration to the vendor site to get the current pricing. This new feature will allow requesters to ***retrieve items from a direct connect supplier one time and then be able to order the items repeatedly without connecting to the supplier's website and searching for the item***.

New Functionality

On the eProcurement Installation Options page select the Allow Saving Direct Connect Items in Favorites and Templates check box to allow direct connect items to be saved as favorites or as items on a template.



eProcurement Installation Options page

To add direct connect items to a favorites list:

- Place direct connect items on an eProcurement requisition by using the Web page of the Create Requisition component. The Web page enables you to access the supplier's online catalog.
- On the Review and Submit page of the Create Requisition component, select the direct connect item and click the Add to Favorites button.

To use a direct connect item that is already saved as a favorite:

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- When creating a new requisition, go to the Favorites page of the Create Requisition component and select the desired direct connect item.
- Click the item description of the direct connect item or the Add button:
  - For PunchOut items, you can enable the system to access the supplier's website in edit mode. After you check out from the supplier's website, the item is added to the requisition with the latest price and item description.
  - For RoundTrip items, the item price and description can be validated in the background against the supplier's online catalog.
- Once you have completed your requisition, access the Review and Submit page and click the Save button. The requisition is now saved and, in addition, any new information obtained from the supplier's website, such as a price change, is used to update the direct connect item on the Favorite list.

Verity Performance Improvement

The Verity search engine offers fast eProcurement requisition item searches and advanced search options, including the use of Boolean operators. Requesters can use the Verity search engine to search the PeopleSoft item master tables, express catalogs, express forms, direct connect suppliers, and business templates. In eProcurement Release 9.1, we plan to introduce ***Verity Chunking Logic*** for creating and building new collections. This feature will improve indexing performance, which will reduce the overall time spent creating new collections.

Support for Trade-ins

Organizations occasionally track and record trade-in information on purchase orders when they request a new or replacement item. In Release 9.1 we plan to provide ***Support for Trade-ins*** by allowing users to enter a negative amount line for special request requisitions. The negative amount line will automatically flow through to a purchase order and invoice.

New Functionality

You can create a special request item or service with a negative price. This feature will enable you to record trade-in items or special discount offers such as instant rebates and special coupon offers. You will be able to enter a negative price item within PeopleSoft Purchasing and PeopleSoft eProcurement; however, negative prices cannot be entered in PeopleSoft Services Procurement.

Using the Special Requests pages in PeopleSoft eProcurement, you can enter the negative value in the following fields:

- The Price field on the Special Item page.
- The Value of Service field on the Special Request - Fixed Cost Service page.
- The Rate field on the Special Request - Variable Cost Service page.
- The Rate field and the Price field on the Special Request - Time and Materials page.

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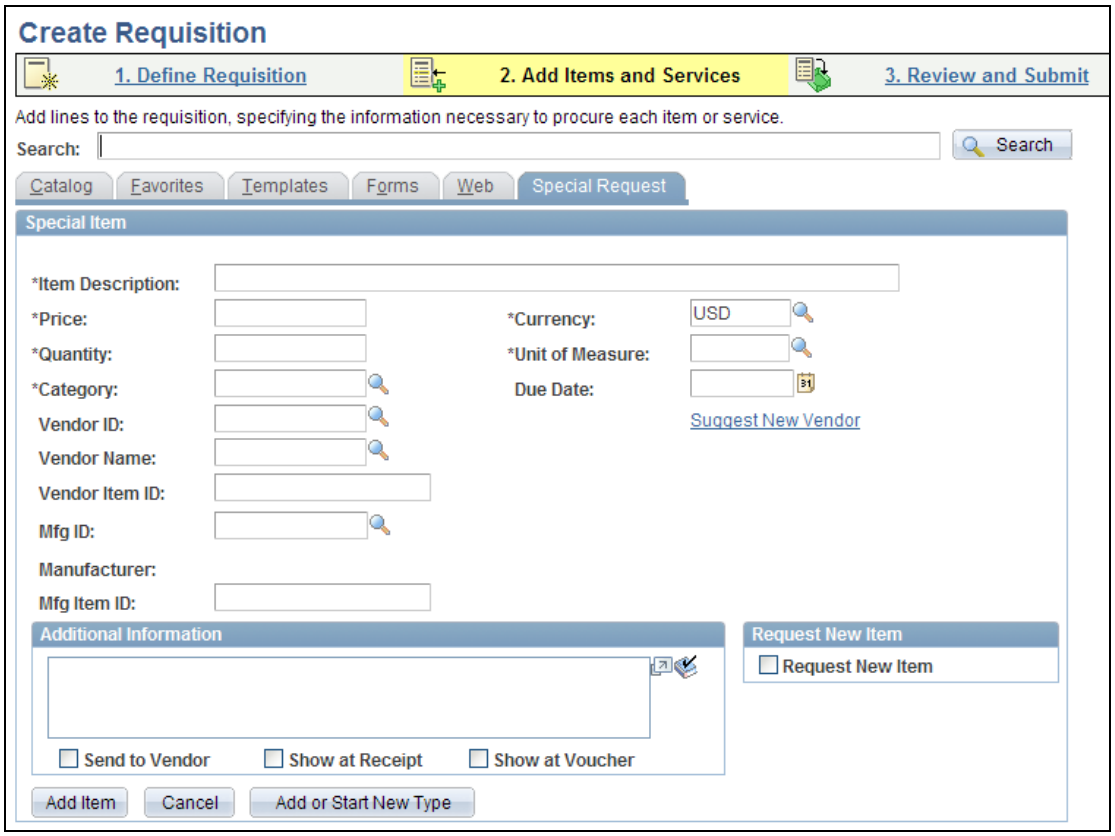

Special Request page

A requisition with a negative price item will be sourced to a purchase order and dispatched to a vendor. The item can be received into PeopleSoft eProcurement or PeopleSoft Purchasing.

Negative price items can be added to the favorites list or a personal template to be used again on another requisition. In addition, you can copy a requisition with one or more negative price items using the copy action on the Manage Requisition page.

Oracle Supplier Network and Exchange

For PeopleSoft Procurement Release 9.1, we plan to ***leverage the Oracle Supplier Network (OSN), exchange.oracle.com (Exchange), PeopleSoft eSupplier Connection, and PeopleSoft eSettlements*** to provide an integrated supplier network solution. Combining OSN and Exchange with eSupplier Connection and eSettlements will further streamline processing, reduce errors and shorten processing time. Suppliers will be able to view message errors, and monitor their transactions and activities.

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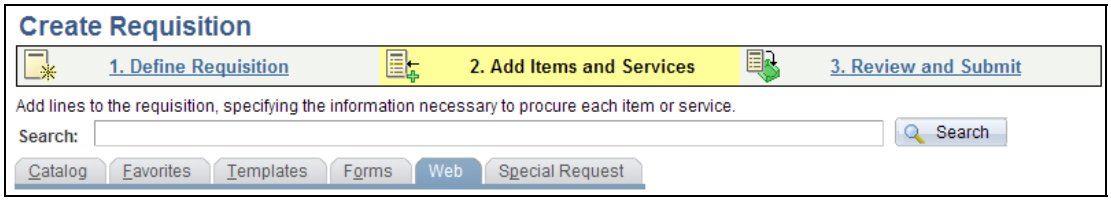
OSN is a hosted service offering from Oracle that functions as a hub between the supplier and the procurement system. It handles transactions such as purchase orders, change orders, advance shipping notices (ASNs), and invoices between the two. It lowers costs by integrating suppliers into procure-to-pay processes, enables machine-to-machine messaging in hours with minimal IT involvement, and extends internal efficiencies driven by your existing Oracle PeopleSoft applications. Customers register for OSN and receive free hosting. Hundreds of suppliers currently transact using OSN. The OSN solution is supported by Oracle OnDemand, and it offers customers 24/7 support. OSN provides suppliers an easy way to transact with Oracle customers, a single connection point with all Oracle customers, and a single message format and mapping template. Buyers benefit from standardized supplier integration. OSN is particularly useful for an organization's high volume indirect goods and services. Along with the OSN, PeopleSoft customers can use Exchange for hosted content. PeopleSoft customers can use OSN and Exchange in conjunction eSupplier Connection and eSettlements for quick access to a buyer's site.

PeopleSoft customers will obtain many benefits from having an integrated supplier network. Without a supplier network, customers need to maintain one-to-one integrations with their suppliers. OSN uses one format for all integrations. The Supplier Enablement Offerings provides distributed search across catalogs, or to individual hosted supplier sites. Any supplier can become part of the OSN. PeopleSoft customers can invite suppliers to register and, for PeopleSoft customers and OSN suppliers, the process is easy and registration is free.

New Functionality

You can add items from Exchange.oracle.com to an eProcurement requisition using the PunchOut feature.



PunchOut using the Web page of the Create Requisition component

Direct connect enables PeopleSoft eProcurement requisition users to interact directly with a supplier's website. Exchange.oracle.com is a website containing supplier-hosted item catalogs. Using punchout, PeopleSoft users can go from an eProcurement requisition to Exchange.oracle.com where they can search the item catalogs of one or multiple suppliers and then select items to be placed on their requisition. The requisition is eventually converted to a purchase order, which can be dispatched to the Oracle Supplier Network.

Purchase orders and change orders can be sent to OSN suppliers using the dispatch process in PeopleSoft eProcurement or PeopleSoft Purchasing.

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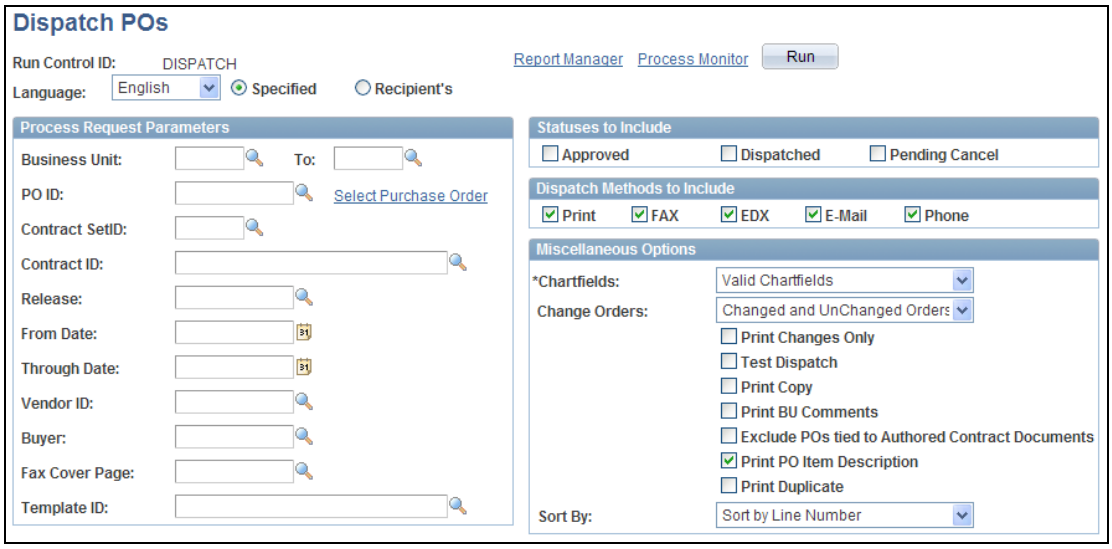

Dispatch POs process in PeopleSoft eProcurement

Purchase orders and change orders will be sent to OSN suppliers using the following steps:

- The purchase orders are created and approved in either PeopleSoft eProcurement or PeopleSoft Purchasing. Attachments can be included with the purchase orders at either the header level or line level.
- The purchase orders are dispatched to an OSN supplier using the electronic data exchange (EDX) method in either PeopleSoft eProcurement or PeopleSoft Purchasing.
- The dispatch process places the purchase orders in the PeopleSoft outbound staging tables.
- The PeopleSoft Integration Broker picks up the purchase order data in the outbound staging tables and uses the service operation PV_ORDER to create the message.
- The OSN receives the purchase order and passes it to the OSN supplier.

Purchase order acknowledgements (POAs) can be sent from OSN suppliers to PeopleSoft.

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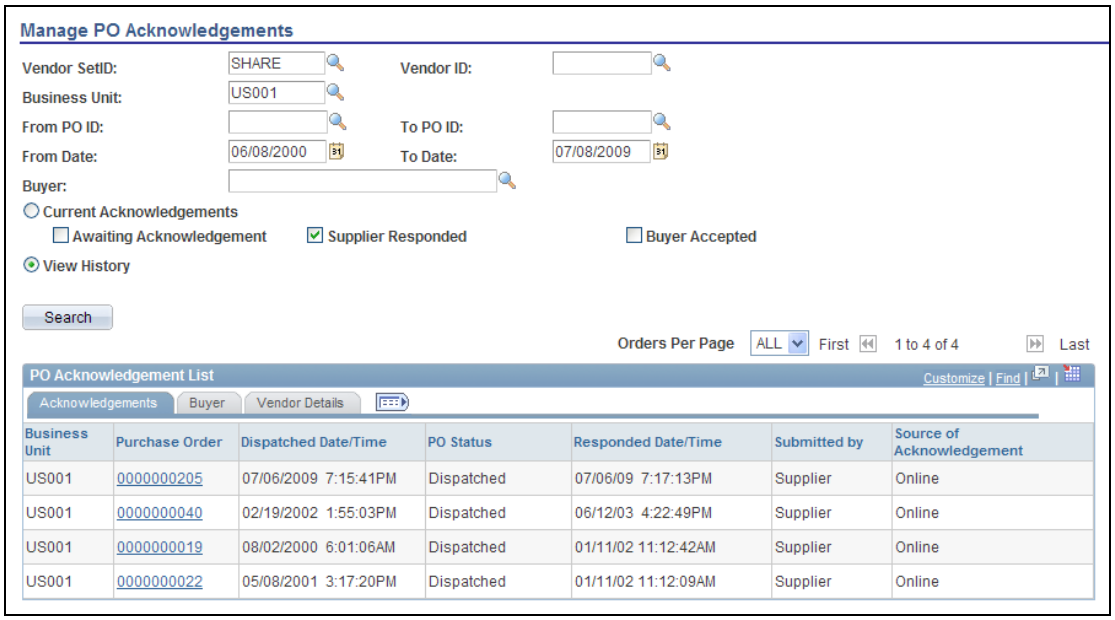
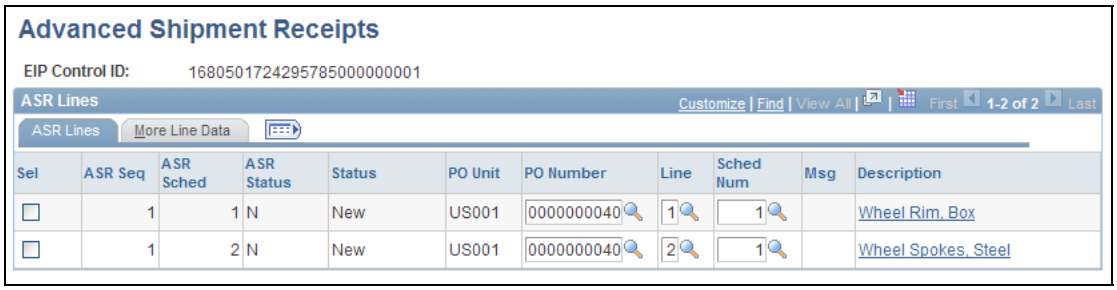


Manage PO Acknowledgements page in PeopleSoft Purchasing

Purchase order acknowledgements (POAs) will be sent from OSN suppliers to PeopleSoft using the following steps:

- The Oracle Supplier Network transmits the POAs from the OSN supplier.
- PeopleSoft Integration Broker receives the data using the PURCHASE_ORDER_ACKNOWLEDGEMENT service operation and places the data in the POA tables in PeopleSoft.
- POAs can be reviewed on the Manage PO Acknowledgements page in PeopleSoft.

Advanced shipping notifications (ASNs) can be sent from OSN suppliers to PeopleSoft.



Advanced Shipment Receipts page in PeopleSoft Purchasing

Advanced shipping notifications (ASNs) will be sent from OSN suppliers to PeopleSoft where they are received as advanced shipping receipts (ASRs). The following steps are used:

- The Oracle Supplier Network transmits the advanced shipping notifications from the OSN supplier.

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- PeopleSoft Integration Broker receives the data using the ADVANCED_SHIPPING_RECEIPT service operation and places the data in the Receipt Load tables in PeopleSoft.
- The Receipt Loader process is then executed to create a receipt, which may then be approved by an administrator.
- ASRs can be reviewed on the Advanced Shipment Receipts page in PeopleSoft.

Invoices will be transmitted from OSN suppliers to PeopleSoft where they are received as vouchers in PeopleSoft Payables. The following steps are used:

- The Oracle Supplier Network transmits the invoice from the OSN supplier.
- PeopleSoft Integration Broker receives the data using the EM_VOUCHER_IN service operation and places the data in the voucher staging tables in PeopleSoft.
- The Voucher Inquiry page can be used to review vouchers.

Comments and Attachments

eProcurement requisitions need to capture more than simply the requested items. Sometimes, requesters add specific instructions, include attachments, or include item specifications or Ship-To comments. In eProcurement Release 9.1, we plan to provide the ability to capture and share comments and attachments on a requisition, purchase order, receipt, supplier, and voucher. Enhancements to ***eProcurement Comments and Attachments*** are planned in the following areas:

- Capture and maintain multiple comments and attachments for eProcurement requisition headers and lines, and provide the ability to delete these comments.
- Capture and maintain multiple Ship-To comments for eProcurement requisitions.
- Access Standard Comments for quick copy or reference to a comments repository.
- Provide item specifications from item master tables by default to a requisition.
- Enter multiple comments for the eProcurement receipt header and receipt line
- Access comments and attachments on the Manage Requisitions page.

New Functionality

On the Review and Submit page of the Create Requisition component, you can create a header comment or access pages to add multiple header, line, and ship to comments.

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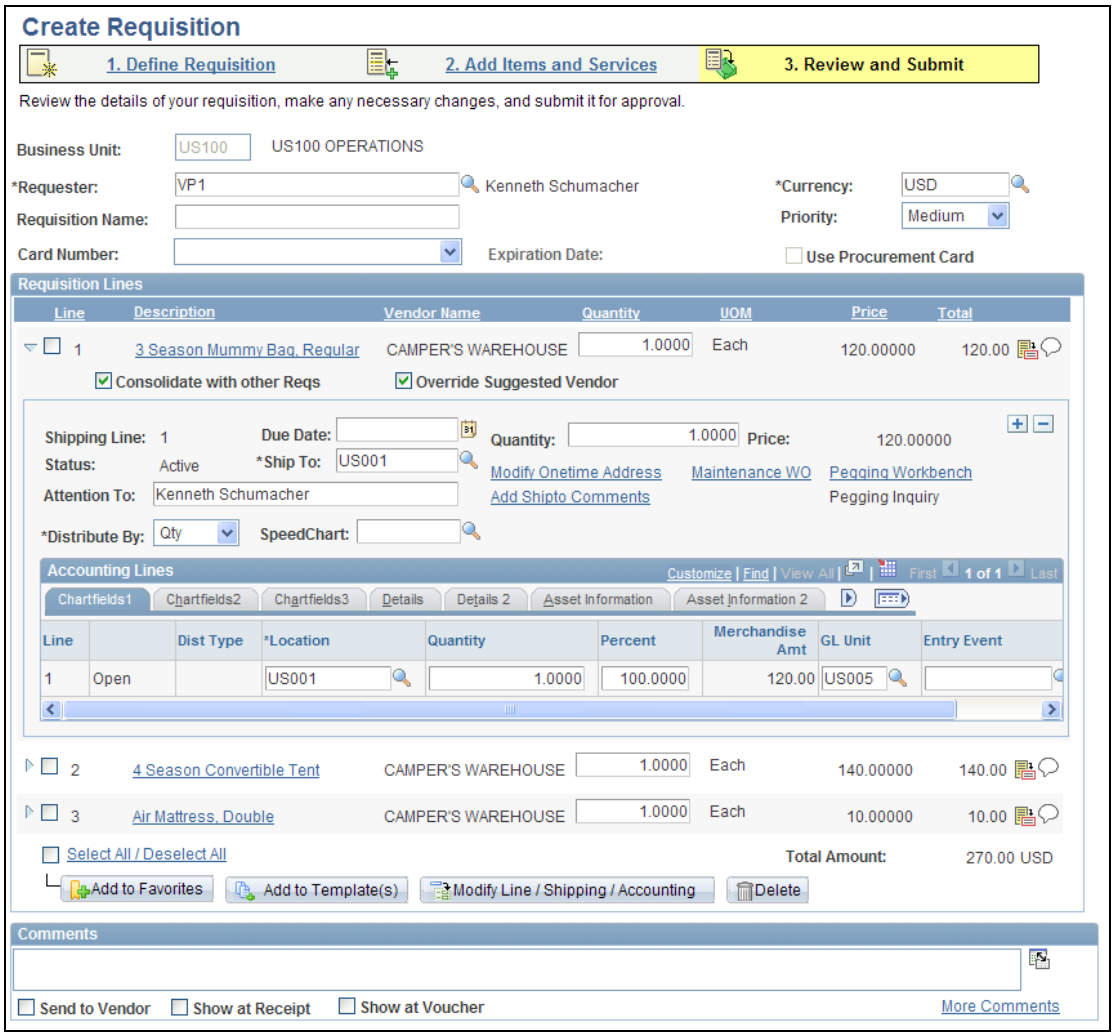

Review and Submit page

In the Requisition Lines group box, use the Comment icon to access the Line Comments page, where you can record a comment or attach a file to this requisition line.

In the Requisition Lines group box, you can expand the line and then click the Add Shipto Comments link to access the Requisition Ship To Comments page where you can enter comments and attachments for the Ship To level of this requisition.

In the Comments group box, add one header comment or use the More Comments link to access the Header Comments page where you can add multiple header-level comments and attachments.

The Header Comments page, the Line Comments page, and Requisition Ship To Comments will have the same format.

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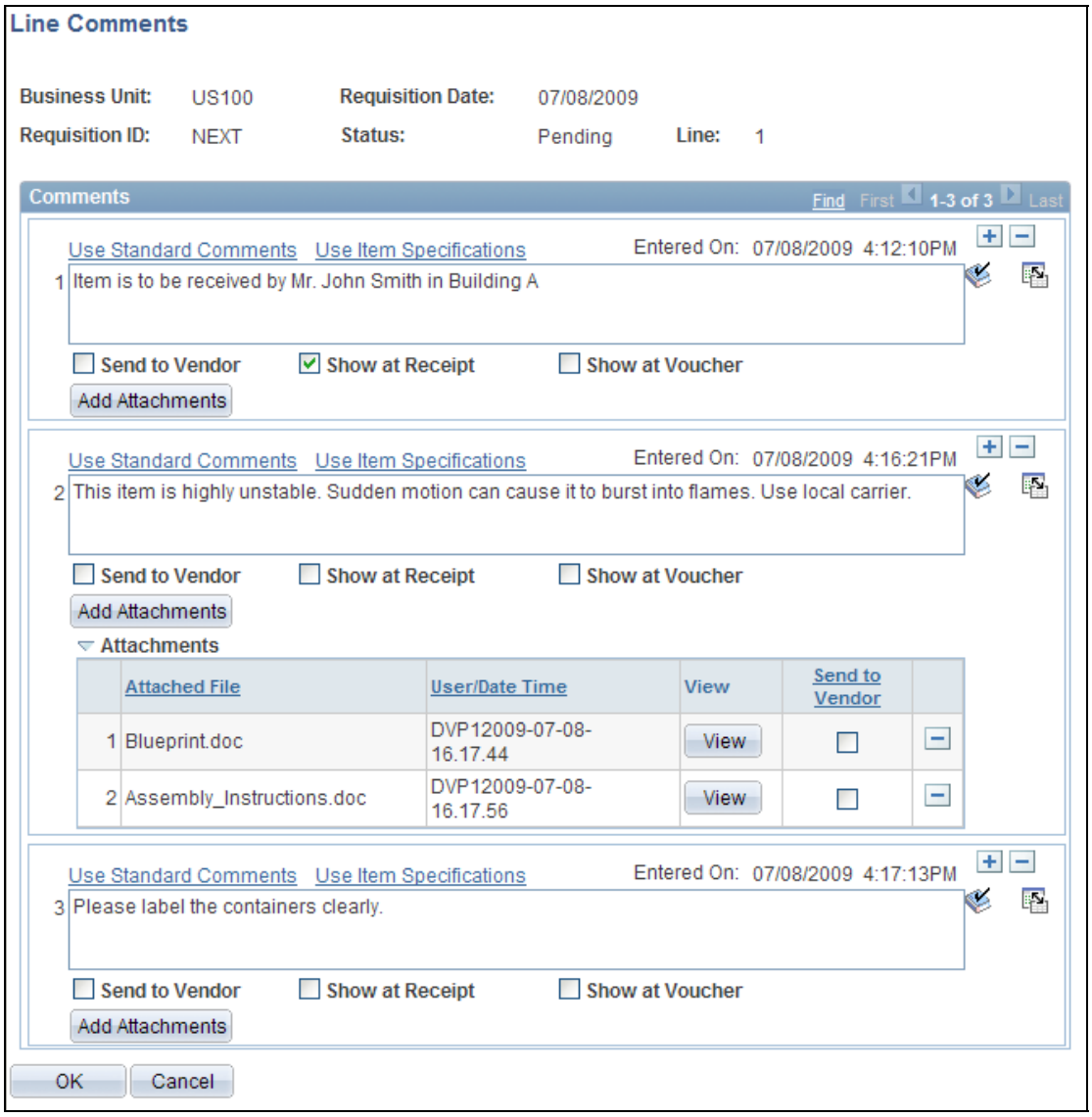

Line Comments page

The Use Standard Comments link will access the Standard Comments page where you can select a standard comment to be applied as a comment to this requisition.

On the Line Comments page only, click the Use Item Specifications link to access the Include Item Specifications page where you can select to include the item's specifications as a line comment.

Use the Add a New Row icon (plus sign) to add a new comment field. Comments are numbered as you add them.

Click the Add Attachments button to access the File Attachments window where you can browse and select a file to be attached to this comment.

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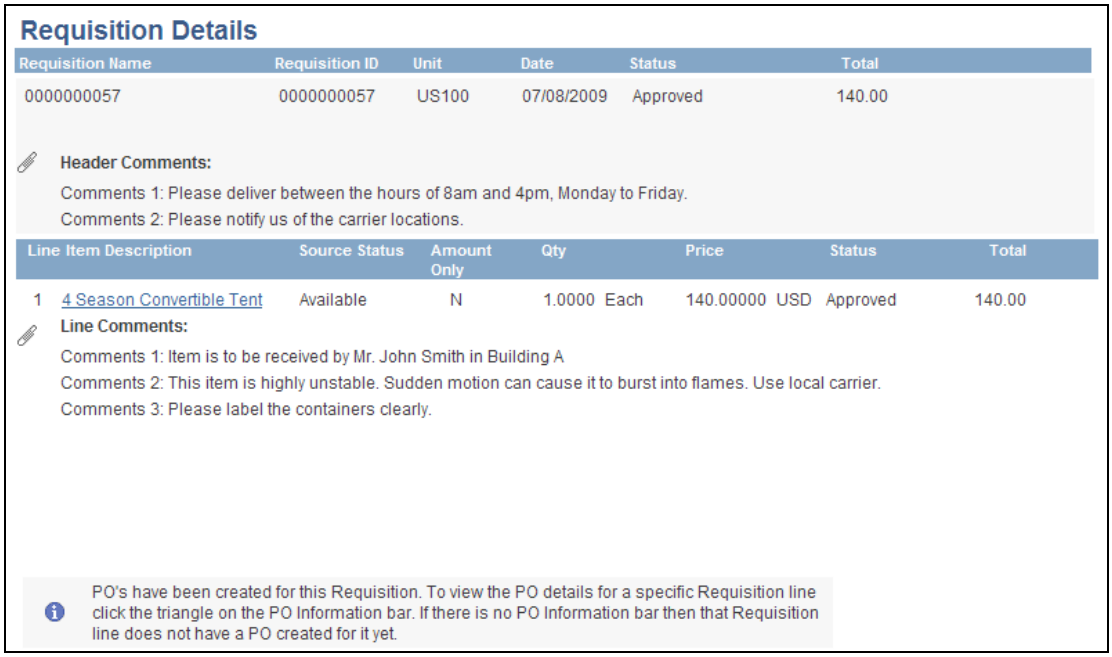
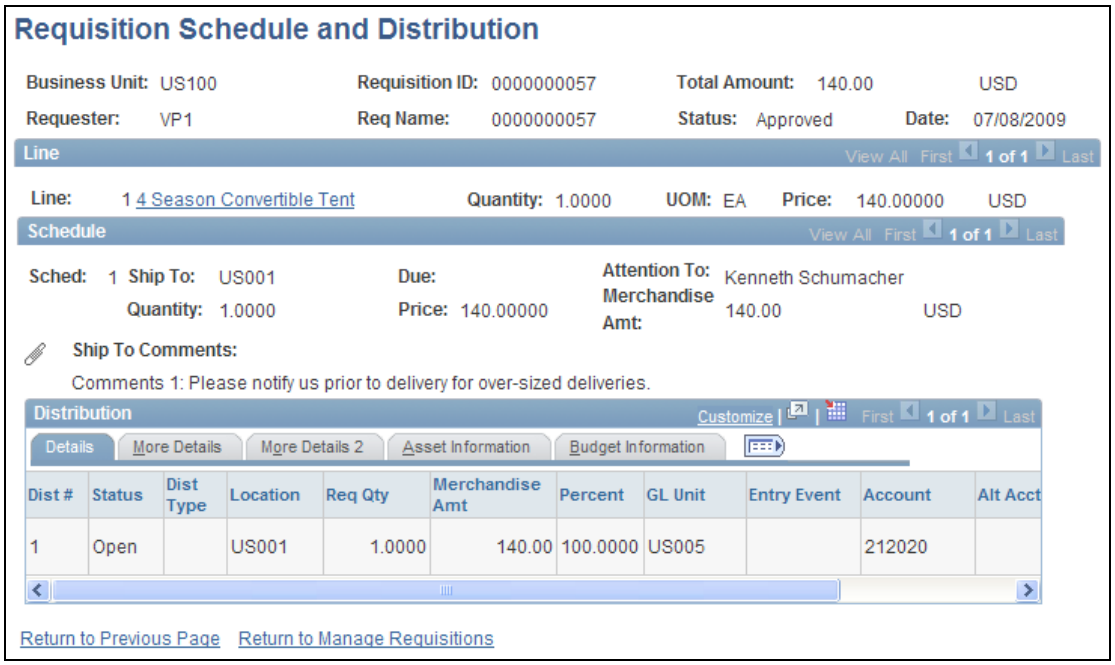
In the Manage Requisitions component, the Requisition Details page will display the header comments, line comments and contain a links (paperclip icon) to the Header Attachments page and the Line Attachments page.



Requisition Details page in the Manage Requisitions component

In the Manage Requisitions component, the Requisition Schedule and Distribution page will displays ship to comments and contain a link (paperclip icon) to ShipTo Attachments page where you can view the attachments to this requisition at the Ship To level.



Requisition Schedule and Distribution page in the Manage Requisitions component

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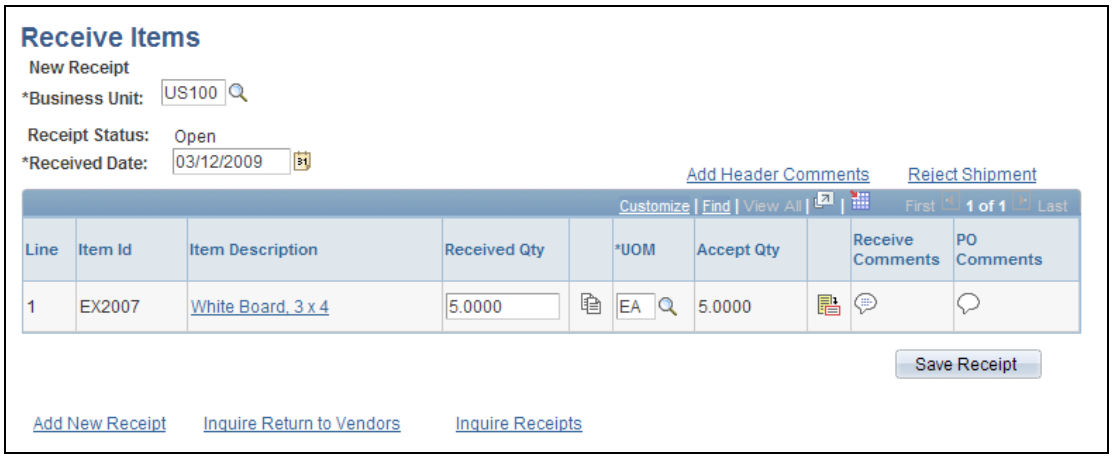
The Receive Items page will allow you to add receipt header comments, receipt line comments, and view comments from the purchase order.



Receive Items page

Manage Requisitions Enhancements

The eProcurement Requisition Lifespan in the Manage Requisitions component is a powerful tool for giving users quick visibility and access to all activities related to their requisition lifecycle, from request through payment. In Release 9.1 we plan to introduce several new ***Requisition Lifespan Enhancements***. The PO Acknowledgment (POA) and Advanced Shipping Notification (ASN) icons will be visible only when they are enabled for the requisition related business unit, and only when the related purchase order has been dispatched. Organizations not using this functionality can hide additional complexity from their users.

If a Purchase Order Acknowledgement is associated with the requisition's purchase order, requesters will be able to click on the POA icon to drill into a view of the PO Acknowledgment Summary page. Likewise, if an Advanced Shipping Notification (ASN) is associated with requisition's purchase order receipt, the new ASN History Summary will display ASN information to the requester via the ASN icon. When a requisition is sourced to Inventory, the MSR icon, when clicked, will give the requester a listing detail of all MSR's associates with requisition, with further drill down into the Stock Request details. Requesters' new views into the details of PO Acknowledgments, Advanced Shipping Notices, and Material Stock Requests will improve user satisfaction and help decrease the number of calls to the buyer.

With Release 9.1, we plan to enhance the ***Manage Requisition Status*** functionality to improve the status description in the Manage Requisitions component so that it better represents the status of the requisition. This feature is especially useful for requisitions with multiple lines at different statuses. Requesters will be able to quickly and accurately assess where their requisition is in the lifecycle without viewing each line.

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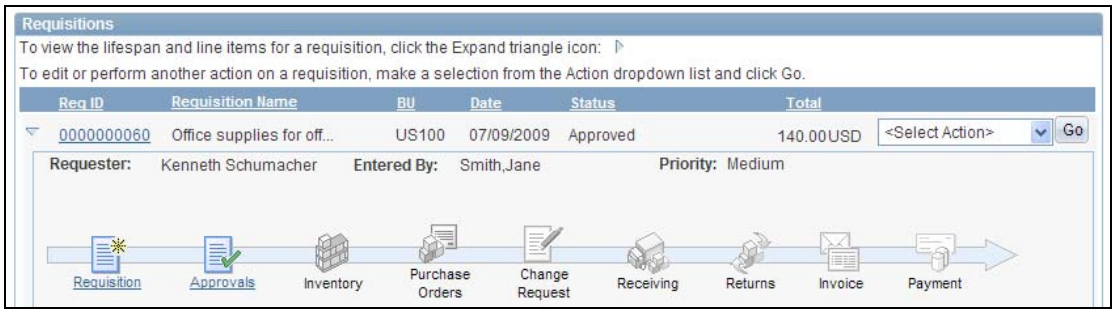
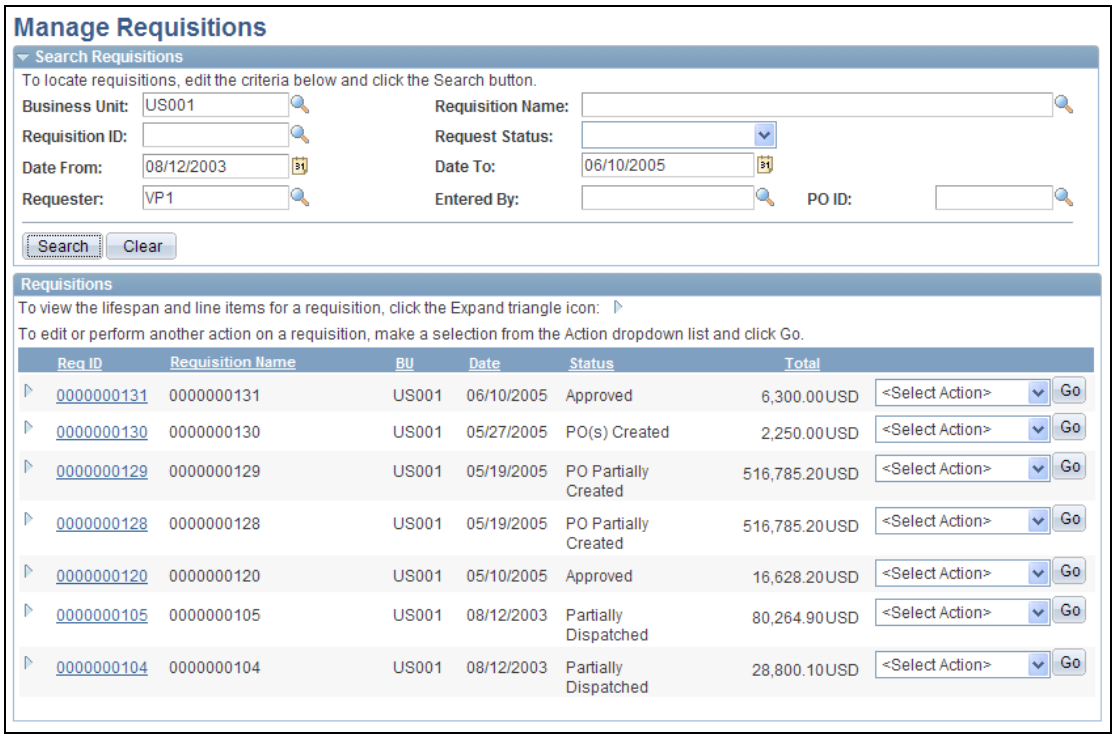
New Functionality



Requisition Lifespan within the Manage Requisitions page



Manage Requisitions page

The Status field for both header and line will include more options to accurately reflect the status of the requisition.

Enhanced eProcurement Default Options

PeopleSoft eProcurement header defaults allow requesters to easily establish default values for their requisition for fields such as Ship-To, Vendor, and Account. Before Release 9.1, the requisition header defaults applied only if no value was found in the default hierarchy.

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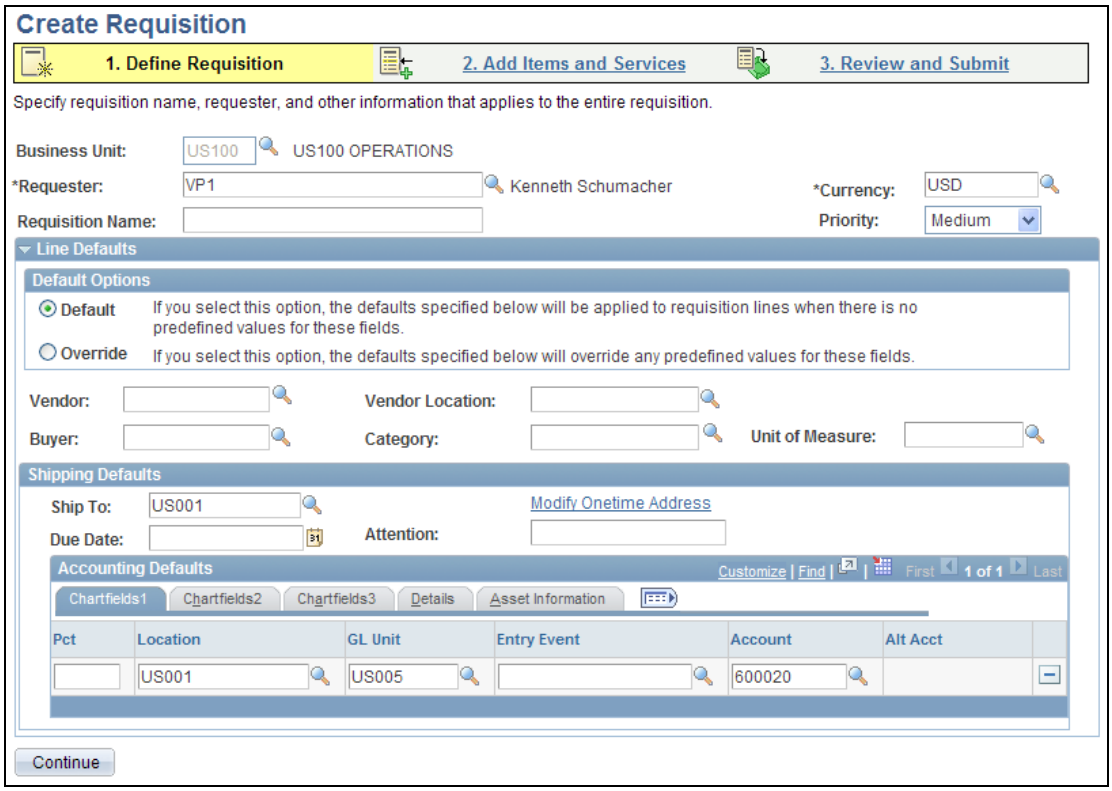
With PeopleSoft eProcurement Release 9.1, we plan to provide requesters with an option to ***Override Default Values*** for all lines in a requisition, after the requisition lines are created. For example, if a requester needs to use a different account on their requisition than the default value from the hierarchy, then a requester can override the account on all distributions of her requisition without drilling into each distribution. This enhancement will save requesters time because they do not have to make changes individually, and will help reduce errors by ensuring that values are applied consistently across the transaction.

New Functionality

The default option will be available on the Define Requisition page.



Create Requisition page

New Default Options will determine how your entries in the Line Defaults group box are applied. The options will be:

- Default: The values that you enter in the Line Defaults group box are applied to the requisition only if there is no default value from the item default hierarchy in PeopleSoft eProcurement and Purchasing. When a value comes from the default hierarchy, it is displayed in this group box and any change to this value is ignored.
- Override: The values that you enter in the Line Defaults group box are applied to the requisition. When a value comes from the item default hierarchy, it is displayed in this group box and any change to this value will override the default value for this requisition.

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The Override option will only be available if your user ID is linked to the ALLOW_DEFAULT_OPTIONS eProcurement role action.

Global Enhancements

To address Missing Trader Intra-Community (MTIC) Fund Fraud, HM Revenue and Customs (HMRC) in the UK is introducing the Reverse Charge VAT procedure for specified categories of goods being traded between businesses. Under this procedure, the purchaser of the goods, rather than the seller, will be liable to account for VAT on the sale. The supplier will not charge VAT but will have to specify on the sales invoice that the reverse charge applies and state the amount of VAT that would have been accounted for. If the purchaser has correctly accounted for the VAT under the reverse charge procedure, then he will retain the right to enter tax recovery subject to normal VAT rules. In eProcurement Release 9.1, we plan to introduce a VAT ***Reverse Charge check box on requisitions*** that will enable the system to recognize those transactions to which the new rules apply.

Attention To and Requisition Name Fields

Buyers and Receiving personnel rely on their respective documents to identify the person requesting goods or service. Before Release 9.1, the ***Attention To*** and ***Requisition Name*** fields were available in PeopleSoft eProcurement product. In Release 9.1, we plan to make this information to be available on the Purchasing Requisition as well. The Attention To and Requisition Name fields will flow through to the PeopleSoft purchase order and receipt, so the receiver is able to easily identify the final recipient for the order.

ChartField Security

With the PeopleSoft Release 9.1 ChartField security enhancement, we plan to provide a flexible mechanism for ***configuring and maintaining data level security***. ChartField security will prevent user access to online transactions containing unauthorized ChartField values; access to accounting data that contain unauthorized ChartField values in the inquiry components; and access to unauthorized ChartField values during data entry.

Check Budget Only Option

For PeopleSoft eProcurement customers who use Commitment Control, users will have the option to check whether a budget exists for their order before they commit amounts to a pre-encumbrance or encumbrance. In Release 9.1, we plan to provide an option on the Budget Processor to ***Check Budget Only***, without reserving funds. This option will be available directly on the eProcurement requisition. The statuses of Provisionally Valid or Error on the eProcurement requisition, Confirmation page, and Manage Requisitions components will indicate whether budget is available. When called to check only, the Budget Processor will perform all of the budget checking and edits that it currently does, but it will do so without committing changes to the LEDGER_KK, or similar records. This option will allow users to validate their documents while their work is in progress without affecting budget balances.

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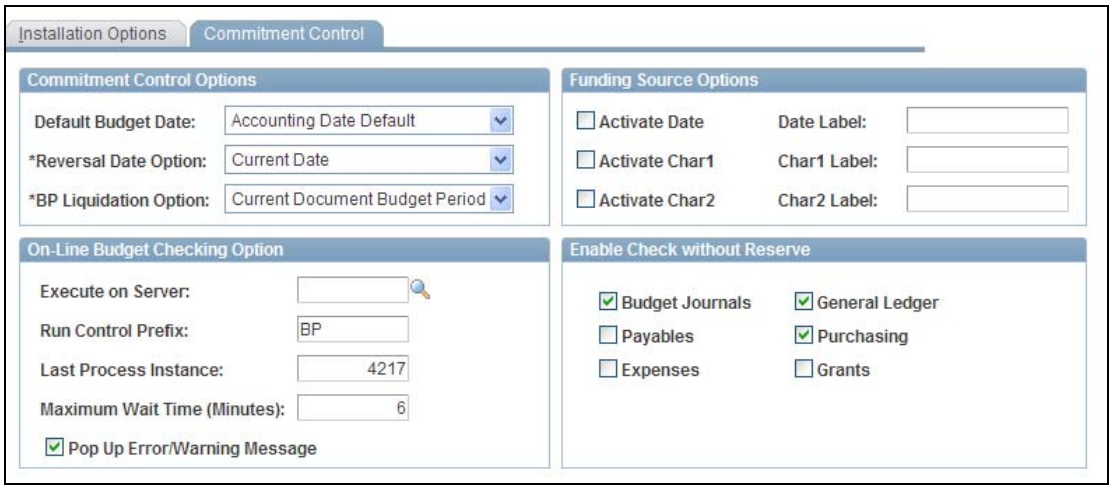
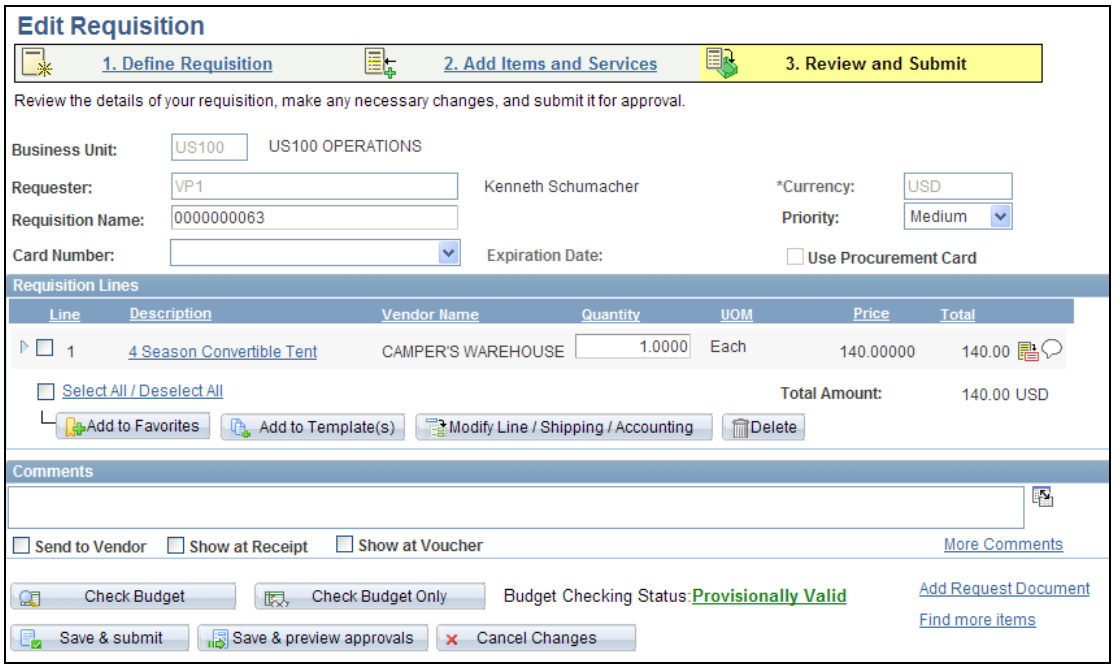
New Functionality



Installation Options- Commitment Control page

To budget check without reserving funds, you will select the Purchasing check box in the new Enable Check without Reserve group box. This check box applies to PeopleSoft eProcurement as well as PeopleSoft Purchasing.



Create Requisition page

The new Check Budget Only button will allow you to budget check without creating a pre-encumbrance or encumbrance.

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Purchasing 9.1

Efficient, cost-effective procurement of raw materials, goods, and services is key to the success of any organization. This fundamental objective is central to the design of PeopleSoft Purchasing. The system streamlines your procurement process by using automated sourcing of requisitions, workflow approvals, exception-based workflow notifications, and electronic commerce.

Purchasing Contracts

In PeopleSoft Purchasing Release 9.1, we plan to enhance procurement contracts by providing improved capabilities for handling large volume contracts, extended default options to better control when contracts will be automatically referenced on transactions, and a flexible framework for audit tracking and version control. The enhancements to procurement contracts will improve transactional performance and ensure contract compliance.

Sometimes contracts are negotiated for many items in the same category. With Release 9.1, we plan to provide ***Contracts by Category*** to enable you to simply enter the category of the line items on the procurement contract. Instead of defining and maintaining each item individually in the contract, the Contracts by Category feature will allow you to specify the category, along with price adjustments and item exceptions, thus saving time and reducing errors. We plan to provide functionality that will automatically search for and reference contracts at the category level on requisitions and purchase orders, which will streamline the process and ensure that the correct contract is used.

The planned ***Change Tracking*** enhancement will provide an audit trail of key contract transactional information that will enable management to clearly identify who made what change and when they made it. Using the Contract Change Tracking template, you will be able to easily configure which fields on the contract you want to track. Organizations may select different change templates for different Procurement Contract process options. For example, the fields that organizations may want to track for Purchase Order contracts may include price changes, but Recurring Vouchers users may be more interested in tracking changes to the merchandise amount and distribution. The Change History will be accessible directly from the contract transaction for visibility of all changes made to a contract, who made the changes, and when the changes were made. A Change Reason can be captured and tracked as well.

Changes to contracts are common, and you may need to track all iterations of a contract during the negotiation and lifecycle of a Contract. For Release 9.1, we plan to provide ***Contract Versioning*** to allow contract administrators to create and maintain multiple versions of a contract in the system. Users can view all historical versions of a contract. Contract Versioning will support forward looking (draft) versions of a contract, allowing organizations to modify draft versions while keeping the current version active and available for system transactions. This feature is useful if a modification does not affect existing contract information, such as when new line items are being negotiated to add to the contract. Procurement Contract Versioning will also improve integration to PeopleSoft Supplier Contract Management.

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We plan to give users the ability to create a draft version of a contract for Supplier Contract Management document refreshing, creation of amendments, collaboration with your supplier, and execution, all while the current version is active and available for system transactions. Organizations will determine when a new version of the contract will be created. For transacting against versioned contracts, the system will refer to the most current active version at the time the transaction is created, thus ensuring that the correct contract pricing and terms are carried into the purchase order. The contract version number on a purchase order may be adjusted to reference the most current version if one is available.

Contract price compliance is a key issue within organizations. Even though contract specific pricing may be established with suppliers, the benefit relies on ensuring that this price is actually used for payment. For Release 9.1, we plan to provide robust ***Contract Defaulting Options*** by introducing several new options to help ensure that the contract and contract pricing is correctly referenced on requisitions and purchase orders. This feature will help ensure that you pay the negotiated price.

The Purchasing PO Sourcing process automatically looks for and references contracts on POs so buyers and requesters do not need to remember to manually reference the contract. In Purchasing Release 9.1, we plan for a new business unit level option ***Default Contract on PO*** to give organizations the option to automatically default a contract on to a manually entered or updated PO Line. Automating this process frees the buyer's time, helps prevent contract leakage, and helps control procurement spend.

Purchasing PO Sourcing will automatically search for contracts to use in purchase orders, eliminating the need for organizations to know the contract at the time of requisitioning. However, some organizations benefit from having the contract default automatically on to the requisition. The new business unit level option ***Default Contract on Req*** gives organizations the option to automatically default a contract on to the requisition line. Requesters can override the default contract if necessary. In Release 9.1, when a contract is referenced on a requisition line, we plan to automatically apply contract pricing and price adjustments. Budget checking can more accurately record pre-encumbrances, and requisitions that may have otherwise been denied are approved using the lower contract price.

Although Procurement Contracts can be automatically referenced in Requisitions and Purchase Orders, some organizations do not want this automation. They want requesters or buyers to control contract usage, such as when a contract is for a specific project. For these organizations, their users know which contract to use and whether to use it. For other organizations, multiple contracts may exist for the same Item Vendor, and no automated means of determining which contract to use may exist. Or a contract may be usable for some transactions but not others. In these organizations, their systems have too many exceptions. For these organizations, we plan to introduce in PeopleSoft Purchasing 9.1 the ***Auto Default option*** on the Procurement Contract transaction to control whether a contract should auto-default into transactions or whether the user must manually select the appropriate contract.

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The 9.1 ***Enhanced Contract Search*** feature for Requisitions and Purchase Orders expands the search criteria and search results, providing visibility into Master Contract information, contract description, expiration dates, and remaining amounts and quantities to help buyers and requesters select the appropriate contract for their transaction. Before Release 9.1, non-item ID Contract line items were available for reference on purchase order lines. In Release 9.1, we plan to expand this functionality to the requisition, giving requesters the option to manually select non-item ID Contract line items for association with their non-item ID Requisition lines, which will relieve the buyer of manually making the association on the purchase order. This feature will save time and prevent contract leakage. This feature will also help expand the usage of Procurement Contracts to services and goods not maintained in the Item Master.

Procurement Contract Transactions frequently contain tens of thousands of line items. The ability to maintain these high-volume contracts can become unwieldy and take a significant amount of time. For Release 9.1, we plan to provide extensive improvements to the Purchasing Procurement Contract transaction component to ***improve performance and make it easier and faster to manage high-volume contracts.***

In PeopleSoft Purchasing Release 9.1, we plan to introduce ***Chunking and High-Performance Search capabilities*** on the Procurement Contract. Organizations can establish a maximum number of lines (chunk size) to load into the component at a time, and they can scroll through to other chunks. If the number of lines on the contract exceeds the Max Scroll Number, then users will be presented with selection criteria to filter the lines they want to view before they load the lines into the buffer. These planned capabilities will improve the efficiency of managing large-volume contracts.

Managing price adjustments will become easier with the ***Price Adjustment*** Template we plan to provide in Release 9.1. By defining a price adjustment in a template, you will be able to apply the defined template adjustment to all open items, line items, or category item in your contract.

The Contract Process option of the Contract Transaction helps drive how the contract will be used. This feature has been available since Release 8.4. In Release 9.1, we plan to provide users with a ***default Contract Process Option*** to help ensure that they are using the correct option, thereby reducing errors. In addition, we plan to allow you to specify whether to initially display sections collapsed or in open format in the contract.

Security is always important especially when the need for SARBOX compliance is foremost in everyone's mind. With Release 9.1, we plan to have the Contract Release pages reside in a ***separate component from the contract transaction***. Security for buyers who manage the manual creation of contract releases but do not have authority to manage contract transactions will be easier to maintain.

Contract administrators need to be aware of approaching contract expiration dates and when the contract is approaching the maximum amount allowed against it. These capabilities exist in previous releases; however, it is also beneficial for contract administrators to be aware of the date by which a contract should be approved or renewed. PeopleSoft Purchasing Release 9.1 has several planned ***Date and Threshold Enhancements*** in these areas:

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- Enable users to specify a date by which the contract should be approved. This notification will remind contract administrators who may be in the process of negotiating with the supplier and finalizing the contract and contract document of the approaching date by which the contract should take effect.
- Enable organizations to specify a date for contract renewal, and be proactively notified beforehand to remind the contract administrator to review and renew the contract before it expires, preventing contract savings from being missed. This feature works well with the new contract transaction versioning capability, as renewed contracts can optionally be setup as a new version of the contract in the system.
- Support for contract expiration notification for recurring vouchers.
- All date and threshold notifications are planned to be configurable so they can be sent using email or worklist to one or multiple users.

Before Release 9.1, PeopleSoft Purchasing provided an audit trail for changed purchase orders and requisitions. Starting in Release 9.1, ***change tracking is also planned for Procurement Contract Transactions***. With this release, we plan to provide organizations with the option to capture a ***change reason*** from the person initiating the change for each set of changes made to a purchase order, requisition, or procurement contract. Change reason codes will be user defined and may optionally include free form comments by the user. Change reasons can be set to be Required, Optional, or Not Used within the organization. Capturing a change reason will enable users and managers to quickly identify, in the change history inquiries, why a particular change was made and to enable further analysis about the change, such as the frequency of price changes by a supplier or which buyers have the most changes.

New Functionality

This section describes the new PeopleSoft Purchasing 9.1 functions that support Release 9.1 enhancements.

Contracts by Category: To support this new 9.1 feature, PeopleSoft Purchasing will link categories to contracts. Category type contracts enable you to create a contract based on a category of items. Category contracts are typically used to set up a percentage off list price that applies to any item within the category. Item categories can provide transaction information for requisitions and requests for quotes, contracts, and purchase orders and can serve as the organizational unit for item catalogs. With categories tied to contracts, requisitions and purchase orders can reference the contract with any items within those categories.

The system will automatically search for and reference contracts at the category level on requisitions and purchase orders. This will streamline the contract reference process and ensure that the correct contract is used. The next example illustrates the Contract Categories grid for a contract:

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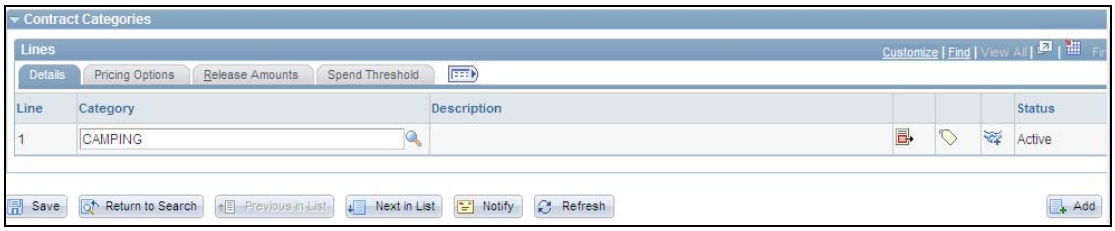
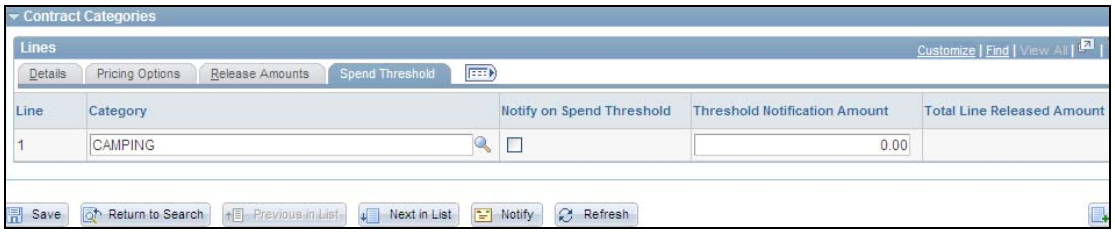


Contract page: Contract Categories grid

For each contract category line, you can make price adjustments, define contract category deliverable agreements at the header and category-line level and define item exclusions by which you remove category items that you don't want included on the contract.

In Release 9.1, you will also have the capability to define pricing settings for a category of items, define the maximum amount that can be released against the contract for a contract category line, and define the spend threshold. You will also be able to notify users when spending on a contract crosses the threshold amount.

After you define a category, select the Notify on Spend Threshold check box to notify the buyer when a contract reaches or exceeds the spend threshold as shown in this example:



Spend Threshold tab in the Contract Categories grid

Change Tracking and Version Control: With this release PeopleSoft Purchasing introduces several new features related to procurement contracts. For release 9.1, the Contract and Vendor Rebate Controls page are updated to include options for use with change tracking and version control. The next example illustrates how the new page will appear:

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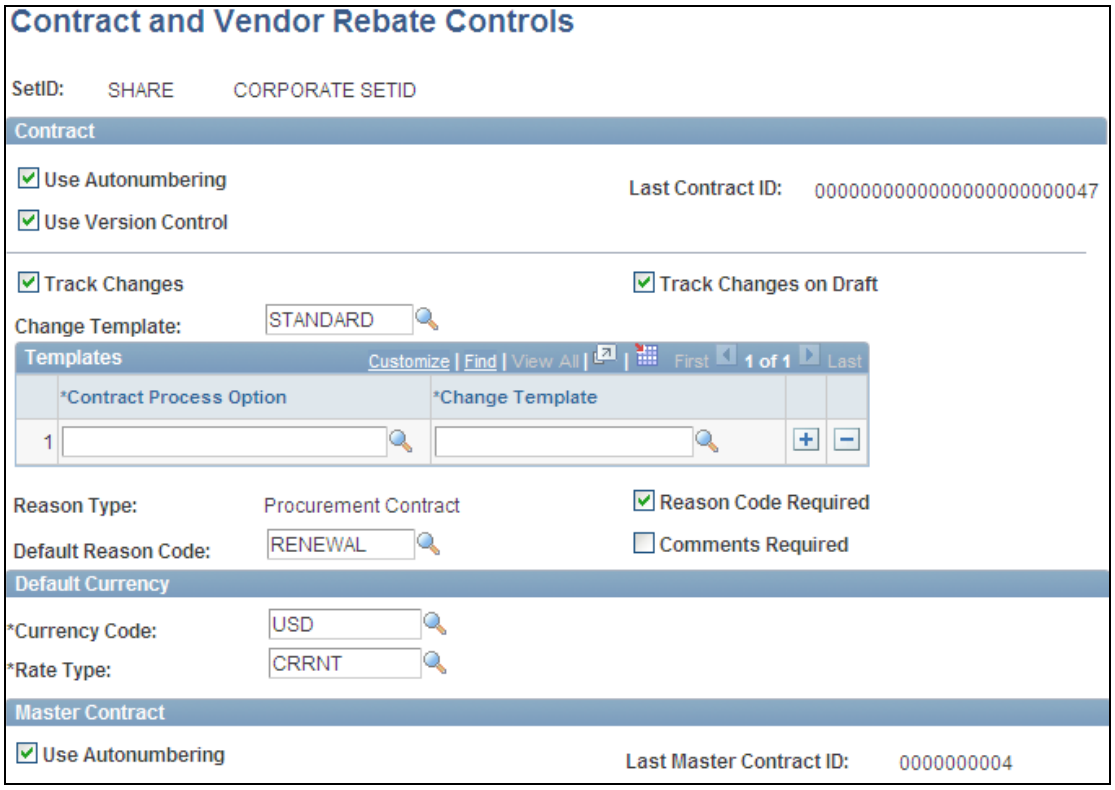

Contract and Vendor Rebate Controls page for defining version control and change tracking

Select the Use Version Control check box to indicate that you want to use contract versions, which allows you to create and maintain multiple versions of a contract in the procurement system. You will select the Track Changes check box to indicate that you want to track contract changes for this setID in the procurement system. Change tracking provides you an audit trail of key contract transactional information so that you can identify who made what change, and when the change was made.

For PeopleSoft Purchasing 9.1, you will be able to select to track changes on a contract version and define a default change template for use when you select to track changes. You will also be able to select a reason code for the system to use as a default value when contracts within this setID are changed. When you make change on the contract, this reason code appears as the reason on the contract Reason Code page. You can override the default reason code when you update a contract.

After establishing the use of version control and change tracking, the system includes fields related to the enhancements on the Contract page. This example shows those fields:

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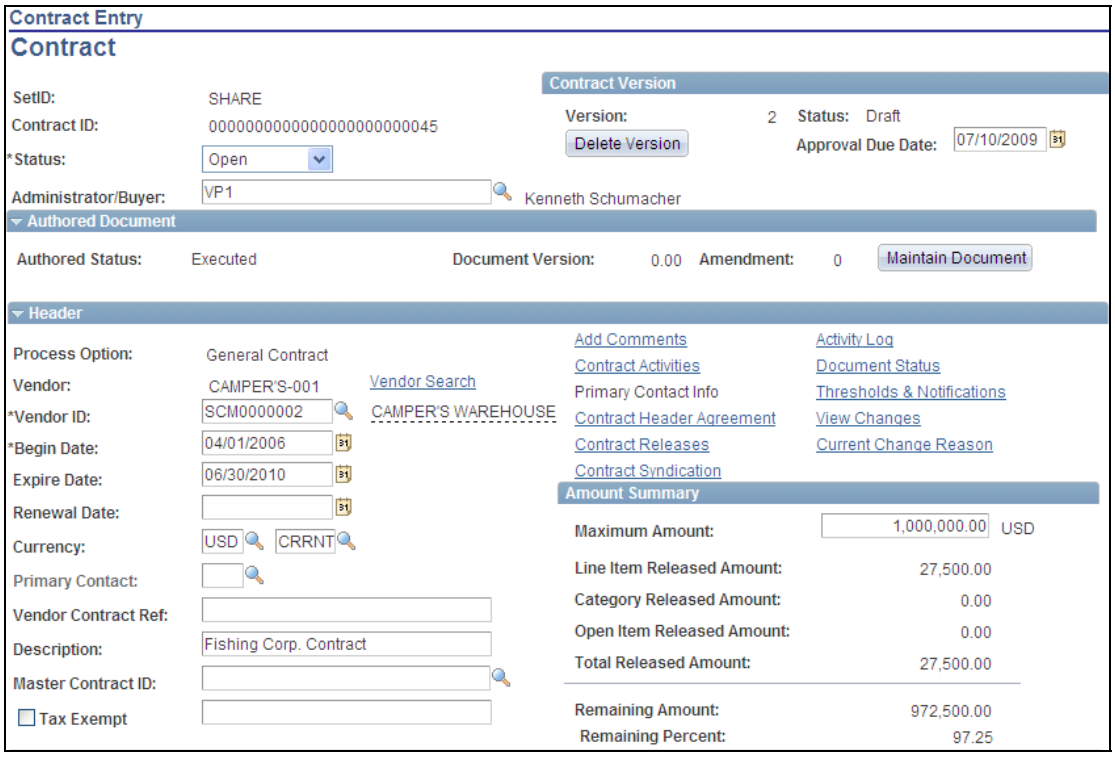

Contract page containing version control and change tracking features

You will use the Contract Version section to manage and review versions of a contract. You can modify a forward-looking version (Draft version) of the contract while keeping the Current version active and available for transactions in the system. You can add and delete versions and define the date on which this contract version should be approved. Contract approval is available when the contract status is Open and the version has never been approved.

The View Changes and Current Change Reasons links that are related to change tracking will be available in PeopleSoft Purchasing 9.1. Click the View Changes link to access the contract history to view changes that have been made to a contract. Click the Current Change Reason to access the Change Reason page, where you can view the most recent reason change code used to update the contract. Reason codes will be available when the system is tracking contract changes.

To support change tracking, Release 9.1 also provides an updated change template. You use the Change Template page to define fields against which you want to track changes. You can define change templates for requisitions, purchase orders, and contracts using the same template component. This example shows how a Contract type template:

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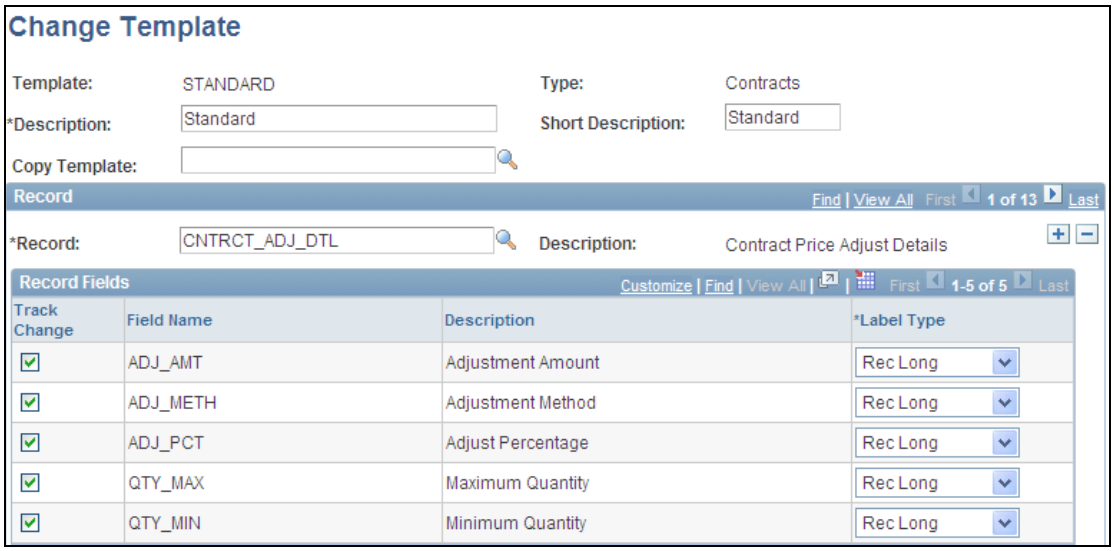

Change Template page

You will use this page to select records and fields within the record to track for each type of template. Depending on the template type that you select, the system makes the appropriated records available for selection.

You will be able to control change tracking for requisitions at the business-unit level by setting the Change Track Changes field for the PeopleSoft Purchasing business unit. You can define when to track changes for requisitions using the Change Track Options field as shown next:

Change Track Options field

Use this page to select a specific status of requisitions that are eligible for change order tracking. You can select to track requisitions after they are approved, sourced, or budget checked. You can also select not to track requisition changes.

To support Release 9.1 change tracking, the system will also provide a Change Tracking History component that will enable you to view tracked changes for modified contracts. This example shows how the page is used to view tracked changes:

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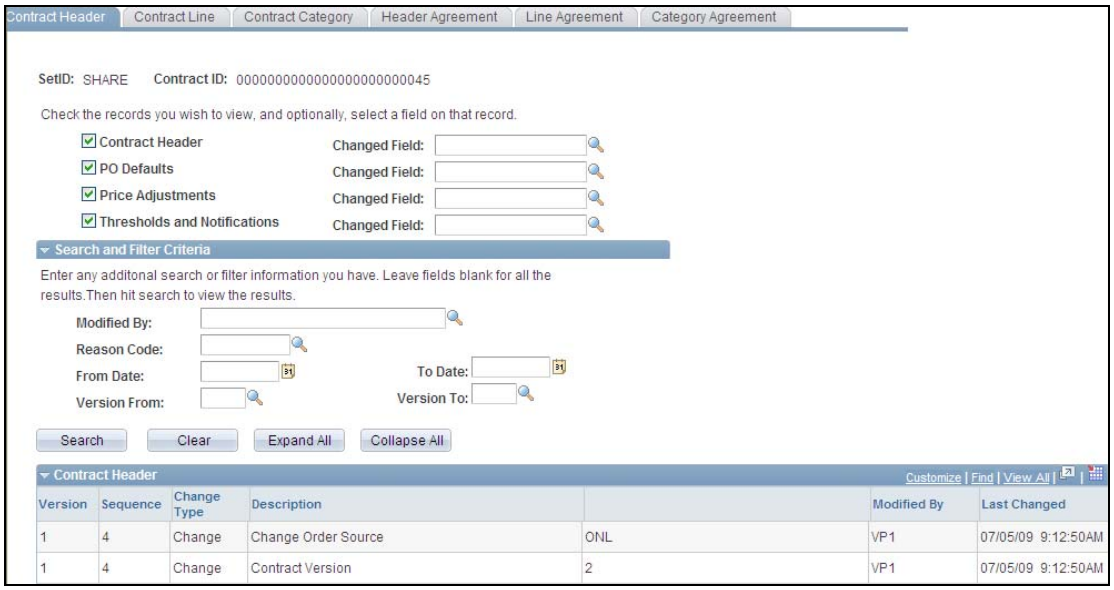
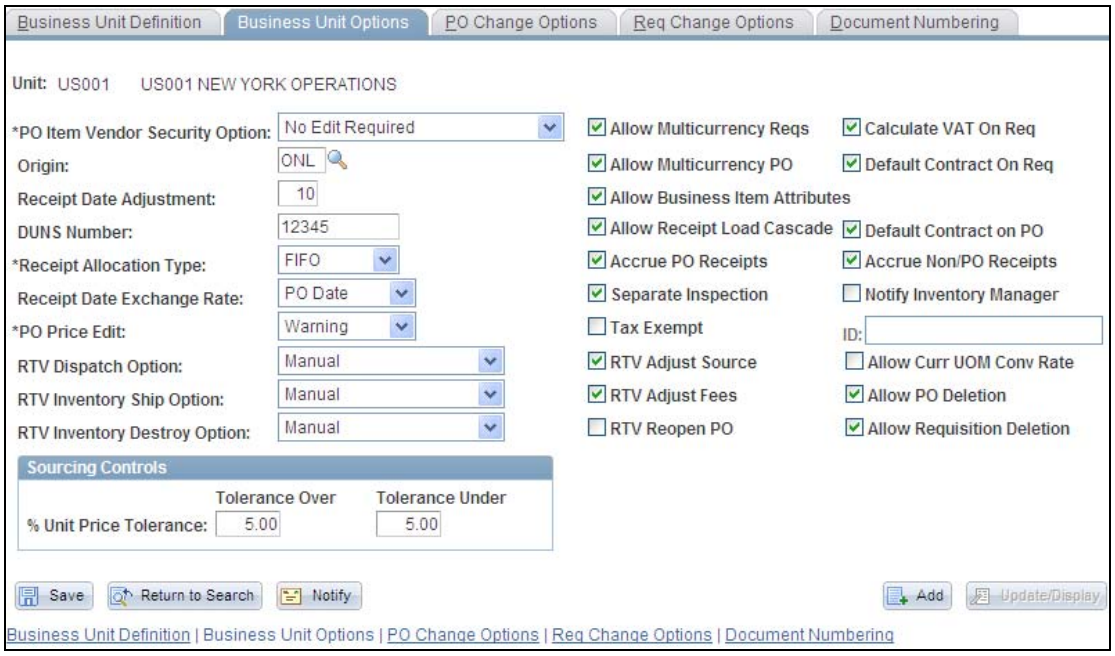


Contract change history enhancement

You use this page to define search criteria that limits the number of contract header history records returned for the search. After searching for changed records, you can select a tab to view history for contracts and contract agreements at the header, line, and category level. Agreement history will be available when you are using PeopleSoft Supplier Contract Management 9.1.

Contract Defaulting Options: For Release 9.1, PeopleSoft Purchasing will provide the capability to default contract values and prices onto requisitions and purchase orders. This capability will begin with the PeopleSoft Purchasing Business Unit Options page shown in the next example:



Purchasing Business Unit Options page

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In PeopleSoft Purchasing 9.1 at the business-unit level, you can select the Default Contract on Req check box to have the system search for and ensure that the correct contract is selected for use with the requisition. When you select this check box, the system verifies that the Auto Default check box is selected on the Contract page. This makes the contract available to automatically default onto requisition and purchase order transactions.

You will also be able to select the Default Contract on PO check box on the Purchasing Business Unit Options page to indicate that the system should automatically search for appropriate contracts for purchase order lines. This automates the process of selecting the most appropriate contract for use with manually created purchase orders, but not those created during batch processing. If multiple contracts exist, the system selects the one with the most recent (but not future) contract begin date.

This example shows the Auto Default check box on the Contract page that enables the automatic defaulting of the contract to requisition and purchase order transactions:

Auto Default check box for procurement contracts

If you deselect the Auto Default check box, the system does not provide default values in this contract to requisitions or purchase orders. When a contract is defaulted to a transaction, the system validates the contract and will update released amounts and quantities, create a contract event, and update the transaction with contract information.

Enhanced Contract Search: To assist buyers and requesters in finding the most appropriate contract for their transactions, PeopleSoft Purchasing 9.1 will provide a Contract Search button for lines on the Requisition and Purchase Order maintenance pages. When you click this button, you will access the Contract Search page as shown in this example:

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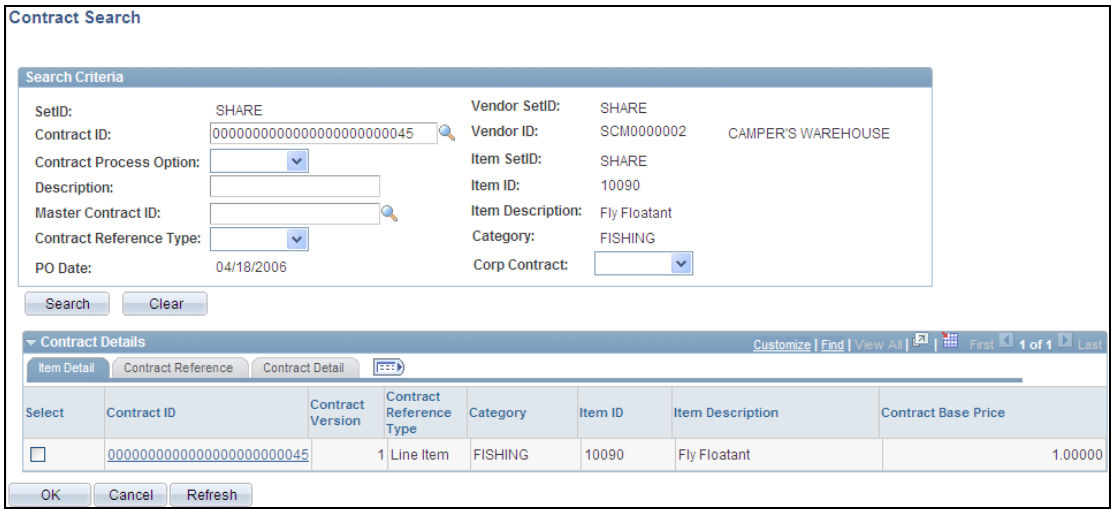
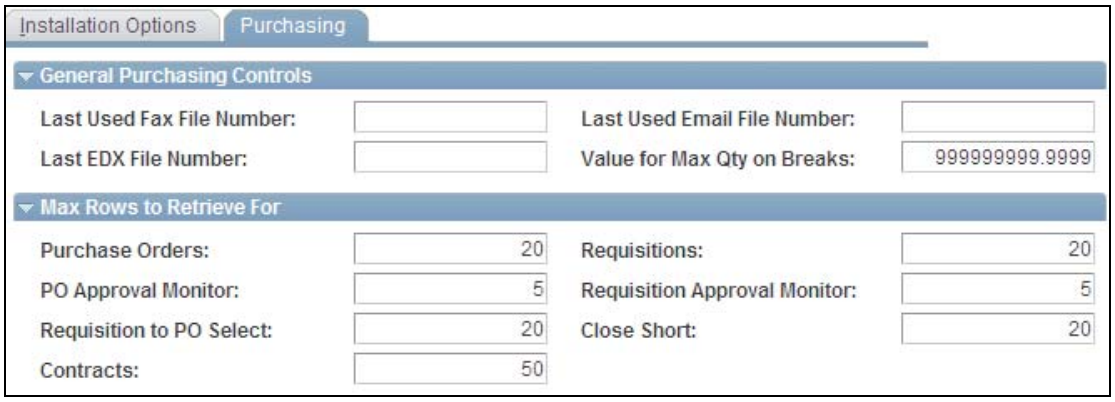


Contract Search page

You will use this page to find a contract and to use its prices to populate requisition and purchase order values. The page for requisitions and purchase orders is similar.

The system will automatically apply the contract price to the requisition or purchase order. You can search for individual contracts by contract ID or limit your search to only those contracts for a specific contract process option. The system will search for active, effective contracts based on the search criteria that you enter. It displays the results with the most recent contract first.

Chunking and High-Performance Search capabilities: Chunking is process whereby the system places a small subset of transaction lines in a buffer. To improve performance, the Installation Option page is updated to include a grid in which you will define the maximum number of lines to return for searches for a number of Purchasing transactions. The next example shows the update:



Installation Options page with the Max Rows to Retrieve For grid

When the system implements the values you enter, the number of lines that appear for a transaction is limited to the numbers that you will enter in this grid. During the search, the system will select that number of rows to display, but will provide a warning message to the user if there are more than that number of rows retrieved in the search. For example, sample data delivered with PeopleSoft Purchasing sets chunking at the maximum rows in contracts to 50.

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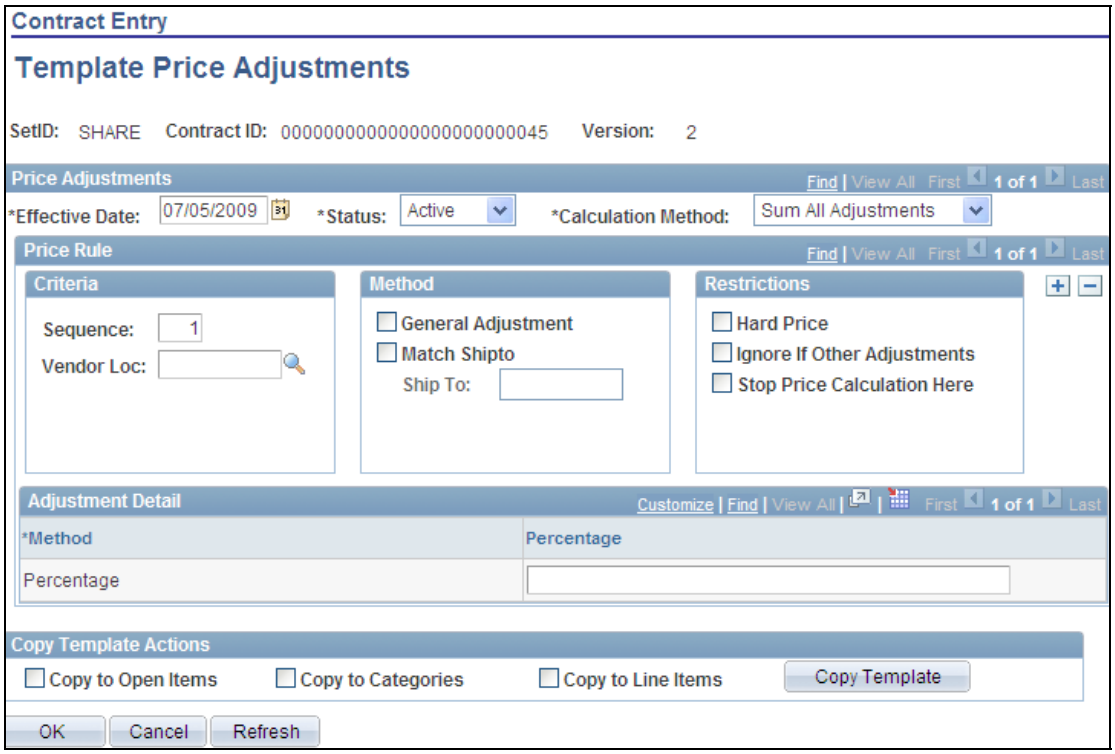
Price Adjustment Template: PeopleSoft Purchasing 9.1 introduces an easier price adjustment tool. You will use the new template to apply template adjustment to all open items, line items, or category item in your contract. This example illustrates the new link on the Contract page:

Order Contract Options grid containing the Price Adjustment Template link

When you click the link, the system will access the Template Price Adjustments page as shown in this example:



Contract Price Template page

You use the page to define a set of standard price adjustment that you can copy to the contract line item, open item, and category levels. Price adjustment templates are available for contracts with Purchase Order, General, and Release-to-Single PO Only processing options. The contract must be in an Open status to make updates to the template and you must be in Correct History mode to make changes.

You will use the Price Adjustments section to define conditions for price adjustments including the effective date and calculation rules. You will use price rules to set pricing criteria and define the adjustment method, restrictions, and details. The system processes these values according to how you define the calculation method.

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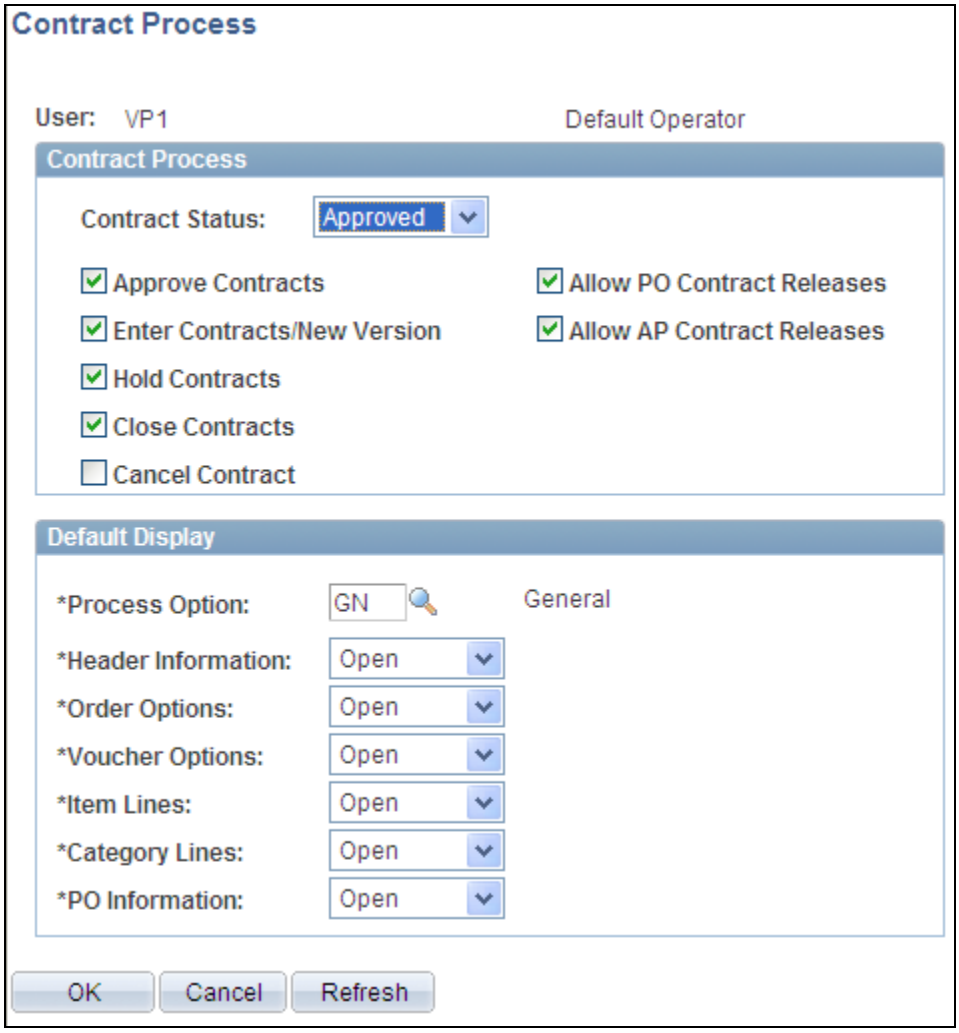
You will use the Copy Template Actions grid to copy the values that you enter for the header price adjustment template to the open item, category, and line levels for this contract. When you click the Copy Template button, the system validates that you can apply the rules and adjustments to the selected open item, categories, and contract line items. You can select any or all of the check boxes.

The system will record changes that are applied using the template in the open item, line item, or category price-adjustment change history.

Default Contract Process and Display Options: To provide users with a more accurate contract process option for Release 9.1, PeopleSoft Purchasing will provide user preferences that enable administrators to specify which contract process option the user should use and whether to initially display sections collapsed or in open format in the contract.

This example show the Contract Process page in User Preferences used to set the default values:



Contract Process page

You will use this page to set the display option for each section on the Contract page, such as the Header Information and Category Lines sections. Valid field values are Open and Collapsed.

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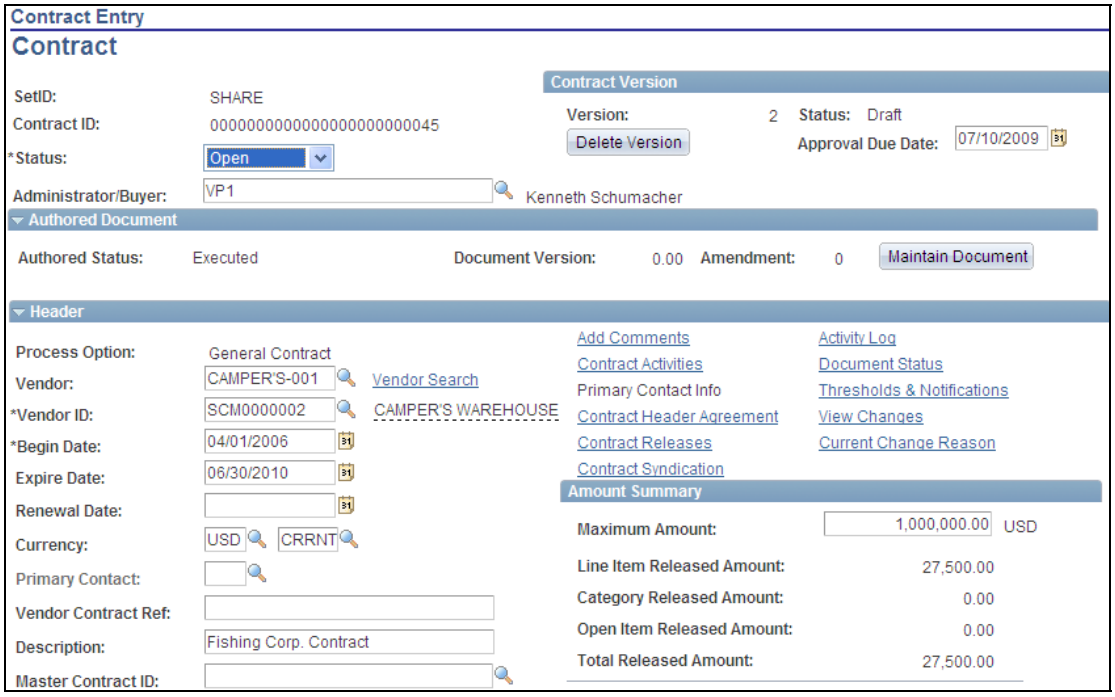
Separate contract releases from the contract transaction: To support this change for Release 9.1, the Contract page will be updated to remove the Create Releases and Review Releases tabs. A new link to release information will be available as shown in this example:



Contract page

When you click the Contract Release link, the system displays a page with the Create Releases and Review Releases tab. You use them to process releases as with previous PeopleSoft Purchasing releases.

Date and Threshold Enhancements: The Thresholds & Notifications page will be updated in PeopleSoft Purchasing 9.1 to include notifications for contract approvals and renewals as shown in this example:

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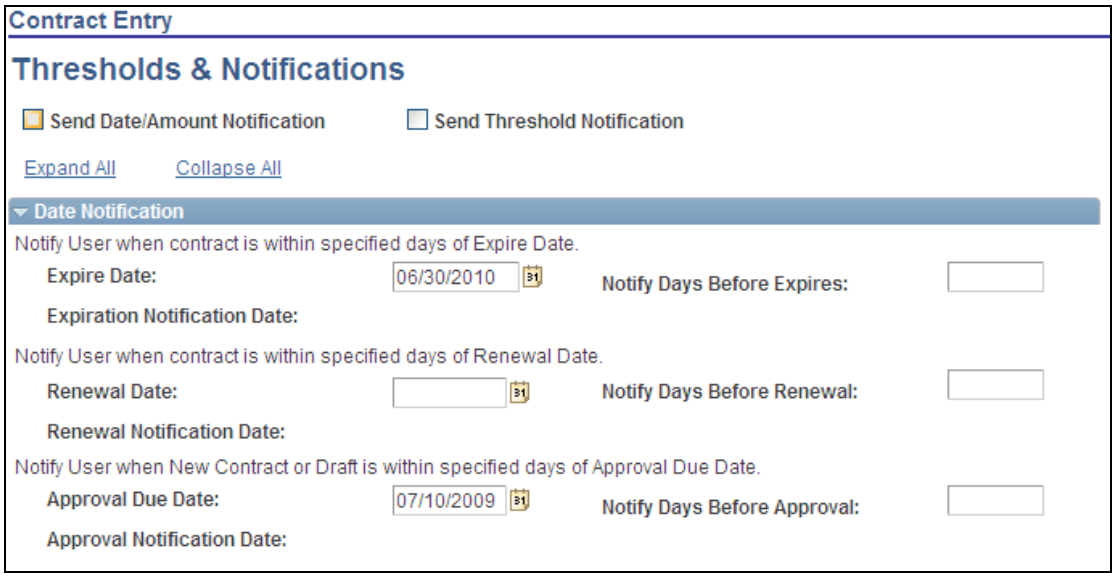

Date Notification section on the Thresholds & Notifications page

The Renewal Date and Approval Date fields will appear as default values from the Contract page. If the contract is in an Open status, enter the renewal or approval dates on this page and the system will update the dates on the Contract page. The Notify Days Before Renewal and Notify Days Before Approval fields to define the number of days that you want the system to notify users before a contract should be renewed or approved.

Based on the values that you define, the system determines and displays the notification dates. When a contract reaches the notification date, the system notifies defined users through workflow or email that the contract needs to be renewed or approved.

Purchase Order as Source Transaction for Supplier Contract Management

While it may be preferable to use the transactional procurement contract component as the source of all transactional contracts, some customers prefer to use the purchase order for the transactional execution of an authored contract document. Using authored contract documents against purchase orders is ideal when you require formal contract negotiations, but are using purchase orders instead of the procurement contract capabilities of the system.

In Purchasing Release 9.1, we plan to introduce integration with PeopleSoft Supplier Contract Management 9.1. Planned enhancements to the purchase orders include:

- The ability to ***author a PO based contract document*** including binding into purchase order information to fill in the blanks for the contract and ensuring the correct content for the authored document. All of the full life-cycle tracking capabilities of an authored document are also available for purchase order documents, such as collaboration, document approvals, and digital signatures.

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- The ability to tie in ***Request for contract capabilities to contracts that are PO based*** similar to the Release 9.0 Request for Contract flow that exists between purchasing requisitions and the procurement contract source transaction flow. This flow enables the capturing of responses from requisition users in a wizard format to be used later for contract document authoring.
- The tie in of additional features such as ***Document Import, PO authored document Copy functionality with PO based authored contract***.
- Supply-side access to purchase orders based on authored contracts.

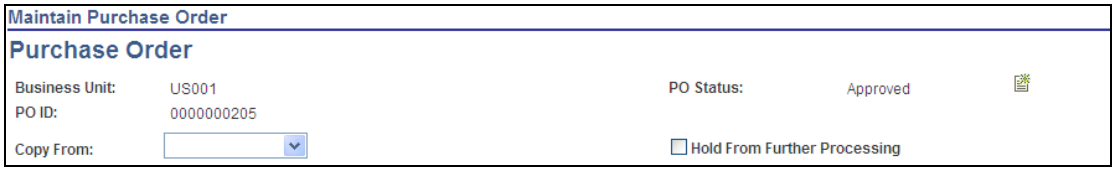
New Functionality

To expand the use of contract documents that are available using PeopleSoft Supplier Contract Management, PeopleSoft Purchasing 9.1, will provide authored document capabilities for purchase orders. Supplier Contract Management works in conjunction with the transactional contract functionality in PeopleSoft Purchasing, buy-side events in PeopleSoft Strategic Sourcing, and requisition request-related documents in PeopleSoft eProcurement to assist an organization in obtaining goods and services at reduced contract prices. The system accomplishes this by linking Microsoft Word-based authored contracts to these source transactional elements. You can author contract documents using the purchase order transaction as the source to link and bind information into authored contracts.

The purchase order authored document update works in conjunction with Supplier Contract Management 9.1 updates that include a new installation option that enables transactional sources. This example shows the two source transactions that will be available:

PeopleSoft Supplier Contract Management Installation Option page

Select the Purchase Order check box to make the Create Document button available on the Purchase Order page. The button appears in the upper right corner of the next example:



Purchase Order page with the Create Document button

To create a contract document based on purchase order transactional information, you will click the Create Document button. The system will navigate to the PeopleSoft Supplier Contract 9.1 Create Document page where you can define authored document attributes for the contract, as shown in this example:

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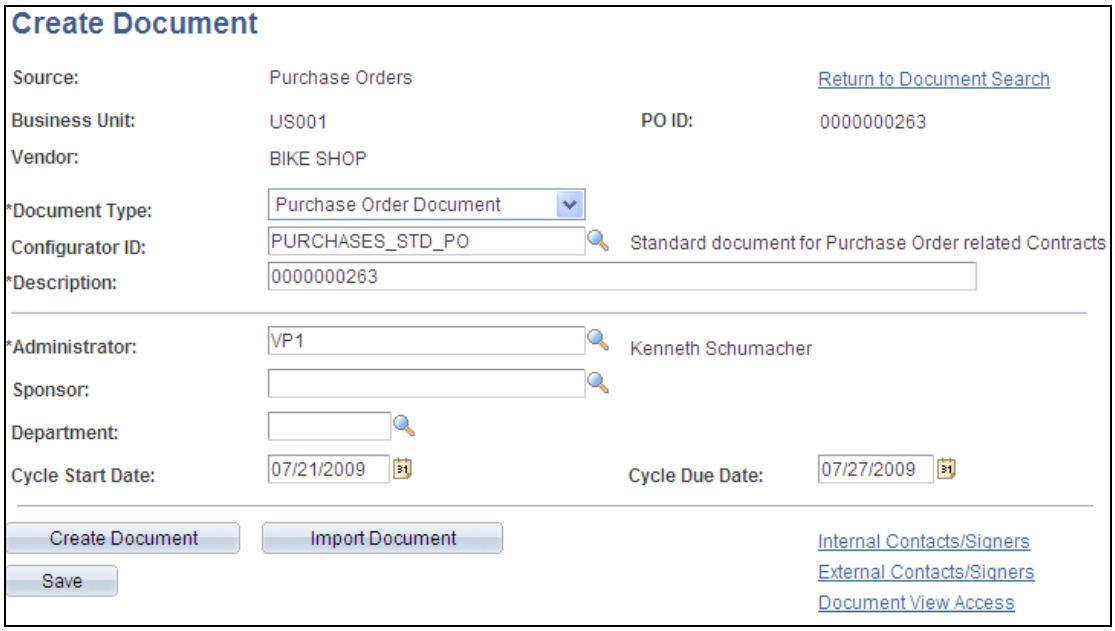
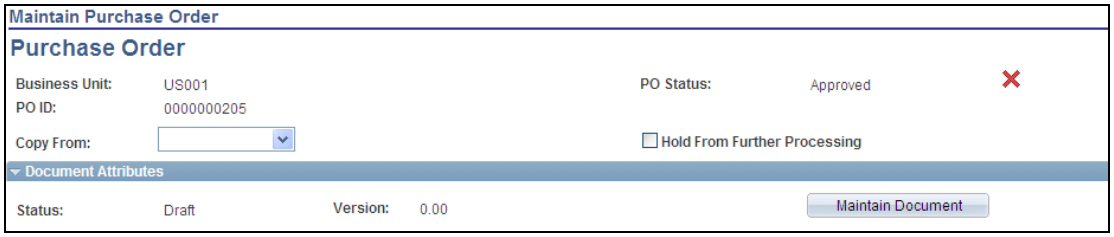


Create Document page for use with purchase orders

The purchase order information appears as a default value for the document creation. Depending on the system configuration, you will be able to invoke a wizard to navigate you through a series of questions that will capture information pertinent to completing authored document content and filling in data values.

After creating the document, the PeopleSoft Purchasing system will provide the Document Attributes section on the Purchase Order page, as shown in this example:



Purchase Order page with the Maintain Document button

You click the Maintain Document button to access and maintain the document and its attributes on PeopleSoft Supplier Contract Management 9.1 pages.

After creating the purchase order document, you can access the document to perform a variety of collaboration, approval, and signature tasks and review and update attributes associated with the document. This example shows how a purchase order document header will appear:

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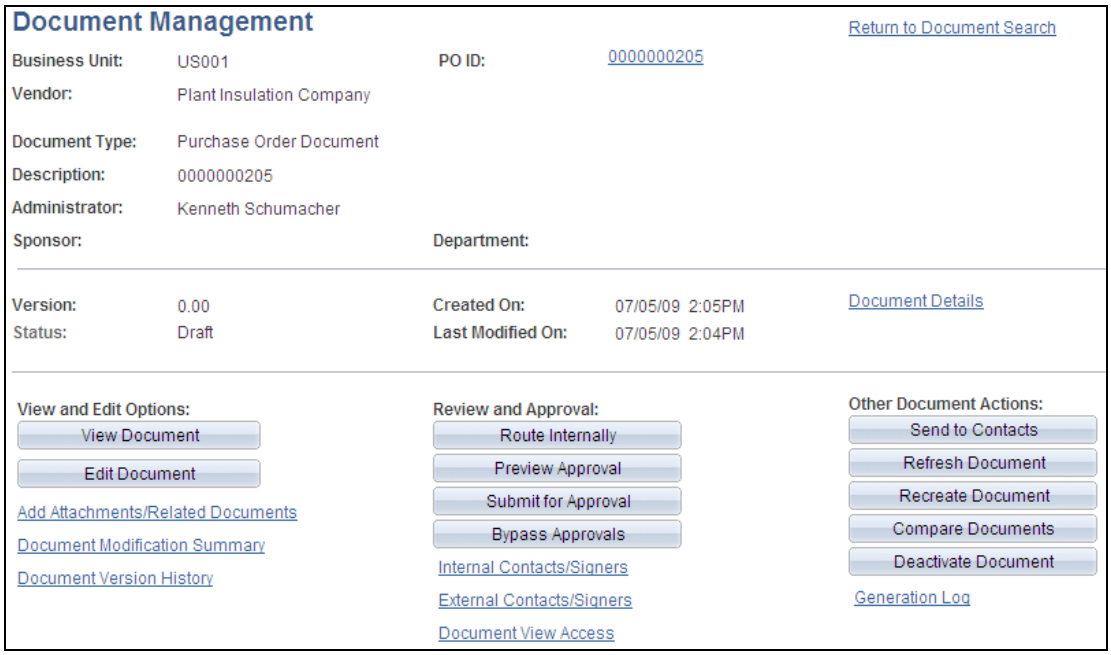

Document Management page for a purchase order document

You can add attachments and related documents, viewing document history and modification summaries, and refreshing or re-create the document to update it for changes to the purchase order, and perform other tasks.

You will be able to route the authored document for internal or external collaboration and you can be prepare it for signatures so that you capture digital signatures from users online.

The system supports full lifecycle contract document tracking, including initial execution and dispatch of the authored document. It also supports creating subsequent contract document amendments which can be created in coordination with or independent of change orders made to the transactional purchase order as needed.

Note: Authored documents are designed to support a more formal contract document with embedded terms and conditions and are not intended to be a replacement for the purchase order dispatch document in terms of layout and detailed dispatch calculations.

Approval Framework

You may already be leveraging the Approval Framework (formerly known as Approval Workflow Engine) for PeopleSoft eProcurement, PeopleSoft Expenses, and other applications throughout PeopleSoft Supply Chain Management, Financials, and Human Capital Management. With the Approval Framework, setting up and administration over approval setup, rules, and routings are maintained within the same setup pages across PeopleSoft applications. Standardizing approvals throughout your business processes will help lower IT costs.

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With PeopleSoft Purchasing Release 9.1, we plan to leverage the robust and flexible ***Approval Framework*** throughout the Procure to Pay business process, including the purchasing requisitions and purchase orders. The Approval Framework can be easily configured by business and functional users, thereby reducing IT and training costs. The Approval Workflow Engine (AWE) originated in PeopleSoft eProcurement and beginning with Release 8.9 was incorporated into PeopleTools so that other applications could uptake the Approval Framework. Business unit managers will have the option to either leverage the Approval Framework for their purchasing requisitions and purchase orders or continue to use PeopleTools Virtual Approval.

A few of the features available with the Approval Framework for Purchasing Requisitions and Purchase Orders include:

- Email-based approvals (including Outlook, Lotus Notes, and Blackberry attachments) without logging into the application.
- Line-level approvals for requisitions, allowing approved lines to be sourced when other lines are pending or denied.
- Approval routings based on commodity, amount, department and so on.
- Full visibility into approval routings.
- Approval workbench with mass approval capability.
- Notifications and delegations.

New Functionality

Release 9.1 PeopleSoft Purchasing will provide two types of workflows. The first is the standard PeopleTools Workflow Technology (Virtual Approval) that has been used in previous releases to approve transactions and generate workflow notifications.

The second is a new PeopleSoft Approval Framework. You will use this method to approve requisition and purchasing transactions. The framework requires less technical skills than the PeopleTools technology. For example, all of the steps in the Approval Framework are defined by means of PeopleSoft pages rather than the underlying PeopleSoft PeopleCode, so functional users can design and maintain workflow using these online PeopleSoft pages without technical developers having to create workflow rules. In addition, the Approval Framework enables you to approve transactions at the line level and use several additional approval features.

PeopleSoft Purchasing Release 9.1 enables you to approve requisition and purchase orders using the Approval Framework. Most of the work is already done for you and is delivered with your PeopleSoft system. You will need to activate the workflow and adjust the approval setup to identify individual user profiles and user lists, approvers and dynamic roles, templates, and servers.

Included in the setup of the Approval Framework will also be the definition of transaction registries, approval processes and transactions, approval monitors and the creation of ad hoc notification templates and change templates.

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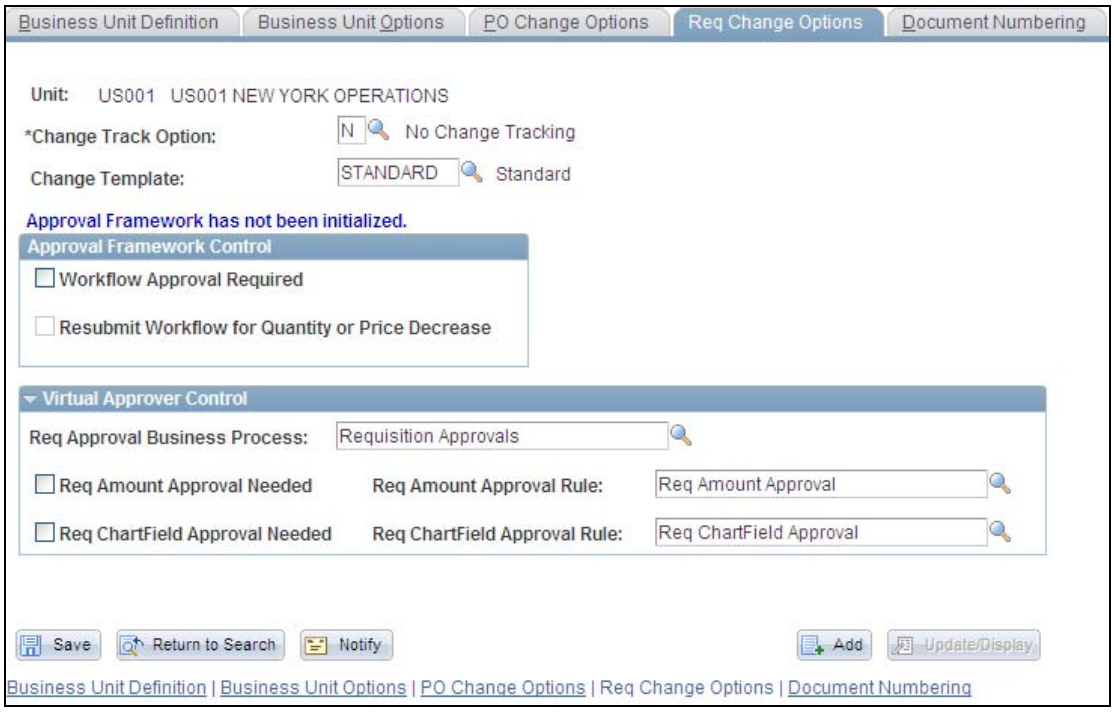
You will activate the framework for requisitions and purchase orders at the business unit level. This example shows the Req Change Options page for defining requisition approvals:



Req Change Options page

To approve requisitions in PeopleSoft Purchasing, you can choose one of two workflow methods; the Approval Workflow Engine or the Virtual Approver.

You will use the Approval Framework Control group box to enable the approval framework for approving requisitions at the header level, line level, or both. You will select the Workflow Approval Required check box to indicate that you want to use the approval framework for requisition approvals. When you select this check box, you initiate the framework and end the use of Virtual Approval. Any current pending requisition transactions will finish the approval process using the Virtual Approver. From this action forward, the system uses the Approval Framework for new requisitions.

After initiating the Approval Framework, you cannot activate Virtual Approver again. You will also be able to select the Resubmit Workflow for Quantity or Price Decrease check box to indicate that requisitions require re-approval after the quantity or price has been decreased.

You will use the Virtual Approver Control group box to select settings for approving purchase orders using the Virtual Approver feature. Selecting the Req Amount Approval Needed or Req ChartField Approval Needed check box forces requisition transactions to flow through the approval process before continuing through the purchasing life cycle.

You use the PO Change Options page to define approvals for purchase orders. The page is similar to the requisition setup page and appears in this example:

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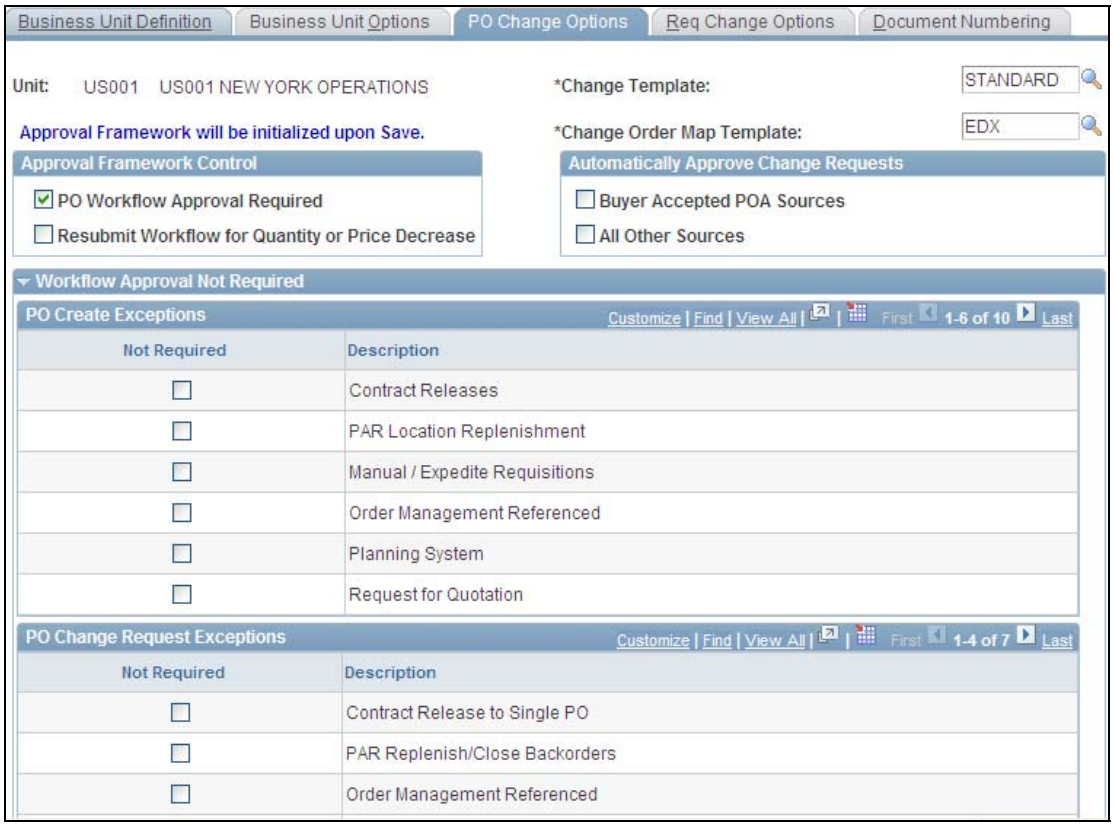

PO Change Options page

You will use the Buyer Accepted POA Source (buyer accepted purchase order acknowledgements source) field to automatically approve change order requests that are generated by online purchase order acknowledgements (POAs) that a supplier enters directly into the system. This check box is selected by default. To use this option, the installation must include PeopleSoft eSupplier Connection.

The All Other Sources check box enables the system to automatically approve change order requests that are generated by other change order sources such as the Close Backorders process, PeopleSoft Supply Planning, PeopleSoft Order Management (direct shipment), PeopleSoft eProcurement (change requests), and PeopleSoft Manufacturing.

The Workflow Approval Not Required group box will only appear when you select to use the approval workflow framework for purchase order approvals. You will define the purchase order input sources that do not require approval by selecting the Not Required check box on the row.

After the Approval Framework is in place and when a purchase order or requisition is created, you begin to use the Approval Framework. The system automatically applies approval information based on the framework settings.

Among the actions that you can perform using the Approval Framework for requisition and purchase orders are:

- Approve an entire requisitions or purchase orders at the header level or at the line level.
- Deny the approval at the header level or for individual lines.

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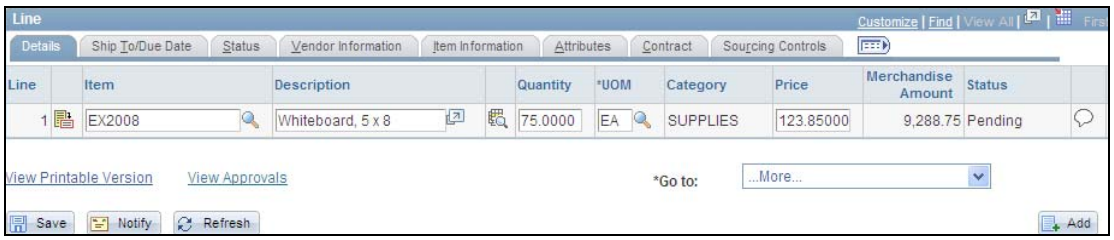
- Push back an approval to return the transaction to the previous approval step.
- Add or remove ad hoc approvers or reviewers.
- Review the details of the approval using online XMLP printable reports.
- Make comments about the approval.
- Approve a changed requisition or purchase order.
- Perform mass approvals.
- Approve or deny requisitions and purchase orders using email.
- Make self approvals.
- Assign alternate approvers.

To review approvals, you will click the View Approvals link on requisition or purchase order pages. The button is available when you select to approve requisitions or purchase orders using the Approval Framework. The next example shows the View Approvals link as it appears on the Requisition page:



Requisition page with the View Approvals link

When you click the View Approvals link, you will be able to review who will approve the purchase order or requisition. This example shows the requisition View Approvals page for header approvals in PeopleSoft Purchasing 9.1:

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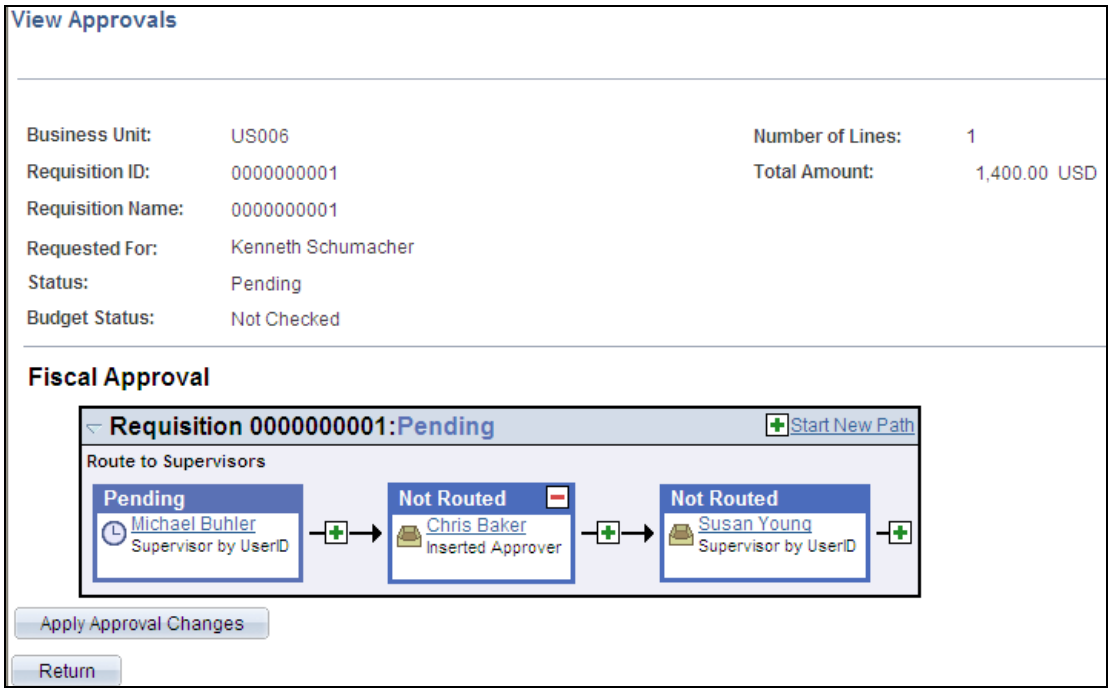

View Approvals for a requisition

Along with viewing basic requisition information, the page will provide a graphical flow of the approval for each approval stage and path. You will also be able to insert approvers and reviewers. For example, if you want input from an inventory analyst, you will be able to add the analyst as an approver. This action only applies to the approval instance in which the addition occurs and does not affect the underlying process definition used for other requests.

To insert ad hoc approvers and reviewers, click the plus + symbol for a pending requisition. In the example Chris Baker was added as an ad hoc approver. You will also be able to use the page to remove any ad hoc approvers or reviewers that you add and initiate a new approval path.

The next example shows how the View Approvals page will appear for PeopleSoft Purchasing Release 9.1 purchase order approvals:

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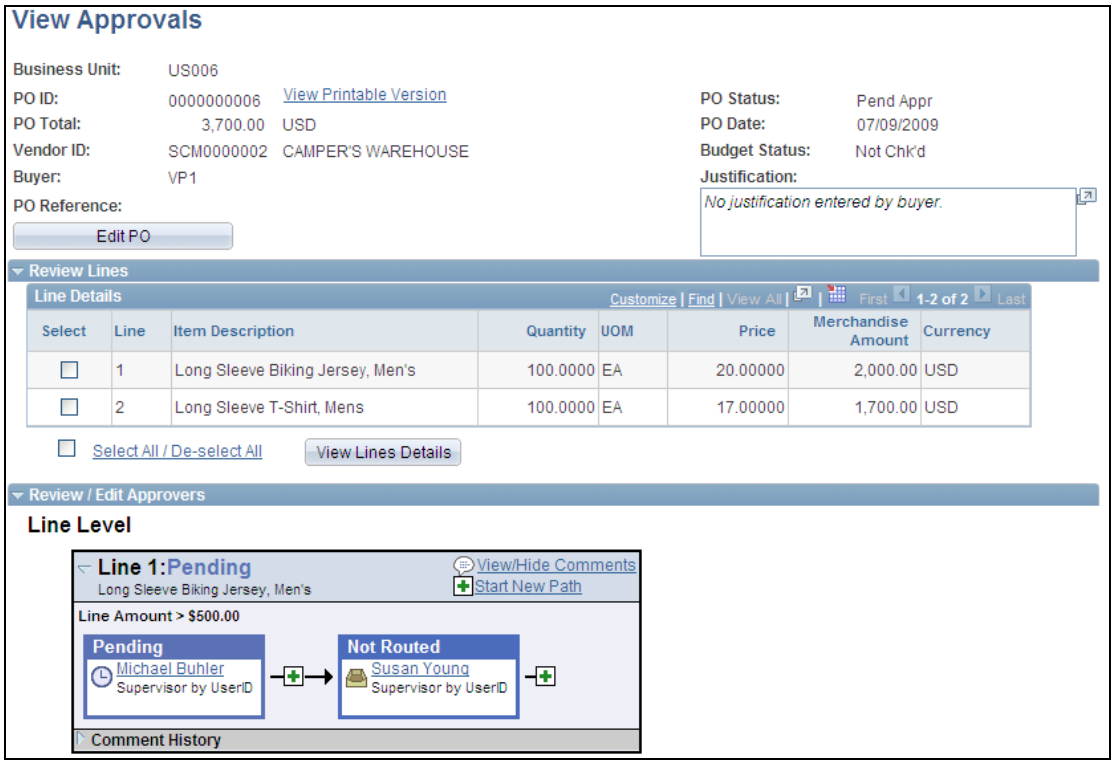

View Approvals page for purchase orders

For purchase orders you can also view the purchase order details and a graphical flow for approvals. You will use the Review Lines group box to select a purchase order line to view. Click the View Lines Details link to review an online purchase order report. This report shows the layout of the printed version. The purchase order opens in a second window and can be printed as shown in this example:

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Purchase Order Page: 1 of 1

US006 OREGON OPERATIONS
123 Main Street
Portland OR 97201
United States

Pending Approval/Approved		Print
Purchase Order US006-0000000004	Date 2009-07-09	Revision
Payment Terms Net 30	Freight Terms Destinatn	Ship Via Common
Buyer Kenneth Schumacher	Phone 5555555555	Currency USD

Vendor: 0000000045
Robert Half
101 Main St
San Francisco CA 93821
United States

Ship To: 144 North Street
New York NY 10168
United States

Attention: Not Specified

Bill To: 123 Main Street
Portland OR 97201
United States

Tax Exempt? N Tax Exempt ID: Replenishment Option: Standard

Line-Sch	Item/Description	Mfg ID	Quantity	UOM	PO Price	Extended Amt	Due Date
1 - 1	Long Sleeve T-Shirt, Mens		100.00	EA	17.00		07/19/2009

DIST: 1

Chartfields

Status	Percentage	PO Qty	Amount
Open	100.0000	100.0000	1700.000

GLUnit	Account	Dept	Product
US006	131000	11000	ALLPRD

Details/Tax

BaseAmt	BaseCurrency	Currency	Location	Consigned
1700.000	USD	USD	US001	N

Schedule Total	1700.00
Item Total 10002	1700.00
Total PO Amount	1700.00

Purchase Order review details

Using the View Approvals page, you will also be able to review the approval history. When you save a requisition or purchase order, the system will automatically route the approval to the first approver and sets the status to Pending.

Upon receiving an approval, approvers can access a listing of their requisitions or purchase order approvals and select to open individual requisitions or purchase orders to take approval actions or mark multiple pending approvals for an approval action. This example illustrates how the Approve Purchase Orders page appears with multiple purchase orders awaiting review:

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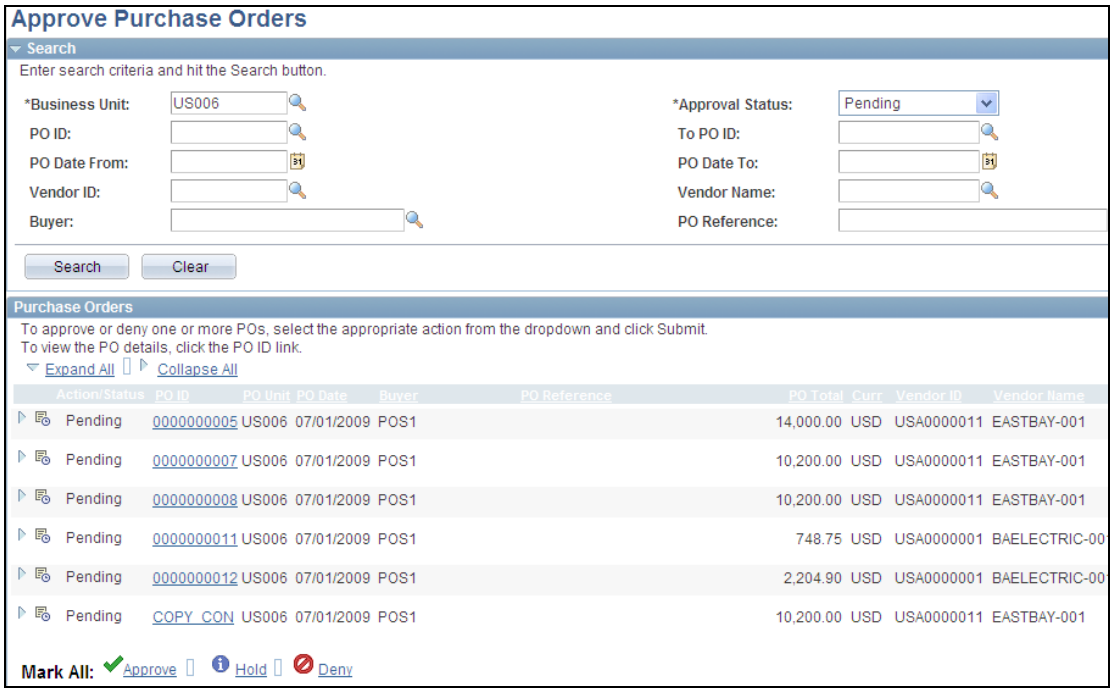

Approve Purchase Orders page for approvers

To approve individual requisitions or purchase orders or lines, change the Approval Status field from Pending to Approve. You can click the Expand button in the Purchase Orders group box to view details about individual lines for approval. To approve all purchase orders shown in the search results, you will be able to use the mass approval feature by selecting Mark All.

In addition to using the Approve Purchase Order page, you will also be able to use the Purchase Order Approval page to manage purchase order approvals. The Purchase Order Approval page displays a single purchase order. You can select one or more lines from the purchase order that are pending approval. You can only approve lines that are pending approval. This example shows the page with the Review/Edit Approvers group box collapsed:

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Purchase Order Approval page for approvers

The Purchase Order Approval page will also enable you to view the approval flow for the purchase order lines and header. Using the Setup Process Definition component to define approval definition processes you can define the routing of an approval. This definition is made up of the stages, paths, steps, and criteria that build a workflow.

You can review and approve requisitions and purchase orders at the line level or the header level. Click the Review/Edit Approvers Expand button to view the approval flow for the approval as shown in this example:

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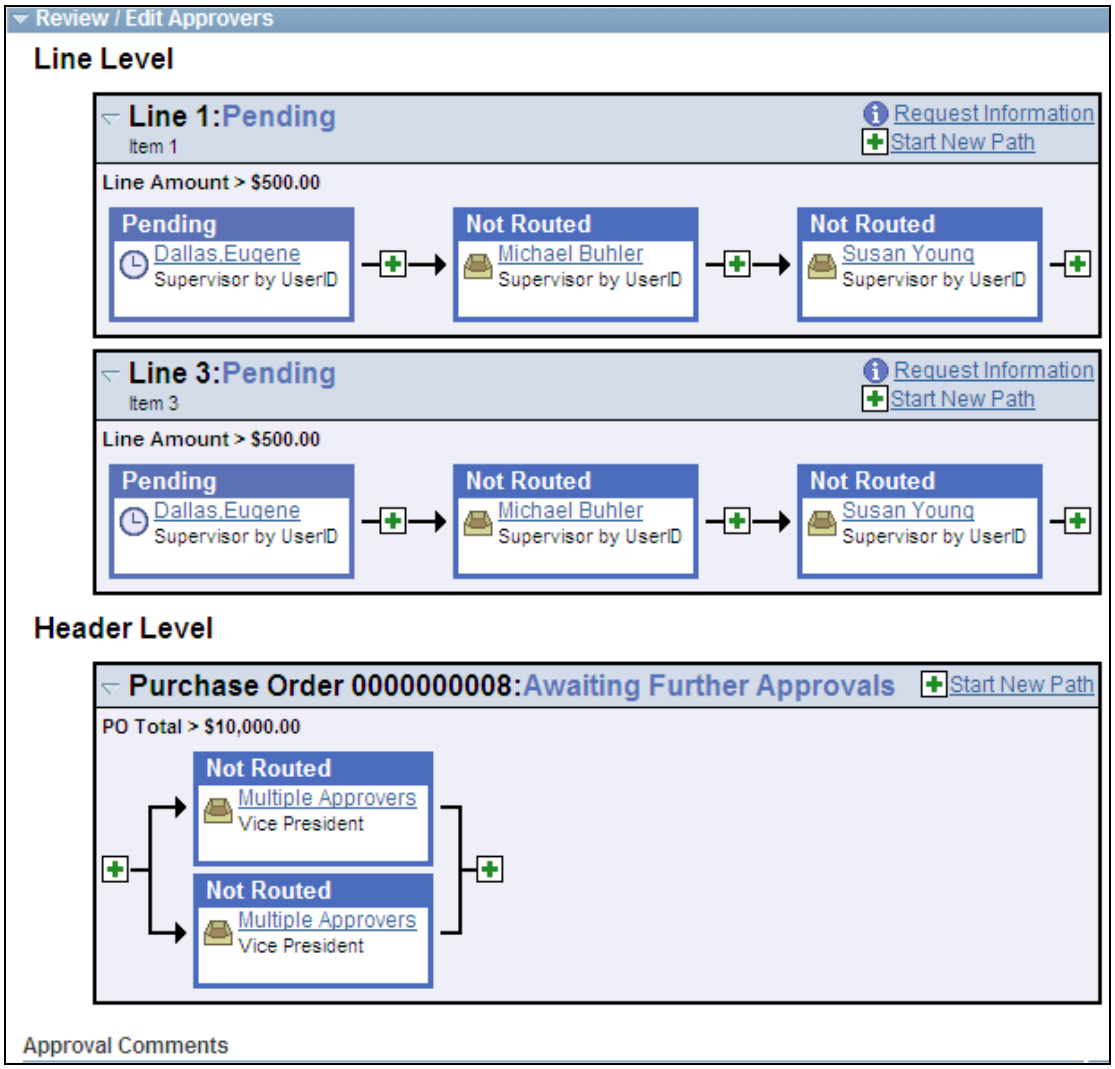

Review / Edit Approvers group box for purchase order line and header approvals

You will be able to define an approval process definition with different stages for different types of approval. Within a stage, the system will process paths in parallel. So, as in the previous example, with multiple approvers, the system sends the approval to both approvers at the same time.

After an approver has approved a purchase order, and submits it, it's routed to the next approver. The system will update the graphical flow with different colors to illustrate that one approver has completed the approval as shown in this example:

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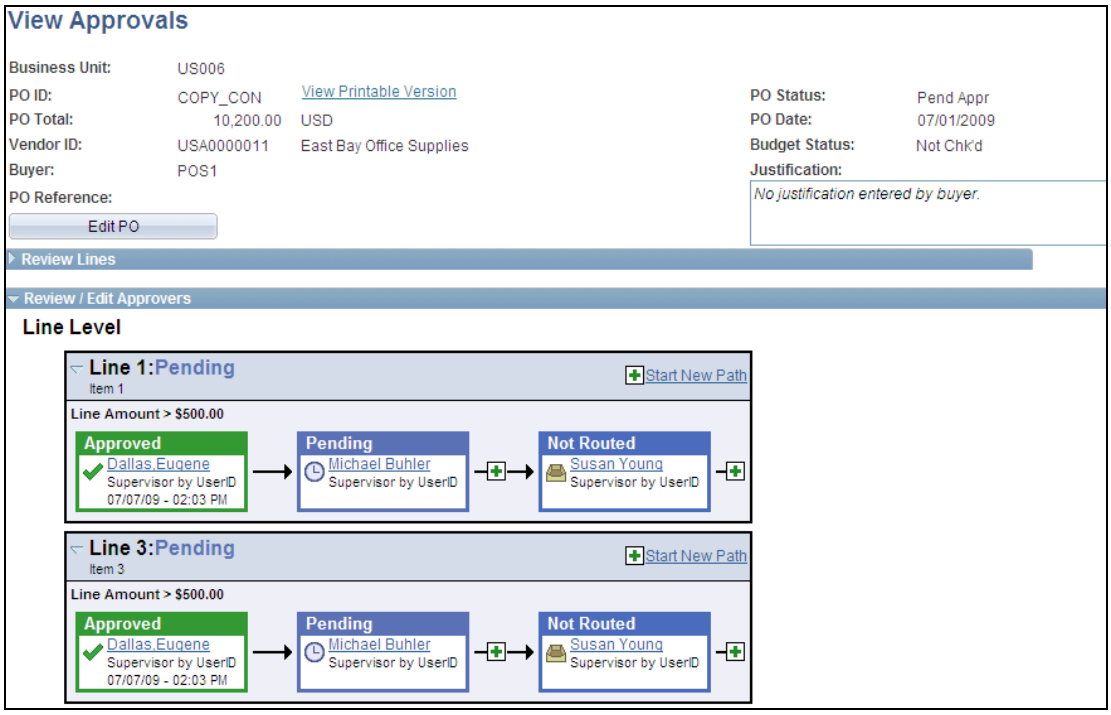

Purchase Order Approval page with line approvals

This example shows that the first approver approved the purchase order and that the approval is pending for the next approver. At this point, the next approver can add ad hoc approvers and start a new path.

After a purchase order line is approved by at least one person, the next approver can push back the purchase order line in order to have the previous approver reconsider the approval. To pushback a purchase order line, you will be able to use either the Approve Purchase Orders page or the Purchase Order Approval page.

Through the Approval Framework process, the system tracks all aspects of approvals. After the final approver has submitted the final line for approval, the system will update the purchase order or requisition's status to Approved if there are no other approval requirements.

Core Purchasing Enhancements

With PeopleSoft Purchasing Release 9.1, we plan to continue to incorporate fusion technology within the applications. ***PO Dispatch using XML Publisher*** will enable you to easily configure the layout of dispatched purchase orders to meet the needs of the organization and suppliers. Before Release 9.1, you made these cosmetic-only changes via a customization to the underlying dispatch program. In PeopleSoft Purchasing Release 9.1, we plan to provide the option to use the new XML Publisher in conjunction with the new Application Engine process, or to continue to use the existing POPO005.sqr report for dispatching purchase orders.

With Release 9.1, we plan to provide the capability to affix the correct signature to dispatched purchase orders. The ***Buyer PO Dispatch signature file*** feature will enable buyers to automatically append their signature to purchase orders.

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Organizations occasionally track and record trade-in information on purchase orders when requesting a new or replacement item. Support for trade-ins is enhanced in Purchasing Release 9.1 by enabling users to ***enter a negative amount line in requisitions***. The negative line and amount will automatically flow through to a purchase order.

The configurable purchase order and requisition change tracking provides organizations the flexibility to control which fields, when changed on the transaction, are tracked. This ensures audit compliance within the organization. In Release 9.1, we plan to also track changes to One time Ship-To. ***One Time Ship-To change tracking*** will record all location detail changes within requisitions and purchase orders.

PeopleSoft Purchasing streamlines the PO Sourcing process by allowing requisitions to be sourced automatically to purchase orders. Buyers only need to review on an exception basis. In Purchasing Release 9.1, we plan to further streamline the PO Sourcing process by providing the tools to make it easier and faster for buyers to ***manage exceptions and errors in the Sourcing Workbench***. Buyers can now select to recycle or purge multiple transactions at one time. To further streamline PO Sourcing, budget checking and PO Dispatch have been added as an option on the PO Sourcing run control. The PO Dispatch option is available if you are using the new PO XMLP Dispatch.

Spend analytics is one of the highest priority objectives for chief procurement officers. However, to have useful analytics, data needs to be accurate. PeopleSoft will be making improvements to help users easily update procurement data to correctly reflect real-life situations. With the planned ***close short processing***, open purchase orders can easily be identified and quantities can be reduced to match the amount received. Buyers can use the new ***Close Short Workbench*** to identify the purchase orders for which they want the quantity to be reduced to the received quantity. Alternatively, the Receiving Putaway process can automatically close short those purchase orders for which you selected to close short at the time of the purchase order or receipt creation. The Close Short Workbench will also allow users to adjust the Close Under Quantity % value for their purchase orders. The close short enhancements will result in more accurate data and minimized liability.

Buyers and receiving personnel rely on their respective documentation to identify the person requesting the goods or service. Prior to Release 9.1, the Attention To and Requisition Name fields were available in PeopleSoft eProcurement product. In Release 9.1, we will make this information available on the purchasing requisition as well. The Attention To value will flow through to the PeopleSoft purchase order and receipt, so the receiver is able to easily identify the final recipient for the order.

In PeopleSoft Purchasing Release 9.1, we plan to leverage the new ***PeopleSoft Strategic Sourcing line groupings*** enhancement within the procurement contract and the purchase order. In PeopleSoft Strategic Sourcing Release 9.1, we plan to enable event creators to purchase a group of lines from one vendor, specify what the groups are, and have the system treat each group as a unit for bidding purposes. Likewise, sometimes a buyer does not group lines on event creation but a supplier proposes a group because, in doing so the supplier can offer the buyer a better deal.

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When Price List Load transmissions are received, many times vendors do not send in the PeopleSoft System item ID. In many cases they send in their own vendor item ID, or catalog number, such as UPC or UID number. In PeopleSoft Purchasing Release 9.1, we plan to introduce the capability of the ***Price List Load (EDI 832) data mapping*** to recognize alternate item keys other than a PeopleSoft system item ID for mapping to existing items within the item master. Other item keys include vendor item ID, manufacturer item ID, and UPN numbers.

We plan to improve the **Group Purchasing Organization (GPO) Item Selection** page in Release 9.1 by standardizing the interface and by giving users the ability to apply an item category to many rows at once. Expanded selection criteria will enable users to filter based on the manufacturer item ID as well as an individual IDs or range of Item IDs. Users will have more flexibility in narrowing the list of items they receive from a GPO.

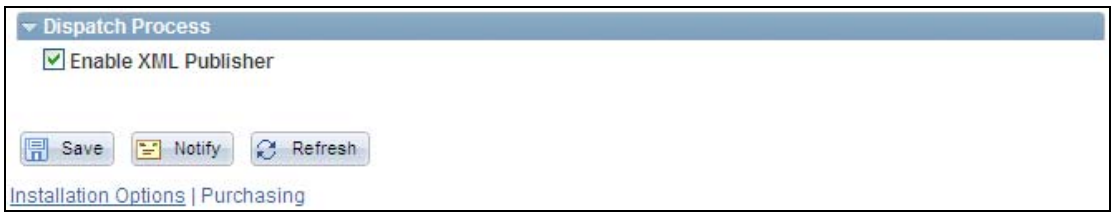
In PeopleSoft Purchasing Release 9.1, we plan to incorporate several enhancements to more ***closely enforce rules for adjusting purchase orders to help prevent matching or invoicing errors***. We plan to provide buyers with the ability to edit the due date on a PO schedule if a return to vendor (RTV) for replacement exists for the purchase order schedule. This helps to accurately capture the due date for the replacement item.

New Functionality

This section describes the new PeopleSoft Purchasing 9.1 functions that support Release 9.1 core Purchasing enhancements.

Purchase order dispatch using XML Publisher: For Release 9.1, purchase order dispatch will be available using Oracle XML Publisher through PeopleSoft Purchasing and eProcurement. This functionality provides a seamless interface and consistent report format between Purchasing and eProcurement dispatches. You can print, email, or fax the report as an attachment.

To enable the use of Oracle XML Publisher, select the Enable XML Publisher check box on the Purchasing Installation Options page as shown in this example:



Purchasing Installation Options page to enable XML Publisher

Select this check box to use Oracle's XML Publisher to format and print purchase orders during the dispatch process. This check box affects the dispatch processes within PeopleSoft Purchasing. If this check box is not selected, then the system uses SQR to format and print purchase orders.

When you dispatch purchase orders, the Template ID field is available for XML Publishing on the Dispatch POs page as shown in the next example:

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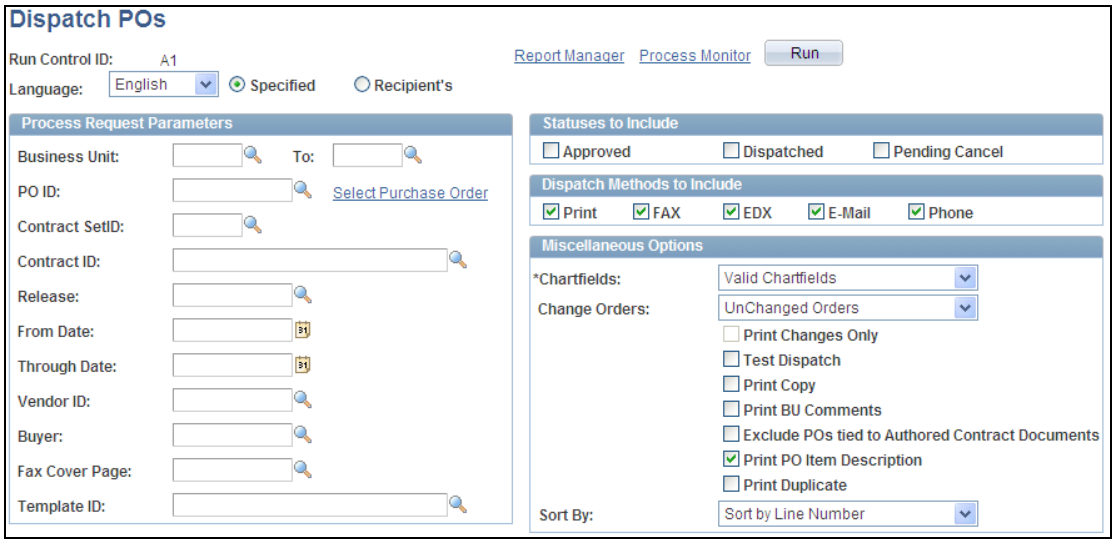

Dispatch POs page

If the Template ID field on this page is blank, then the system uses the default template on the XML Publisher Report Definition page in the Reporting Tools component. The Template ID field appears only if you selected the Enable XML Publisher check box for Purchasing in the installation options.

Close Short Processing: The Close Short job enables you to close short both stockless and nonstockless line items on a purchase order. For PeopleSoft Purchasing 9.1, the close short functionality will be available for any line on the purchase order. In addition, the system will enable close short to be initiated at receipt time.

This example shows the Close Short All Lines button that is available on purchase orders:

Close Short All Lines button

Closing a line short enables you to close future receiving for purchase order lines. When you select to close a purchase order line short and the close short processing requirements are met, the system reduces the quantity on the schedules for the purchase order line to the quantity already received.

This example shows the new Close Short Workbench, which is part of the 9.1 Close Short feature:

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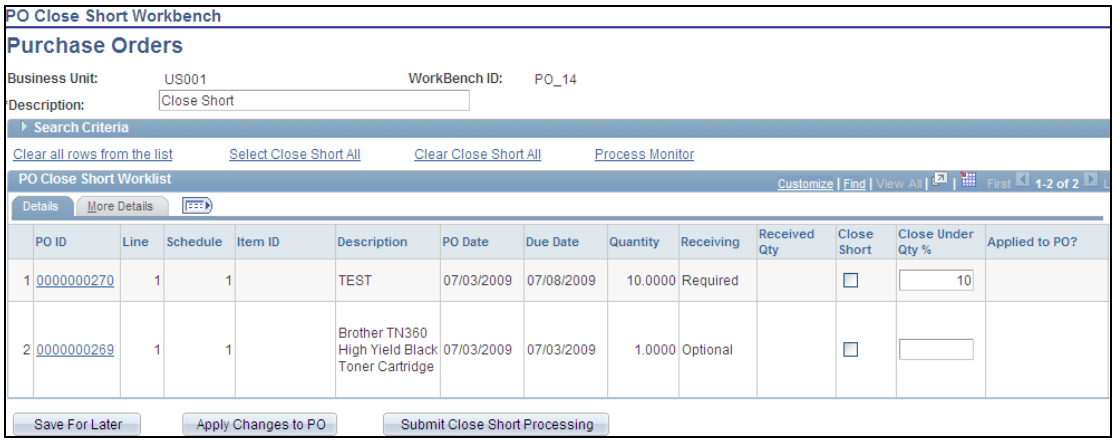
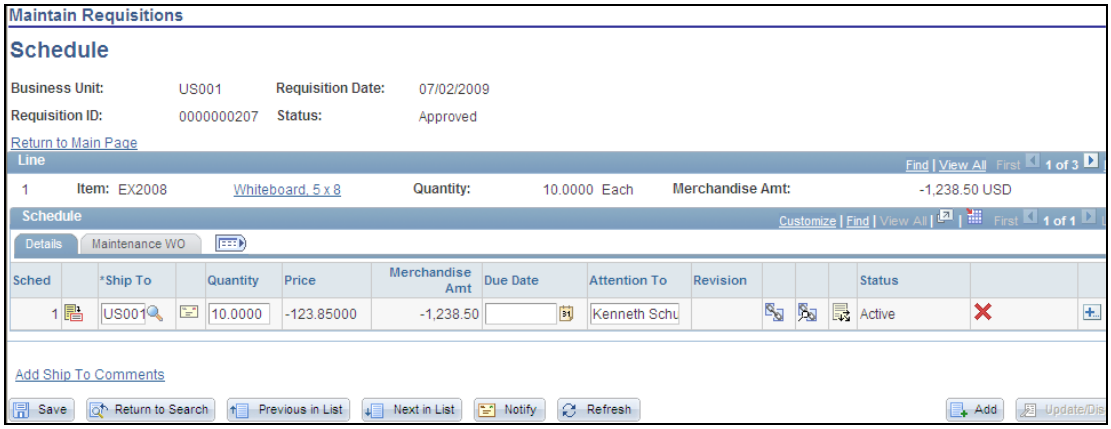


PO Close Short Workbench page

The Close Short Workbench provides a way to review purchase orders and determine whether outstanding purchase order lines should be set to close short. Using PO Close Short Workbench, you can run both the PO_CLSSHORT AE process and the PO_POCHNG AE process so that the purchase order is updated to reflect the Close Short processing.

Carry Over from eProcurement: New for PeopleSoft Purchasing in Release 9.1 are the Requisition Name and Attention To fields for Purchasing requisitions. These fields will identify PeopleSoft eProcurement-related fields that have been carried onto the requisition, purchase order, and receipt transactions in PeopleSoft Purchasing. This example shows the Attention To field that is now available for 9.1:



Maintain Requisitions Schedule page

The Attention To field displays the person to whom or the place to where the services or goods for this requisition should be delivered. Attention to information is derived from PeopleSoft eProcurement requisitions for use with Purchasing requisitions.

Line grouping: With PeopleSoft Purchasing Release 9.1 line groupings, buyers can use PeopleSoft Strategic Sourcing to obtain better pricing for items. For example, a buyer might want to buy a computer, mouse, monitor, and printer as a unit. In this case, the buyer still creates four line items, but makes each item part of a group. The system applies the lowest price regardless of whether the item is ordered as a standalone item or as part of the group.

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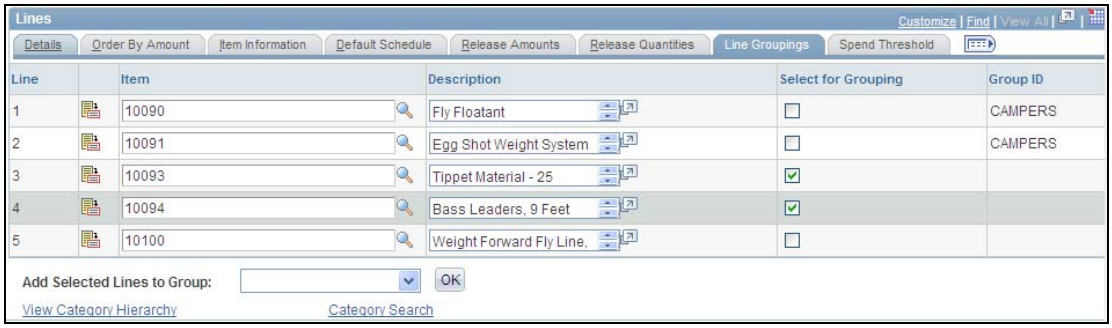
A new Line Groupings tab will be available for Purchasing contracts. The tab provides information about line groups that you can copy to a contract or that exist for a contract. This example shows the new page:



Contract page Line Groups tab

When a PeopleSoft Strategic Sourcing event is awarded to a contract, the system establishes a line grouping reference for the contract line. You can also create the line grouping manually by selecting a single or multiple contract lines to add to a new group. After creating a line group, you can add items to the line group or remove items from the group. When you select items against which to perform a line group action, the Add Selected Lines to New Group field appears. Using this field, you can select the type of action that you want to perform for the contract's line items.

Group Purchasing Organization item selection: You use GPO contract pricing to negotiate contracts by group purchasing organizations on behalf of an organization. As part of PeopleSoft Purchasing Release 9.1, the Group Purchasing Organization feature will be moved to the Purchasing menu. Also, to make the update of existing item records easier, alternate item keys that can be recognized by the 832 Price Load process will be added.

The GPO Item Selection page has been standardized to enable the application of an item category code to multiple items at once. The page appears in this example:

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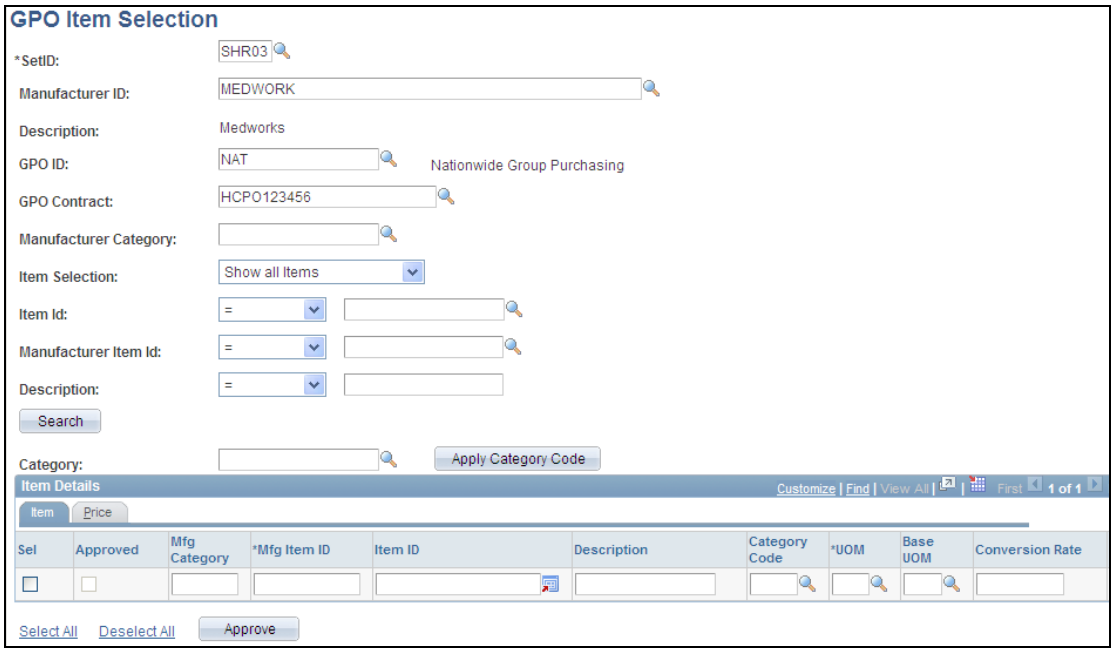

GPO Item Selection page

You will use the Sel column or Select All link to select items to which you want to apply the category code you select in the Category field. Item ID, Manufacturer Item ID, and Description will also be available as selection criteria. You can also use the Approve button to set the selected lines to Approved in GPO_ITM_EC table.

We added a Current Price column has been added for the Price tab. If this item/vendor combination already exists, the field will be populated with the current item vendor price for the UOM, providing you a quick comparison of the price change.

Commitment Control Enhancements

For organizations using PeopleSoft Commitment Control, with PeopleSoft Purchasing Release 9.1 we plan to provide visibility to ***remaining encumbrance balances*** on purchase orders and requisition accounting entry pages. We plan to show encumbrance balances at the header and distribution line level for both purchase orders and requisitions transaction and inquiry pages. Quick access to remaining balances improves the user experience for organizations using PeopleSoft Commitment Control.

For PeopleSoft Purchasing customers that use Commitment Control, with Release 9.1, we plan to have an option to check whether budget exists for an order before the amount is committed to the pre-encumbrance or encumbrance. The Budget Processor will have a new processing option to ***Check Budget Only***, without reserving funds. This option will be available on the requisition and purchase order pages. The statuses of Provisionally Valid or Error on the transaction pages will indicate whether budget is available. This option will allow users to validate their documents in work in progress mode without affecting budget balances.

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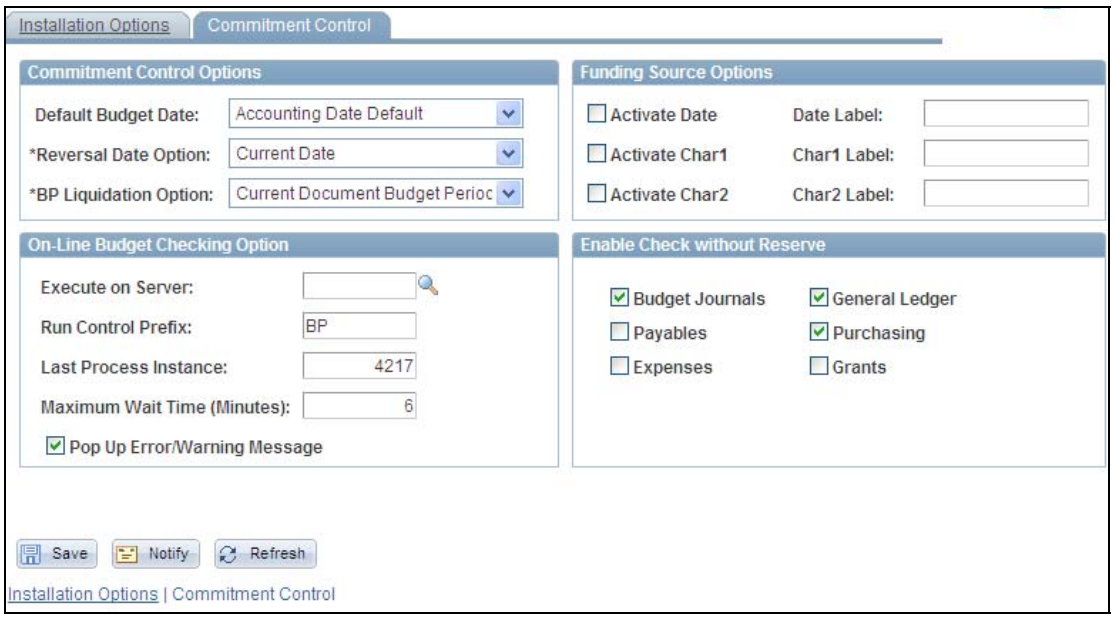
With Release 9.1 we plan to improve the visibility of received, voucher, and matched amounts for purchase orders. We plan to add the PO total merchandise amount, total received amount, total vouchered amount, and total matched amount to the ***PO Activity Summary*** page.

The Requisition and Purchase Order Reconciliation Workbenches will be renamed ***Requesters Workbench*** and ***Buyers Workbench*** respectively, to reflect the fact that users can do more than simply reconcile transactions using the workbenches. Users may also review, perform simple approvals, dispatch, and now, starting in Release 9.1, organizations that use Commitment Control can also ***budget check selected transactions*** in the Requesters and Buyers Workbenches.

New Functionality

This section describes functions that support updates made for commitment control in PeopleSoft Purchasing 9.1.

To enable budget checking without reserving funds for Release 9.1, the Commitment Control Budget Processor will have a new processing option to check a budget without reserving funds. When performing the check only, the Budget Processor will perform all of the budget checking and editing as before, but will do so without committing changes to the ledger or other records. The new option appears in this example:



Commitment Control page

To establish budget checking without reserve for PeopleSoft Purchasing, you will click the Purchasing check box in the Enable Check without Reserve grid. A new button is available on a number of Purchasing pages including requisition and purchase order pages. The Check Budget Only button, as shown on the right in the bottom row of buttons in this example, enables you to validate documents in work-in-progress mode without affecting budget balances:

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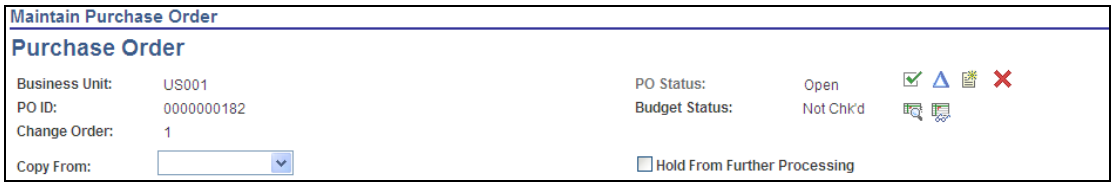


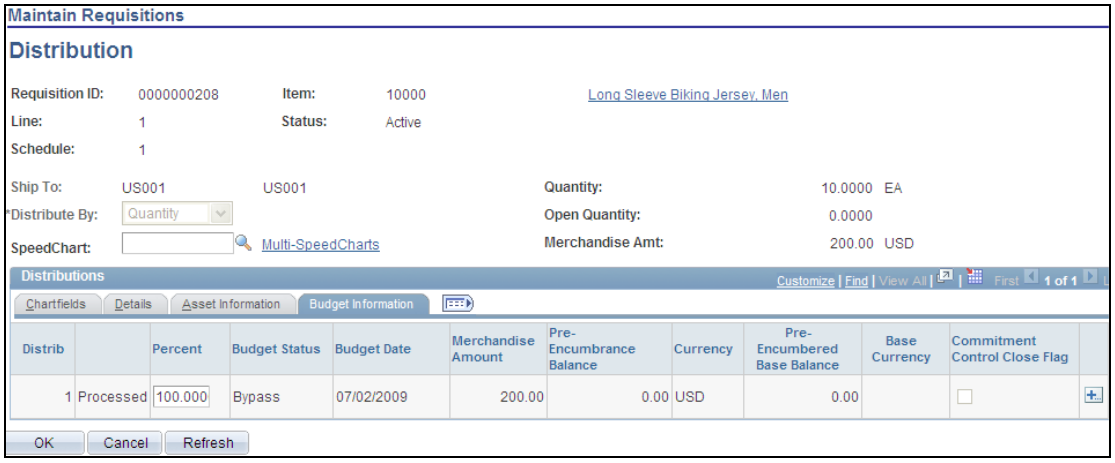
Budget Check Only button on the Purchase Order page

Click the Budget Check Only button to perform a prebudget check against the Budget Journal. This button is visible only if the Commitment Control check box and Check only Commitment Control check box are selected for PeopleSoft Purchasing. This button is not visible if the budget status is Valid.

To support remaining encumbrance balances in Release 9.1, the system has been updated in numerous areas to provide pre-encumbrance and encumbrance balance details. The updates:

- Provide visibility to pre-encumbrance and encumbrance balances for requisitions and purchase order accounting entry pages.
- Add the remaining encumbrance balances to account entry inquiries.
- Improve visibility to received, vouchered, and matched amounts for purchase orders at the header level and on the PO activity summary.
- Provide budget checking functionality from the purchasing and requisition workbenches.

For Release 9.1 pre-encumbrance values were added to a variety of pages including those for requisitions, purchase orders, workbenches, and inquiries. The next example illustrates how the new Pre-Encumbrance Balance and Pre-Encumbered Base Balance columns appear on the requisition Distribution page:



Maintain Requisitions - Distribution page

The system displays the Pre-Encumbrance Balance field only when commitment control is selected and the document has been budget checked at least once. When you generate a requisition, a pre-encumbrance is created in budget records by the budget-checking process.

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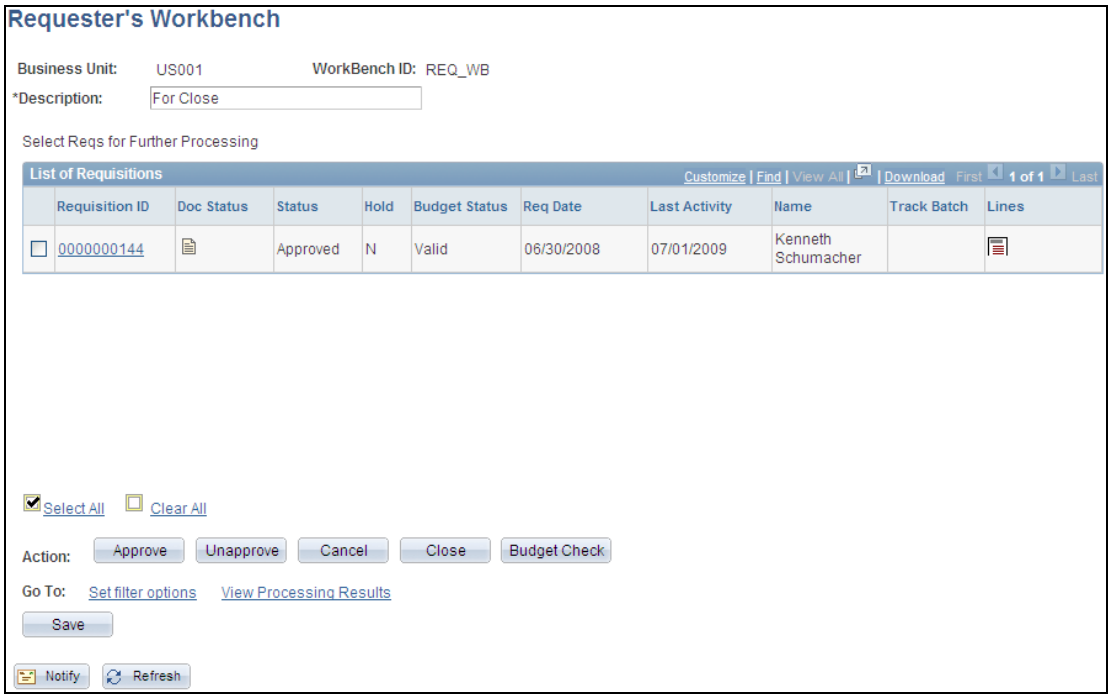
If the pre-encumbrance balance is greater than zero, the system enables the inquiry link. If the pre-encumbrance balance is less than zero, the link is not available. Pre-encumbrance balances are updated each time you budget check the requisition.

Drilling down into the pre-encumbrance amounts will provides access to the PO Accounting Entries Inquiry, where you can view the details that make up the amount.

As part of commitment control updates for PeopleSoft Purchasing 9.1, the Reconciliation Workbench will be renamed to Requester's Workbench as shown in this example:



Requester's Workbench page

You will click the Budget Check button to initiate the Commitment Control Budget Processor process for the selected requisitions. This button is available if commitment control is enabled for PeopleSoft Purchasing. When you click the button, the Processing Results page appears where you can review the selected requisitions and select to proceed with processing for the requisitions.

For Release 9.1, the Purchase Order Reconciliation Workbench will be updated to the Buyer's Workbench. The next example shows the new page:

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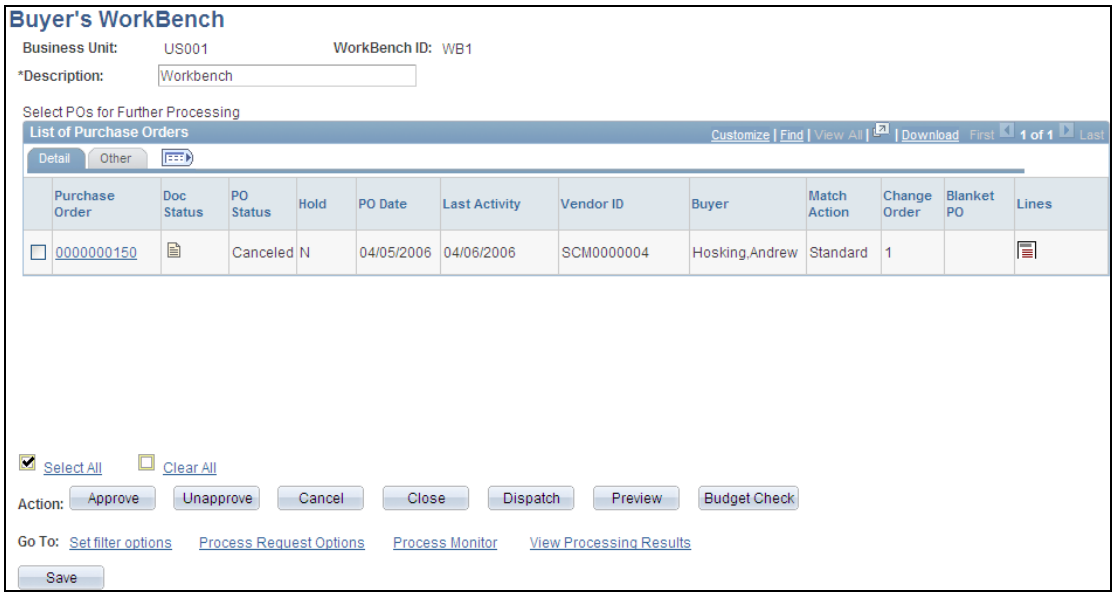

Buyers Workbench page

As with the Requester's Workbench, when you click the Budget Check button, the system will initiate the Commitment Control Budget Processor process for the selected purchase orders.

If a purchase order has an authored contract document created through PeopleSoft Supplier Contract Management associated to it, certain changes here could affect the authored document. You should contact the contract specialist or the buyer in case they need to update the document.

Receiving Enhancements

Serial IDs can be assigned on the Receipt Putaway page for inventory related transactions, on the receipt manufacturing page for subcontract related last operation transactions, on the receipt device tracking page for device tracked items, and on the receipt asset management page for asset related receipt lines. Prior to Release 9.1, only when entering asset related serial IDs were edits performed for duplicate IDs. For PeopleSoft Release 9.1, we plan to provide similar edits within receiving on serial IDs assigned to inventory related, subcontract related, and receipt device tracking transactions.

Lot IDs can be assigned on the Receipt Putaway page for inventory related transactions, on the receipt manufacturing page for subcontract related last operation transactions, and on the receipt device tracking page for device tracked items. Prior to Release 9.1, in the case of the receipt manufacturing page, a lot ID prompt was only available for assigning existing inventory Lot IDs to the receipt of the subcontract's last operation. In Release 9.1 we plan to make similar ***prompts available for lot IDs for inventory related receipts***. This enhancement is especially valuable when an inventory business unit does not allow the automatic adding of new Lots.

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Prior to Release 9.1, when a purchase order was received the date used for the currency exchange rate was the purchase order header date. For non-PO receipts, the receipt header date is used for the currency exchange rate date. While doing currency conversion this way works well for some customers. Others need the receipt date to be used for the currency exchange rate date for PO receipts as well as non-PO receipts. In Release 9.1, we plan to allow you to set business units options to use either the ***Receipt Date value or the PO Date value when creating receipts***.

Prior to Release 9.1, only one Pro number could be assigned to each receipt line, even though multiple Pro numbers could be assigned to a return to vendor line. With Release 9.1, we plan to give receiving users the ability to ***assign multiple Pro numbers on receipt lines*** for multiple boxes being received for each line.

Prior to Release 9.1, on the receipt line details pages (add/update and inquiry) the receipt quantity displays in the various pertinent units of measure. In addition, the receipt line amount and the purchase order schedule amount display. In Release 9.1, we plan to ***improve the visibility into additional information for quick reference*** without forcing you to drill into the details by displaying the purchase order schedule quantity, total receipt quantity, purchase order schedule open quantity, total receipt amount, and purchase order schedule open amount as well.

In Release 9.1 we also plan to provide the ability to ***view and access comment attachments*** on the receiving and return to vendor inquiry pages, saving users from having to drill down to the transactional component.

PeopleSoft Purchasing return to vendor processing requires a multi-step approach, incorporating both on-line and batch processes, to perform several of the key procurement business functions. In Release 9.1, we plan to ***streamline the RTV Express and Fulfillment processing for inventory-related transactions***. This will help customers execute tasks more efficiently, reduce the number of failure points in the process, and provide more real time access to data. Users will have the option to automatically issue (if the RTV disposition is Ship) or automatically adjust (if the RTV Disposition is Destroy) inventory when creating a return to vendor. This provides an inventory reduction option for customers having simplified return to vendor procedures and would not require multiple steps from the user.

New Functionality

In PeopleSoft Purchasing 9.1, you can enter the tracking number assigned to the shipment in which the material arrived. This progressive number appears by default from the receipt header as shown in this example:

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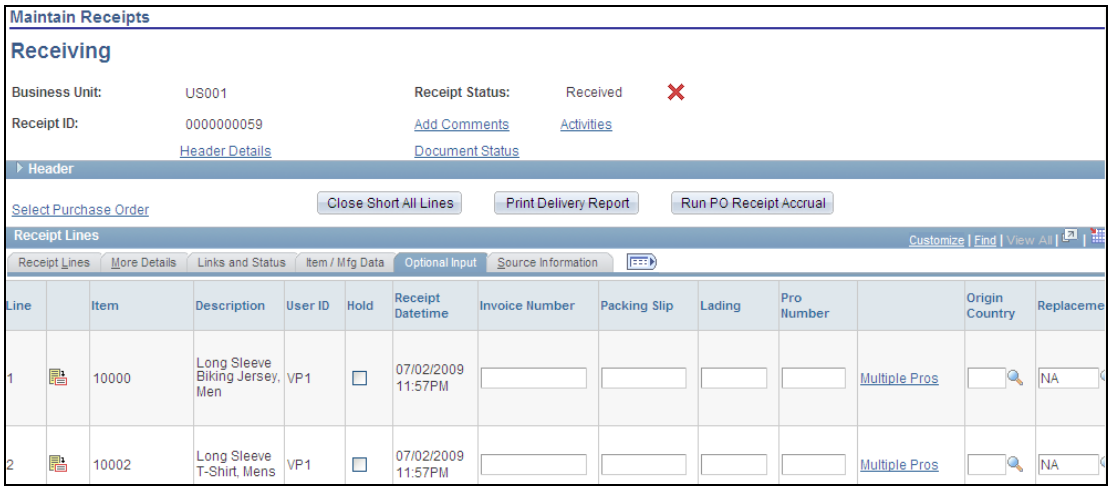

Receiving page: Optional Input tab

If multiple progressive numbers exist for this receipt line, then you cannot change the value in the field. Click the Multiple Pros link to access the Maintain Receipts-PRO Numbers page where you can change the numbers. This example shows the page:

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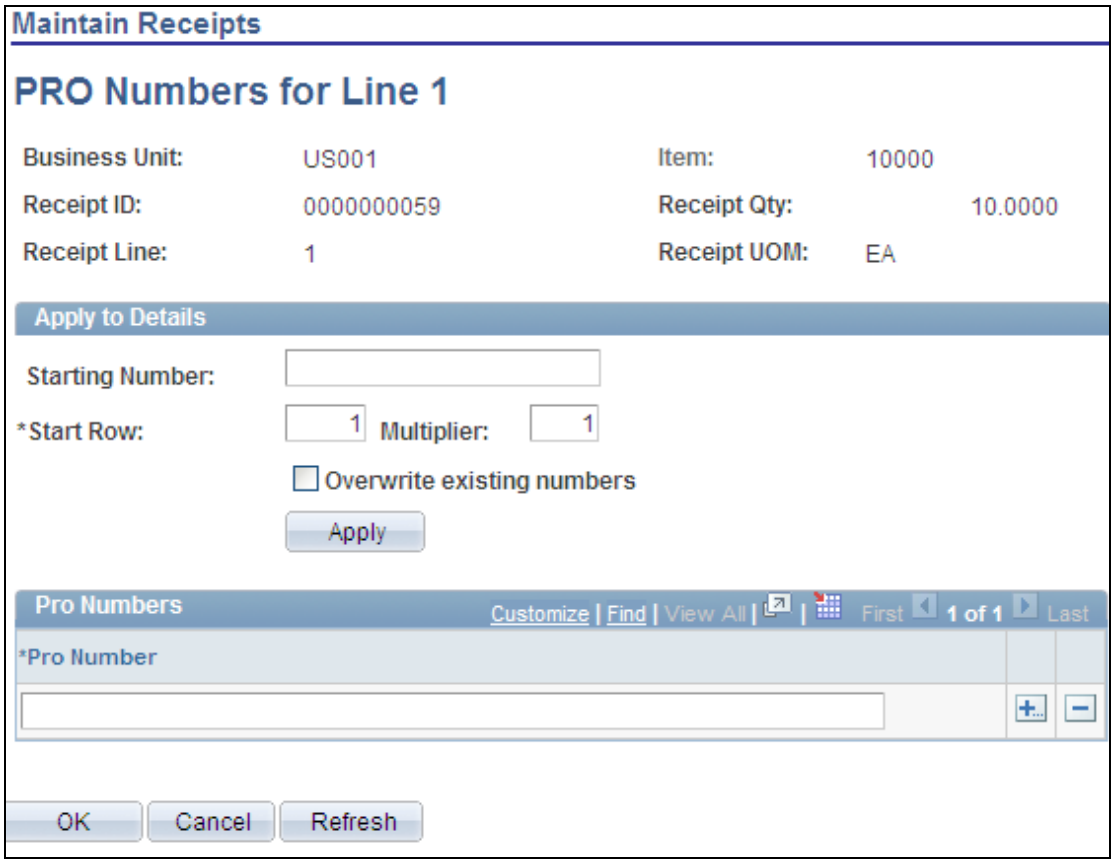

Maintain Receipts-PRO Numbers page

You can enter a starting value for progressive numbers. The system assigns this value to the progressive number row that you specify in the Start Row field. When you click the Apply button, the system applies the values that you define to the rows in the Pro Numbers grid box.

The Business Unit Option page has been updated to support streamlined vendor returns in PeopleSoft Purchasing 9.1. The RTV Dispatch Option, RTV Inventory Ship Option, RTV Inventory Destroy Option, and Notify Inventory Manager fields have been added as they appear in this example:

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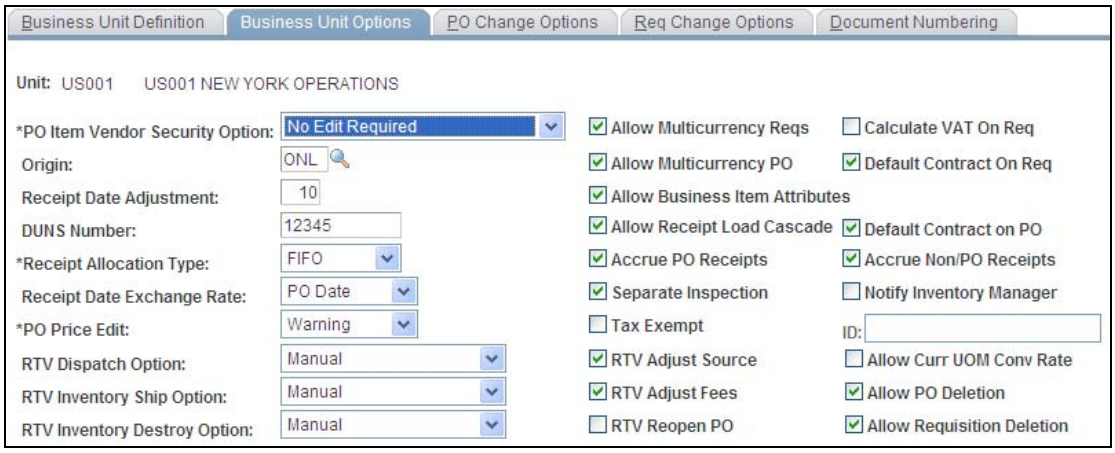

Business Unit Options page

You will use the RTV Inventory Ship Option field to select the value that you want to use as this business unit's default value for the Inventory Process field on the RTV line. Values include:

- Manual to indicate that the RTV ship transaction must be completed manually.
- Express to use the RTV express option to process purchasing and inventory data collection transactions at the same time.
- Fulfillment to set the user's preference to perform Inventory fulfillment processing for RTV transactions.

You will use the Notify Inventory Manager check box to notify the inventory manager that goods are ready to be shipped back to the vendor. The system generates an email notification to the manager when the Disposition field is set to Ship or Destroy Inventory RTVs and the Inventory Process is Manual.

User preferences were updated for procurement users. You will define user preference options for RTV Streamline processing on the Procurement - Receiver Setup page. This example shows the updated RTV user preferences for the page:

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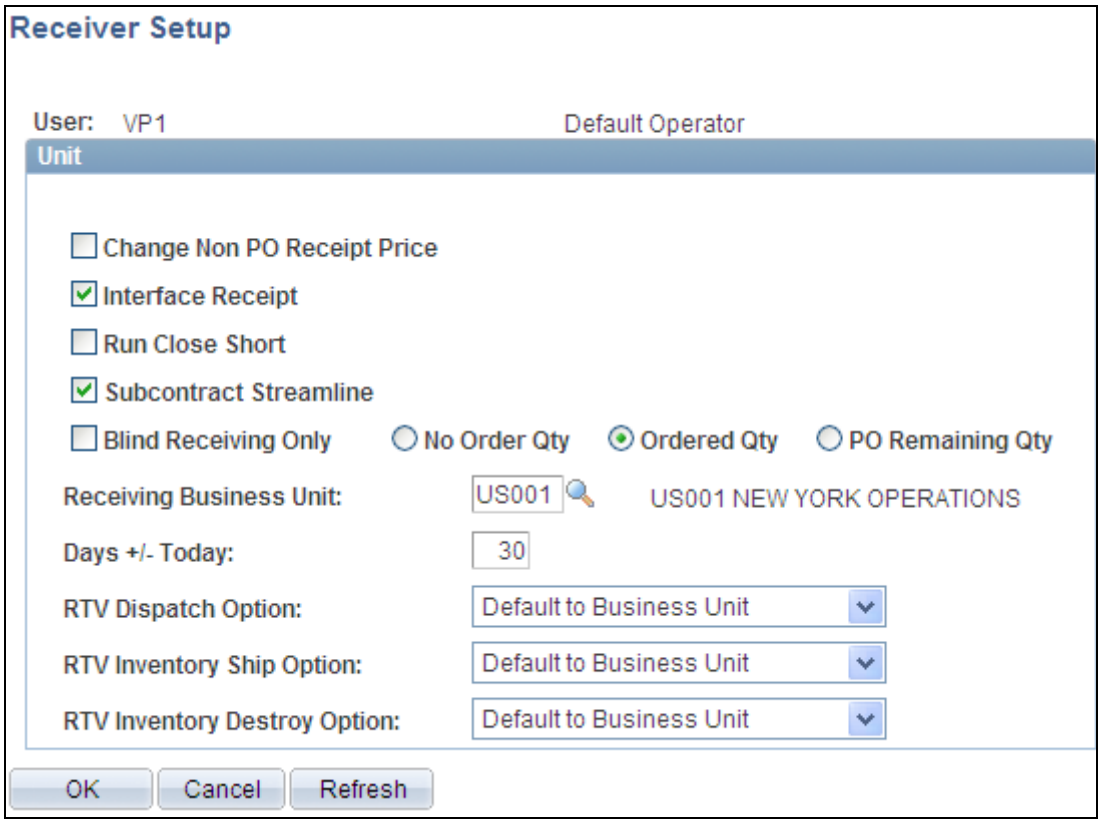
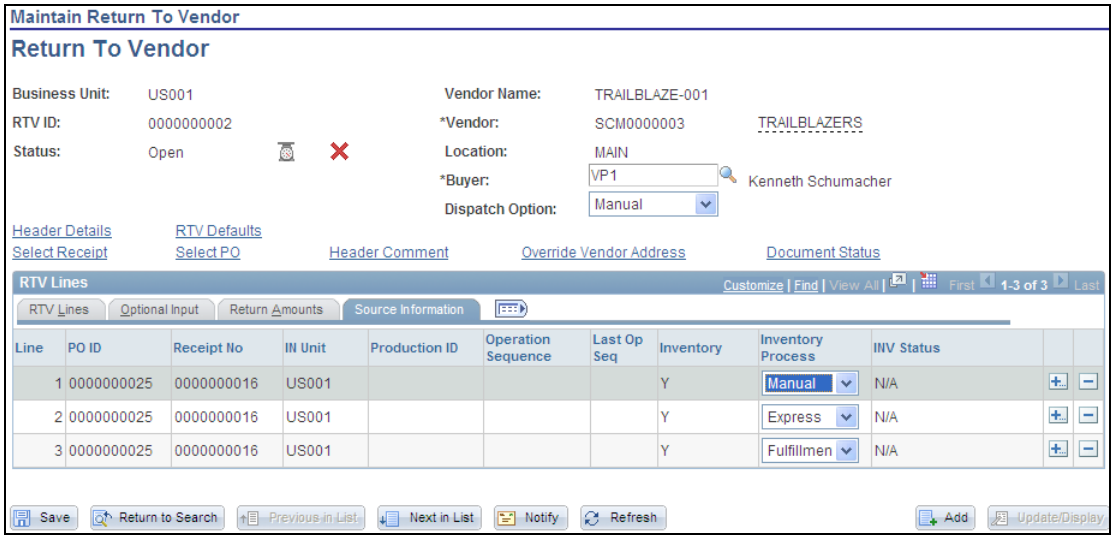


Receiver Setup page

You will use the Return To Vendor page to define the Inventory process by which you want to process a return to vendor item. This example illustrates how the Source Information tab will look on the page with the Inventory Process field:



Return to Vendor page

You will select the inventory process by which you want to issue or adjust inventory for a RTV line. Inventory process values include:

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- Manual - You can either use the Inventory Express Issue component to issue inventory returns that are being shipped to the vendor or the Inventory Adjustment component to adjust balances for inventory returns that are to be destroyed.
- Express – You can perform RTV Streamline processing for this RTV line. When you use express processing, the system initiates the PeopleSoft Inventory issue (automatic issue) or adjustment (automatic adjustment) when you create data-collection transactions.
- Fulfillment - You can perform RTV fulfillment processing for this RTV line. This enables you to stage RTV fulfillment processing requests for the PeopleSoft Inventory functionality to process and deplete return quantities. When you use fulfillment processing, the system creates and saves a material stock request transaction in Inventory when you dispatch the RTV.
- Re-Send - You can send this transaction to PeopleSoft Inventory again. This value is only available when the Inventory status value is Processing.

PO Rollover Enhancements

With PeopleSoft Release 9.1, we plan to include several ***PO Rollover enhancements*** to streamline the year-end budget rollover process for organizations that use Commitment Control.

When determining which purchase orders to roll, users requested the ability to select based on the existence or lack of existence of particular ChartField range or list. For example users might want to include only those purchase orders where the department ChartField falls with in a specified range, or they may want to exclude purchase orders where the project ChartField is populated. In Purchasing Release 9.1, we plan to supply extended ***PO Rollover selection criteria*** that includes the use of operation qualifiers and range of values to enhance flexibility.

Because of the complexity of the purchase order and its interdependence with PeopleSoft Payables, Receiving and Commitment Control, many business rules exist that require the purchase order to be in a pristine state before being eligible to roll. Purchase orders that are not pristine, when selected into the Purchase Order Workbench, are identified as not qualified, and the user can drill down to identify the reason. Identifying the exceptions so that they can be resolved across a large data set is an arduous task. As a solution, in Release 9.1 we plan to provide a new ***PO Rollover Exception Report*** that can be used to manage the list of exceptions.

When they are in the PO Rollover Workbench, users will be able to identify any purchase orders that they do not want to roll, and filter these purchase orders out in future iterations of the POROLLVIEW process. A new ***Hold from Roll action*** is planned for the workbench. A new Hold from Roll checkbox on the PO Rollover Workbench will filter these purchase orders from the PO Rollover process.

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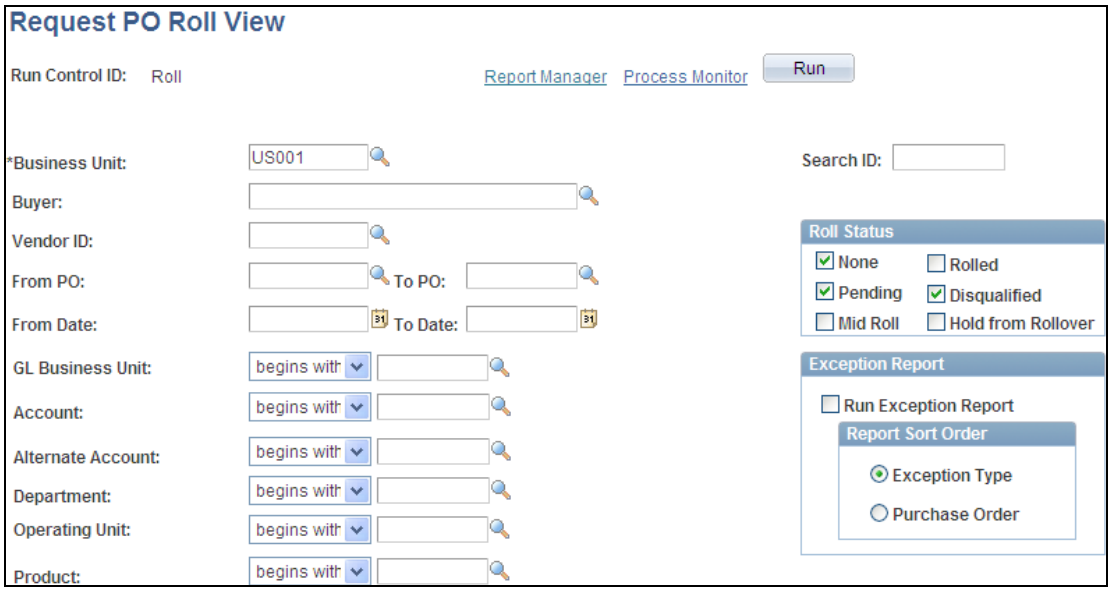
New Functionality

Purchase order rollovers occur when you make mass updates that enable you to extend the accounting life cycle of purchase orders to match the operational life cycle. For PeopleSoft Purchasing 9.1 the PO Rollover feature has been updated to hold purchase orders from rollover. This example shows the selections you make to hold purchase orders from rolling over:



Request PO Roll View partial page

The PO Rollover View page will enable you to limit the information contained in a data set. You use the page to define selection criteria for the PO_POROLLVW process. Along with limiting basic information, such as a business unit, a buyer, or a purchase order, you can limit the data set to ChartField values. For example, you can limit the data set to a specific ChartField or a range of ChartFields.

You will use the Hold from Rollover check box to hold the selected purchase orders from rolling over when you know that the order requires additional work. For purchase orders to be eligible to set to Hold from Rollover, they should be in a roll status of None or Pending. You can also use the Exception Report grid to indicate that you want to run the PO Rollover Exceptions report and to define the sort method for the report.

As part of the PO Rollover Workbench, another enhancement for Release 9.1 is that you will be able to identify purchase orders that will not be rolled so that you can filter these out in future iterations of the POROLLVIEW process. The next example shows the Hold From Rollover button:

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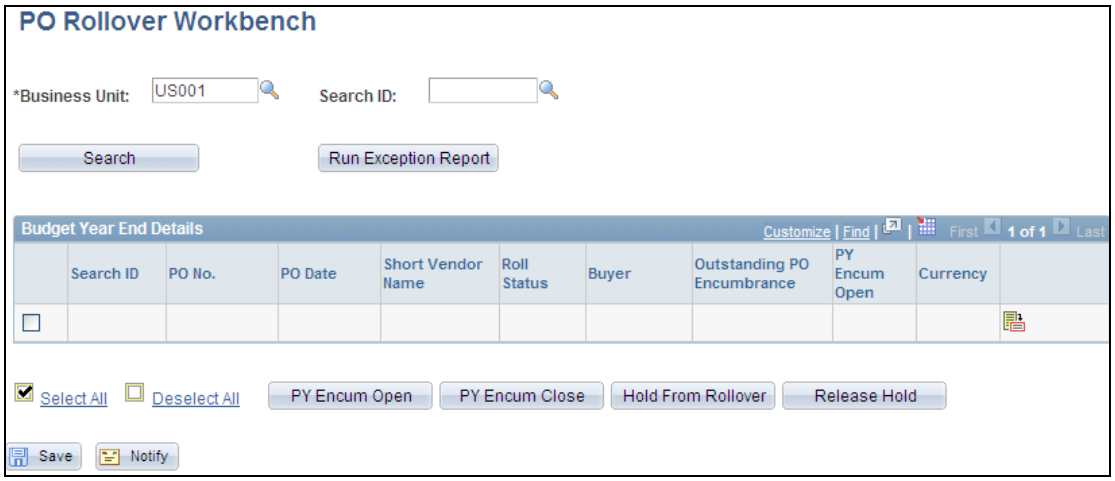


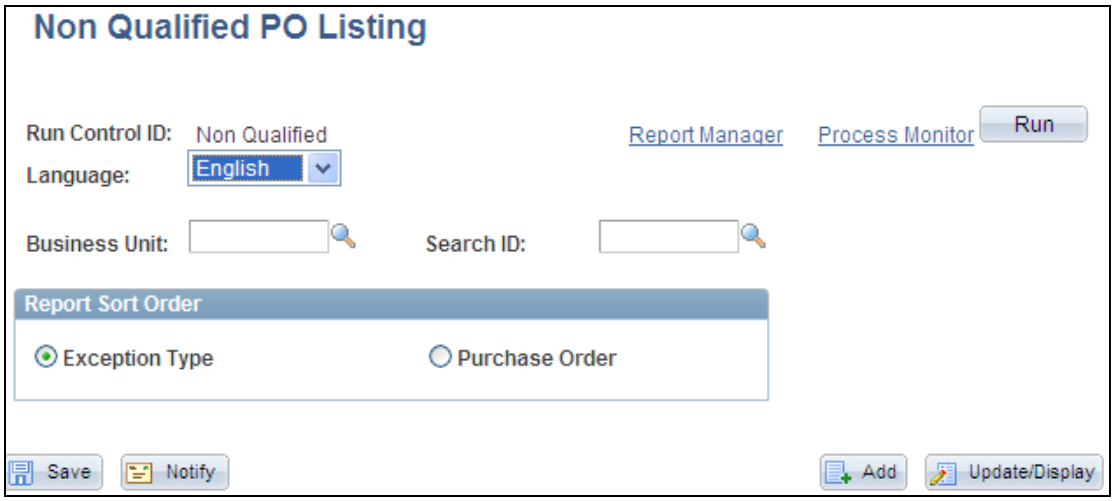
PO Rollover Workbench page

You will click the Hold From Rollover button to hold the selected purchase orders from rolling over. Purchase orders eligible to be set to Hold From Rollover should be have a roll status of None or Pending. After you click the button, the system places the selected purchase orders in a Hold status.

In addition to the Hold From Rollover button, the workbench displays the encumbrance balance when commitment control is installed. When you create a purchase order, commitment control will liquidate the pre-encumbrance balance from the requisition and establishes an outstanding encumbrance for the purchase order.

Click the PY Encum Open button to keep the prior year remaining encumbrances open for the selected purchase orders. Click the PY Encum Close button to close the prior year remaining encumbrances for the selected purchase orders.

Also as part of PeopleSoft Purchasing 9.1, you will be able to run the PO Rollover Exceptions report. The next example shows the Non Qualified PO Listing page used to create the report:



Non Qualified PO Listing page

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The report will provide the nonqualified purchase orders and their associated documents. To populate the tables that produce the report, you will need to run the PO Rollover View process to create a data set on which to run the report. The report will also be available as an XML Publisher report.

You can sort the PO Rollover Exceptions report by exception type. Exception types are the kinds of errors that prevent purchase orders from rolling over. An example of an exception type is when a budget status on the purchase order is not valid.

Global Enhancements

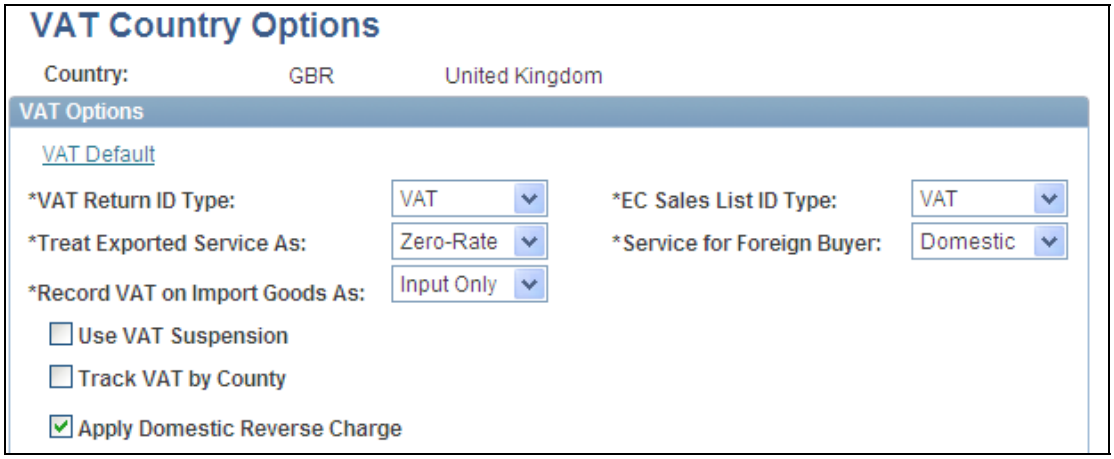
To address Missing Trader Intra-Community (MTIC) Fund Fraud, HM Revenue and Customs (HMRC) in the United Kingdom is introducing the Reverse Charge VAT procedure on specified categories of goods being traded between businesses. Under this procedure, the purchaser of the goods, rather than the seller, will be liable to account for the VAT on the sale. The supplier will not charge VAT but will have to specify on the sales invoice that the reverse charge applies and state the amount of VAT that would have been accounted for.

If the purchaser has correctly accounted for the VAT under the reverse charge procedure, she will retain the right to input tax recovery, subject to the normal VAT rules. In PeopleSoft Purchasing 9.1, we plan to introduce a ***VAT Reverse Charge setting on requisitions, purchase orders, vendor rebates, and procurement cards*** that enables the system to recognize those transactions to which the new rules apply.

New Functionality

For Release 9.1, when a country requires the use of the domestic reverse charge provision, you can select to indicate that the goods on transaction lines associated with the VAT driver are domestic reverse charge goods. The Domestic Reverse Charge fields will only appear on Purchasing 9.1 pages after you define the settings that are appropriate for the VAT country and item VAT defaults.

This example shows the Apply Domestic Reverse Charge check box that you will use to define VAT country options:



VAT Country Options page

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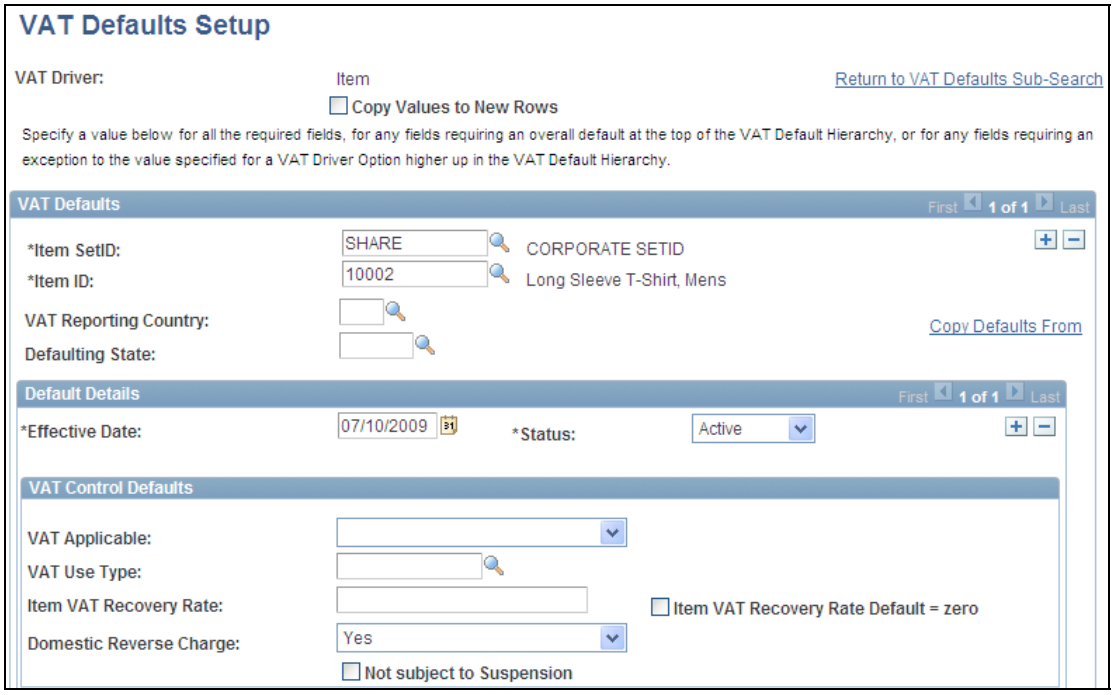
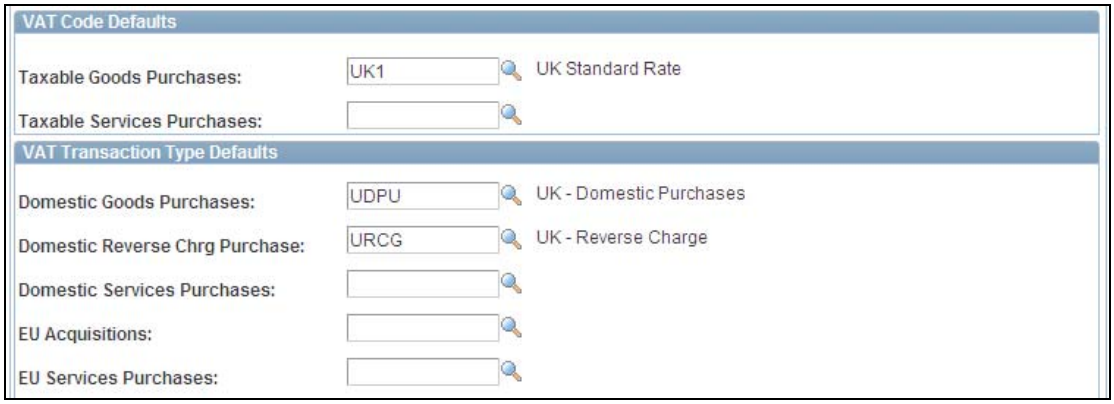
You will use the Vat Defaults Setup page in the Common Definitions setup component to define that a reverse charge is applicable for an item. The new field appears in this example:



VAT Defaults Setup page (1 of 2)



VAT Defaults Setup page (2 of 2)

In PeopleSoft Purchasing 9.1, for procurement transactions, VAT defaulting will set the VAT Treatment Domestic Reverse Charge Goods, Record Output VAT settings on the VAT Information for Schedule page. This will enable the VAT amount for the reverse charge goods to be self-assessed. The next examples show the page:

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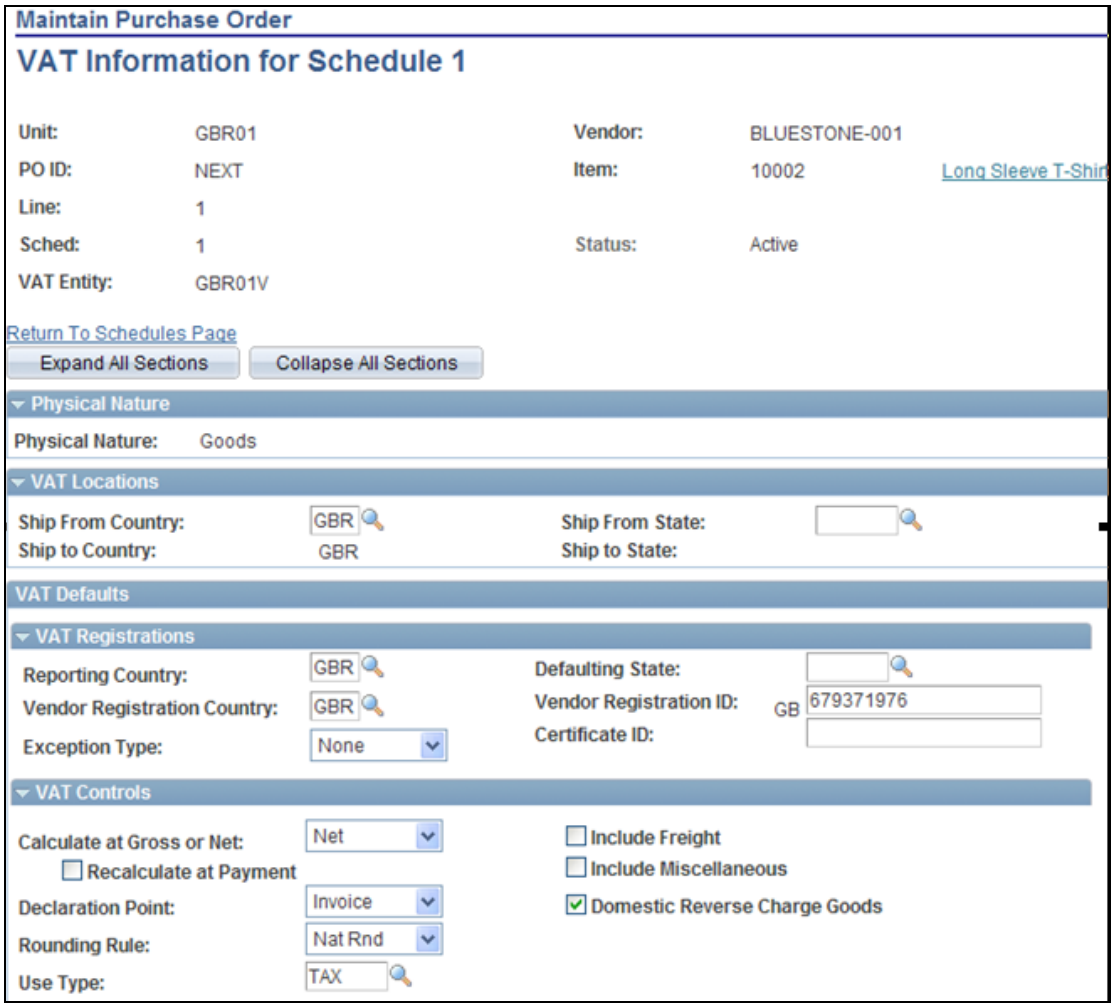
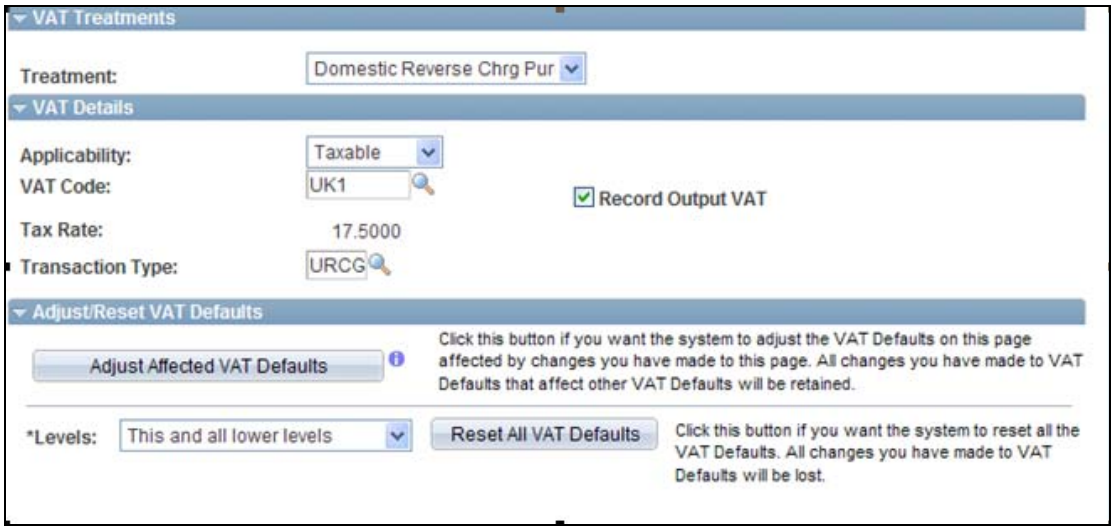


VAT Information for Schedule page (1 of 2)



VAT Information for Schedule page (2 of 2)

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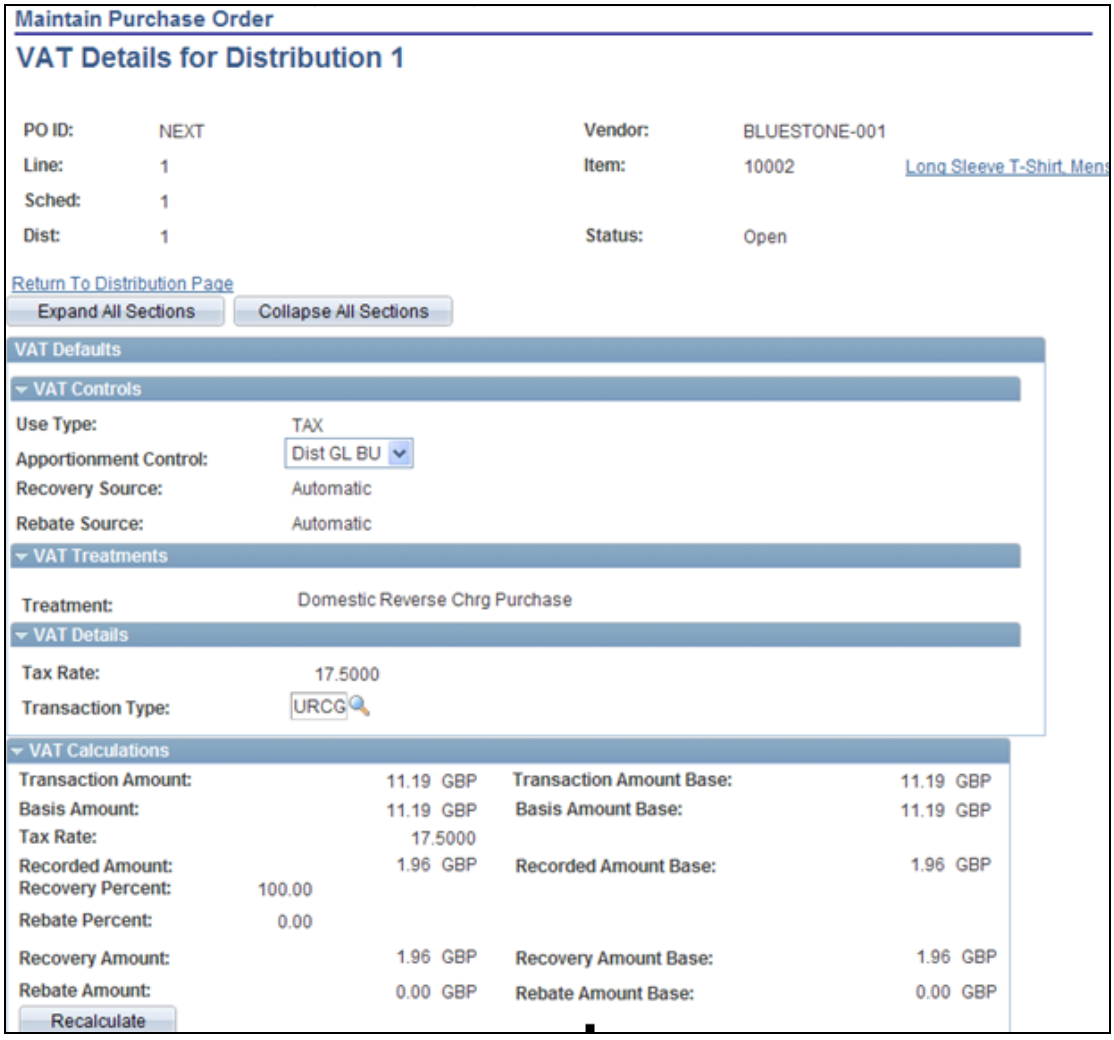
The next example illustrates the VAT Details for Distribution page where you can view VAT details for a distribution line:



VAT Details for Distribution page

In addition to the recovery percentage and amount that appears on the VAT Details for Distribution page, the page also now indicates that the Domestic Reverse Charge Purchase treatment has been applied.

ChartField Security

With the PeopleSoft Release 9.1 ChartField security enhancement, we plan to provide a ***flexible mechanism for configuring and maintaining data level security***. ChartField security restricts user access to online transactions containing unauthorized ChartField value, access to accounting data containing unauthorized ChartField values in the Inquiry components, and access to unauthorized ChartField values during data entry. ChartField security restricts user access to sensitive or unauthorized transactions. Security is based on the selection of two ChartFields of your choice by which to control access to transactions. Users will be able to select Project ID as one of the two ChartFields.

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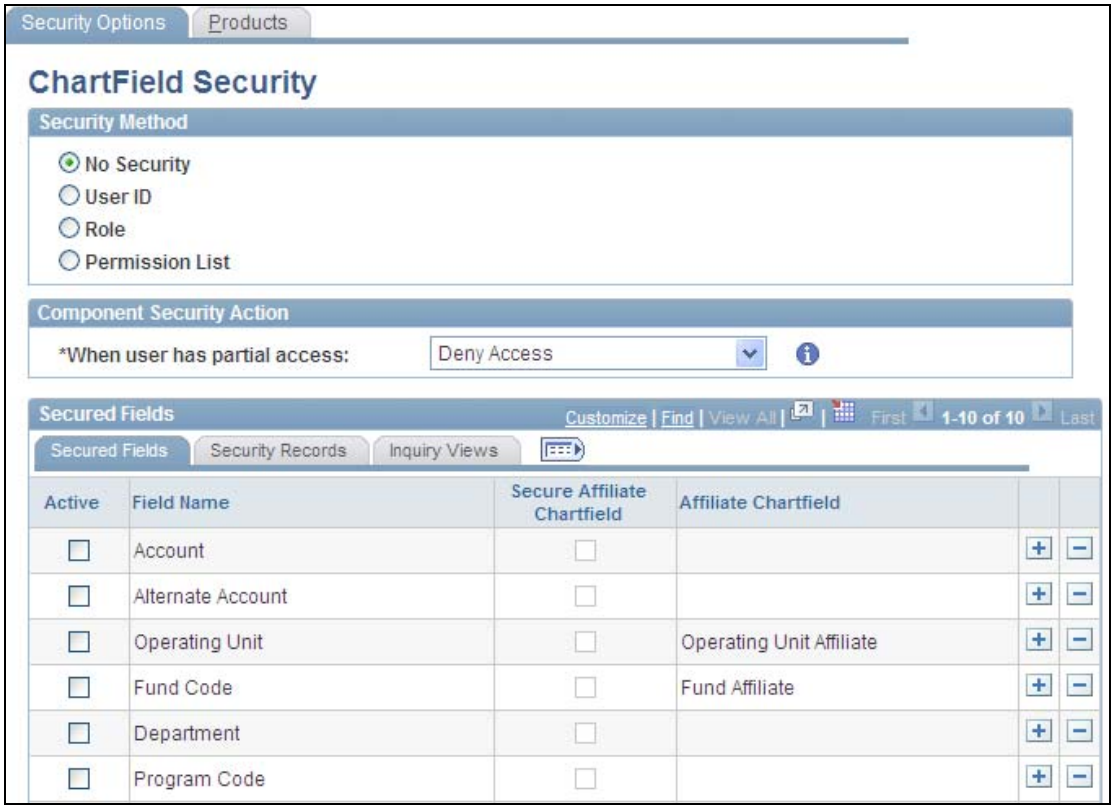
ChartField security will be available for PeopleSoft Purchasing transactional and inquiry pages. Organizations can enable ChartField security for pages where data entry security is critical but allow open access to other features. For example, you may want to allow an administrative assistant to enter requisitions for several departments but only have access to their own department's spending.

New Functionality

To facilitate ChartField Security functionality in Release 9.1, we will deliver PeopleSoft Purchasing with components that are already set up for use with ChartField security. You can deactivate the settings, modify the settings, or add security for components. PeopleSoft Purchasing 9.1 enables you to secure specific accounts to prevent unauthorized users from viewing or editing financial information.

You setup ChartField security using the Set Up Financials/Supply Chain component. The selections that you make on the Security Options page determine the ChartField security method, secured fields, and records. The example shows the Chartfield Security Options page:



Security Options page

You will use the Products tab to select to include the Purchase product for ChartField security. You can define ChartField security for PeopleSoft Purchasing inquiry and transaction pages.

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The system provides a basic message when a user attempts to access a page or component for which they don't have authority. Message content is based on the type of security that is applied to a ChartField, For Release 9.1, the PeopleSoft Purchasing actions for which ChartField security is available include:

- Contract entry and release.
- Purchase order entry, inquiries, and workbench.
- Requisition entry, inquiries, and workbench.
- Distributions maintenance.
- Receipts.

Services Procurement 9.1

PeopleSoft Enterprise Services Procurement provides control and oversight over both resource-based and deliverables-based services. Resource-based services consist of standard contingent labor reporting time against an agreed-to rate. Deliverables-based services are requests for a project or assignment rather than an for individual person to perform a project. They are typically paid on a milestone basis as different components of the project are delivered.

Multi-Resource Services

As the market for services procurement becomes more sophisticated, the need for managing more types of services becomes greater. To better manage complex work in PeopleSoft Services Procurement, Release 9.1 plans to introduce a new type of service method to manage multi-resource services. This new service method combines the capabilities of the existing resource and deliverable service methods, providing a hierarchical relationship between a fixed amount parent level service and multiple resource services at a child level.

New capabilities allow multiple unique service providers to be sourced to individual work orders, filling all the required services for a multiple assignment engagement. These multiple unique service providers report time against individual work orders for maximum tracking and visibility, but all consumption is subject to the overall amount designated at the parent level for maximum control.

For example, your organization is working on a small IT development project that requires three service providers for a total cost of 100,000 USD. Within PeopleSoft Services Procurement, you can request, source, and invoice the three services providers against one not-to-exceed amount of 100,000 USD. This capability gives organizations ability to easily track and report time, expenses, and performance of all service providers against one overall total.

In PeopleSoft Services Procurement Release 9.1, we plan to provide enhancements across the business process to support ***multi-resource services***. This includes fiscal approval for both requisitions and work orders based on the top-line fixed-price amount, separate approval of each individual chosen to fill a child work order, and the completion of logistical tasks at both the parent and unique service provider level.

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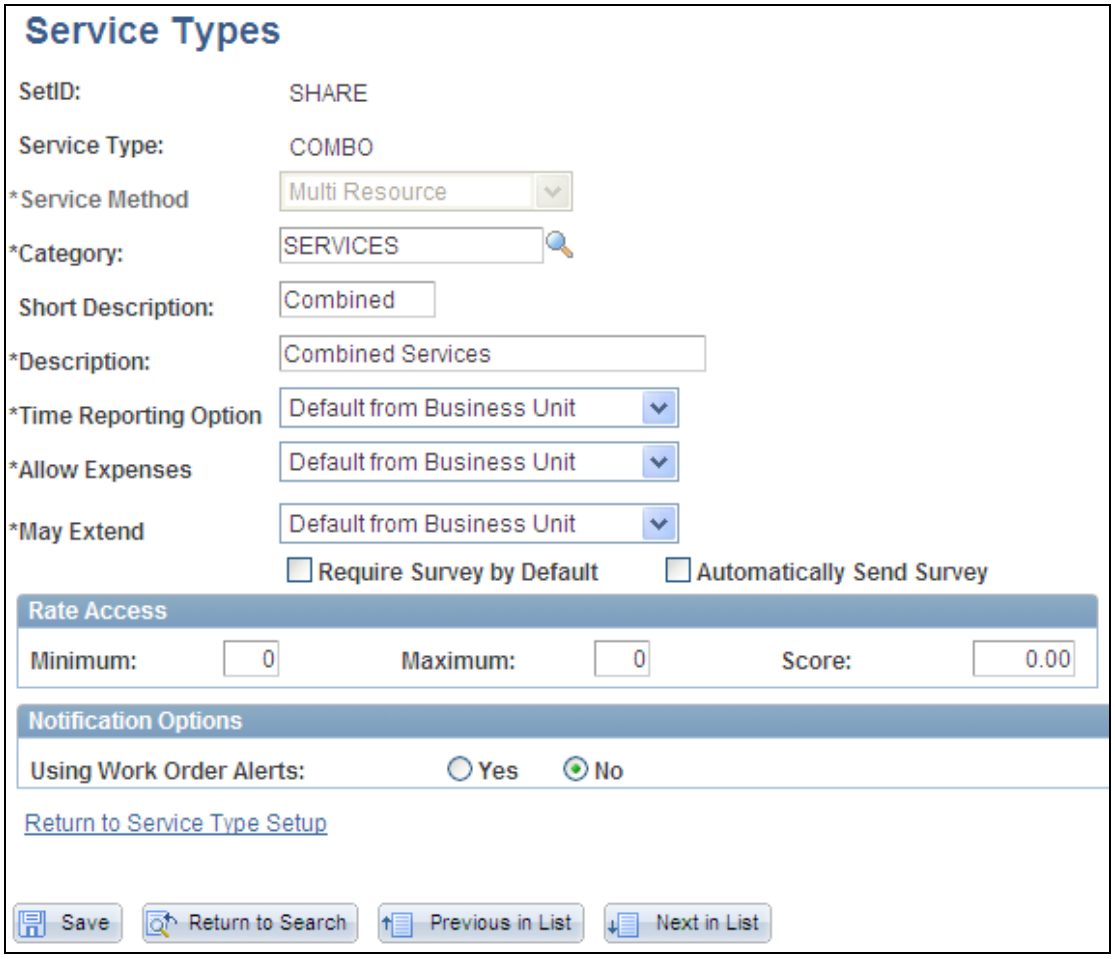
New Functionality

In PeopleSoft Services Procurement Release 9.1, multi-resource services will support a grouping of multiple unique services and service providers for Services Procurement transactions. Each individual service represents a part of the overall multi-resource service. The overall amount for a service or set of services is independent of the number of service providers associated with the service.

In previous releases, Services Procurement provided resource-based and deliverable-based service methods. For Release 9.1, a new multi-service method will be provided that you can use to create a service type for a more complex type of transaction. When you create a service type, the new value will be available in the Service Method field as shown in this example:



Service Types page with the new Multi Resource service type

Setup requirements for multi-resource services will include defining suppliers as multi-resource suppliers. This example illustrates how you will define suppliers for use with the Release 9.1 multi-resource feature:

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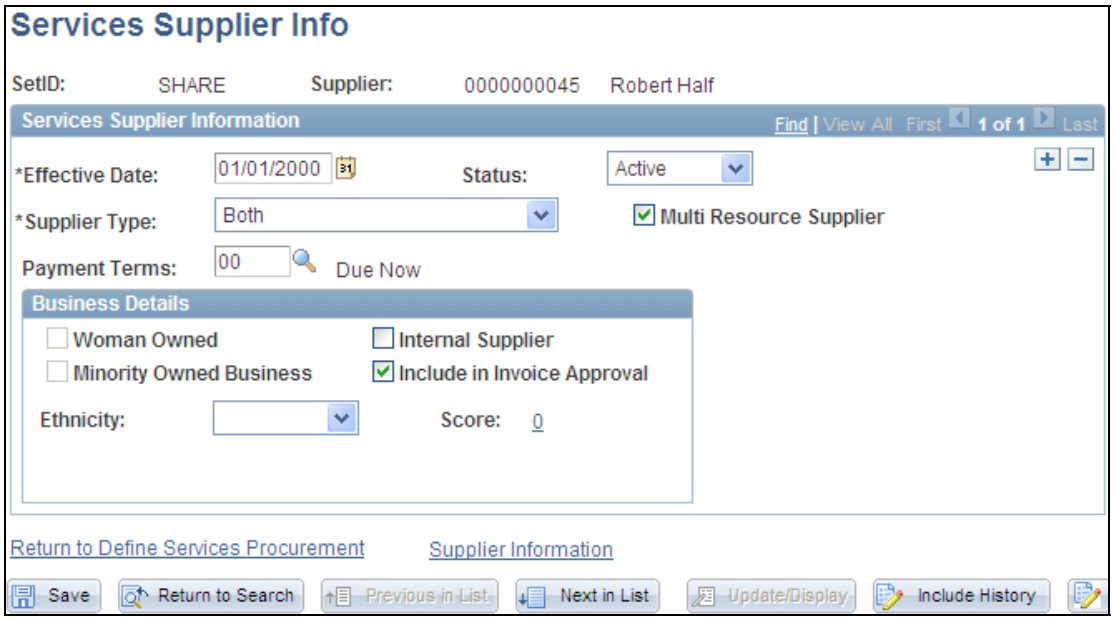

Services Supplier Info page

You will select the Multi Resource Supplier check box to indicate that this supplier will be included for multi-resource transactions. These transactions support multiple, unique services and service providers for Services Procurement.

Also, as part of the setup, you will be able to define default values for use with multi-resource services. You will use the Service (Project Role) Setup component to access the Assign Individual Services to Multi-Resource Service page shown in this example:

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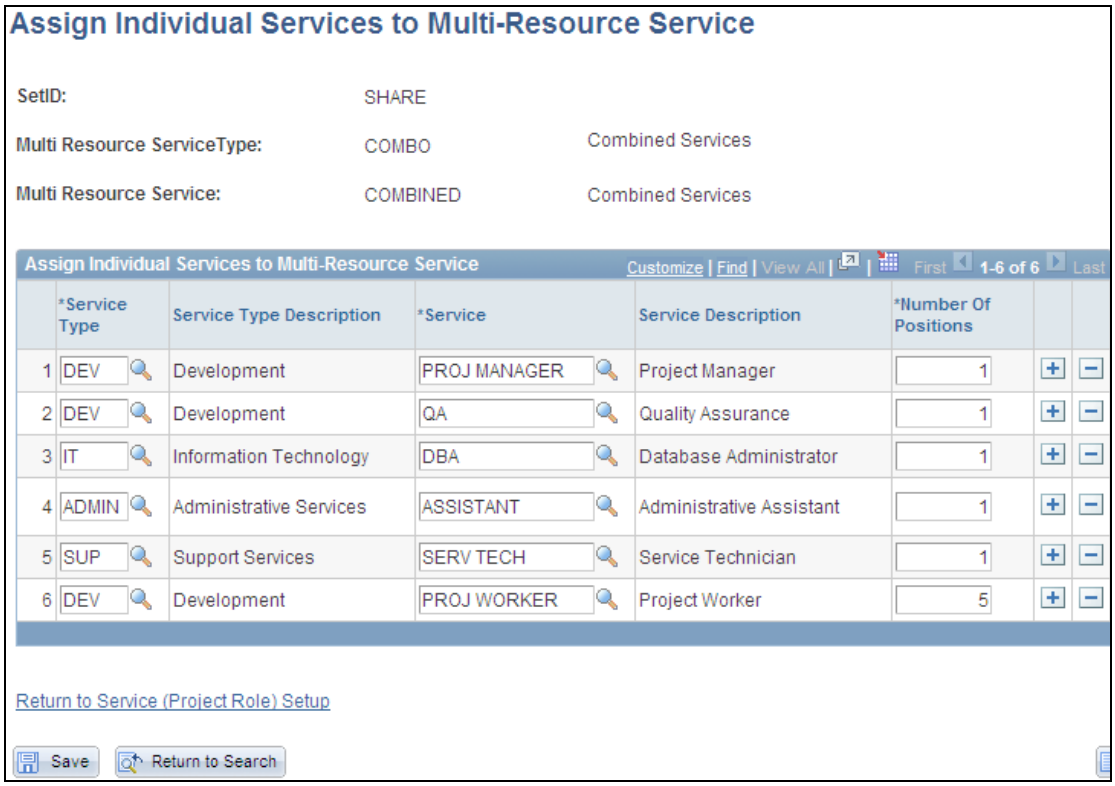

Assign Individual Services to Multi-Resource Service page

The header information on this page will display the multi-resource service type and service. The system will use information that you define as default values when you create requisitions and work orders. You can associate only resource-based service type/services to multi-resource service types/services.

Multi-resource requisition lines will support multiple unique services and service providers for PeopleSoft Services Procurement 9.1 transactions. The overall agreed upon amount for a service or set of services is independent of the number of service providers associated with the service. This example illustrates how you select the Multi Resource service method for use with a requisition:

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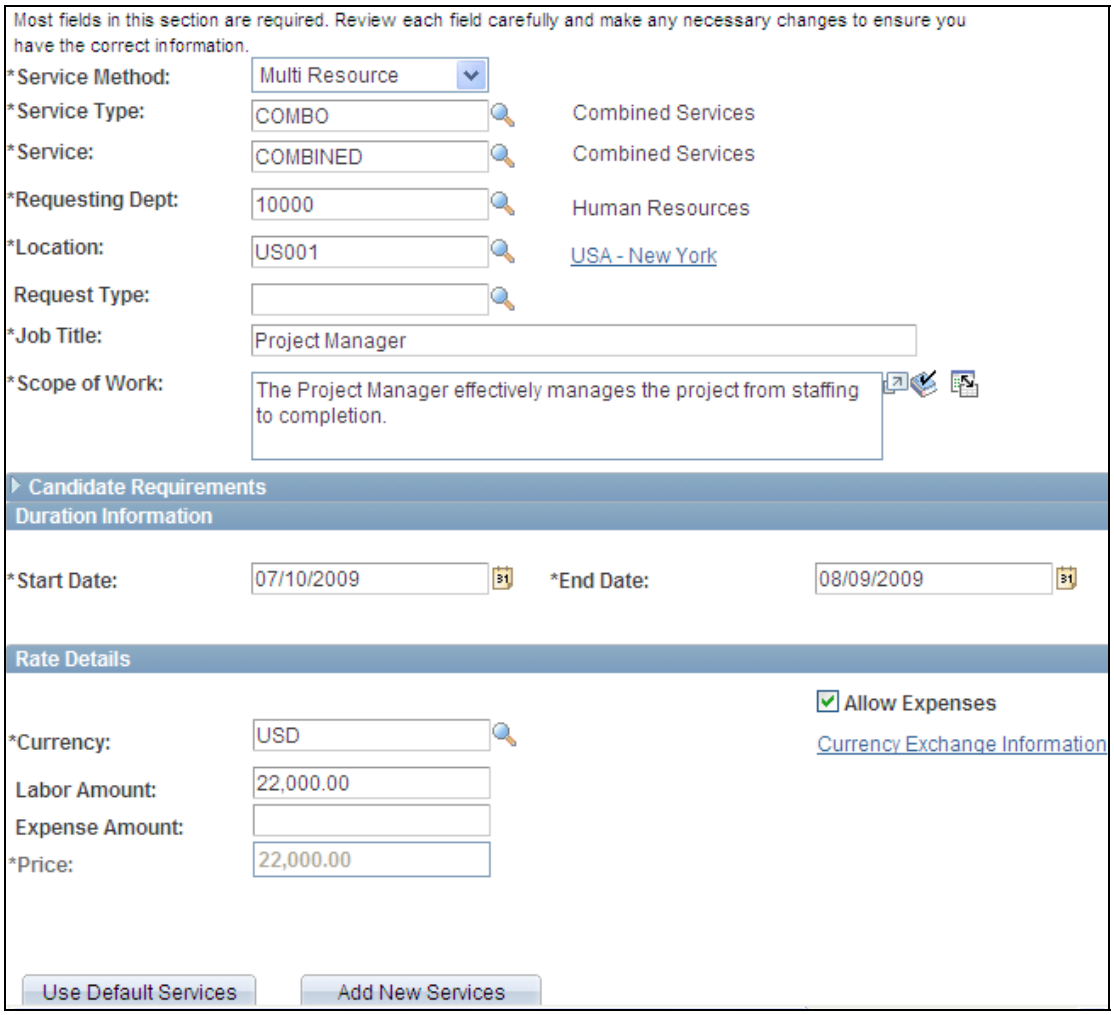

Create Requisition page with new Multi Resource service method selected

You use this page to define information for individual services related to a multi-resource service requisition or work order. The services identified here will then be automatically associated to a transaction for the specified multi-resource service.

As part of the multi-resource enhancement updates, the Manage Sourcing functionality has been updated to provide a single page that will become the central location for accessing and maintaining sourcing information for both requisitions and work orders. When you initially access the page, the system displays the Manage Requisition Sourcing tab. You will select the Manage Work Order Sourcing tab to view and access work orders for child services associated to a multi-resource service after the parent service has been filled. You can enter search criteria to limit the search results as illustrated in this example:

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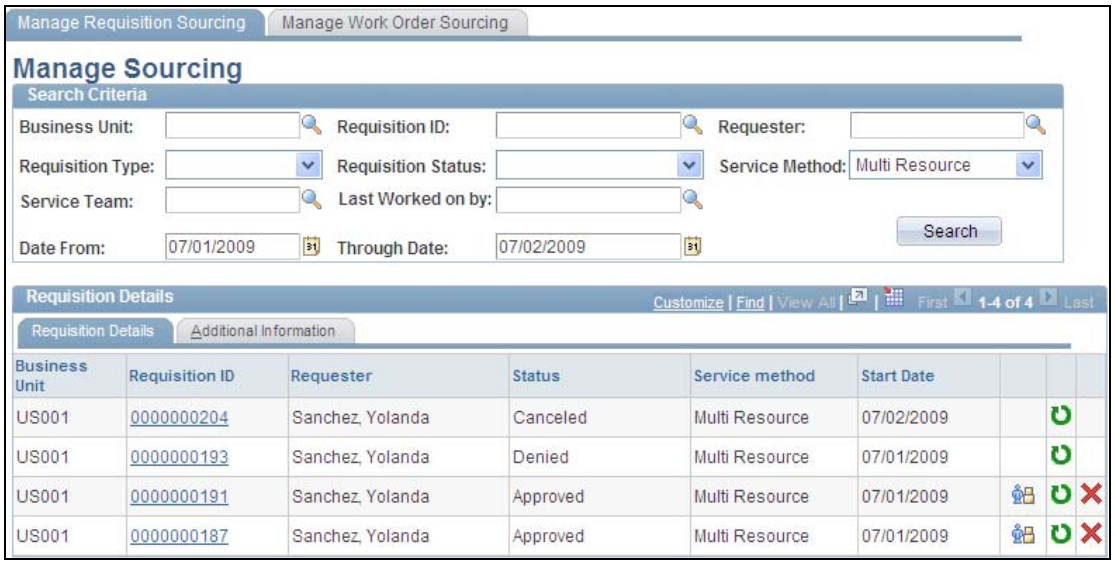

Manage Sourcing page for requisitions

The combination of the two functions in PeopleSoft Services Procurement 9.1 will enable you to better manage the maintenance and sourcing of requisitions and work orders. The previous example and the next example show the Service Method column with the new multi-resource requisition and work order:

Manage Work Order Sourcing page

In addition to updating work order management and sourcing, Release 9.1 also provides a new Service Summary tab on the work order for use with multi-resource work orders. When you create a top-line, multi-resource work order, you can access the lower-level service information by selecting the Service Summary tab. Header information on the Service Summary page provides basic details about the work order as shown in this example:

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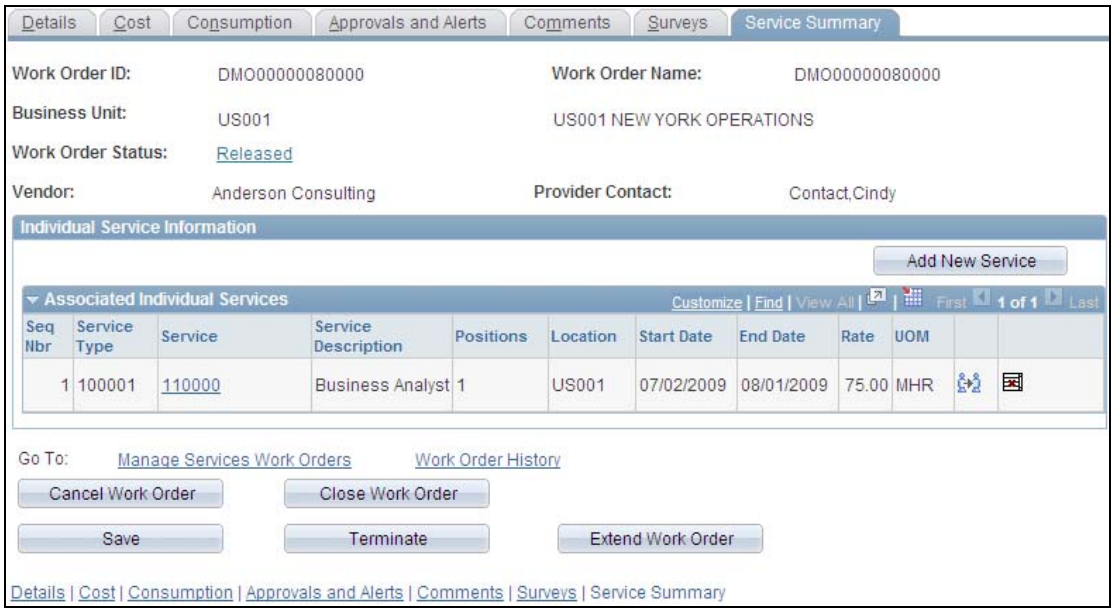

Service Summary page

You will click the Add New Service button to access the Identify Work Order Services page where you can add a lower-level service. The Associated Individual Services grid will display the lower-level work orders and enable the sourcing process on lower-level service work orders before you release the top-line work order.

Bid assessment and submittal have also been updated for Release 9.1 to include multi-resource requisition and work order bidding processes. You will use the Submit Bid and Multi Resource Submit Bid pages to submit bids that meet requisition and work order requirements. The Multi Resource Submit Bid page is shown next:

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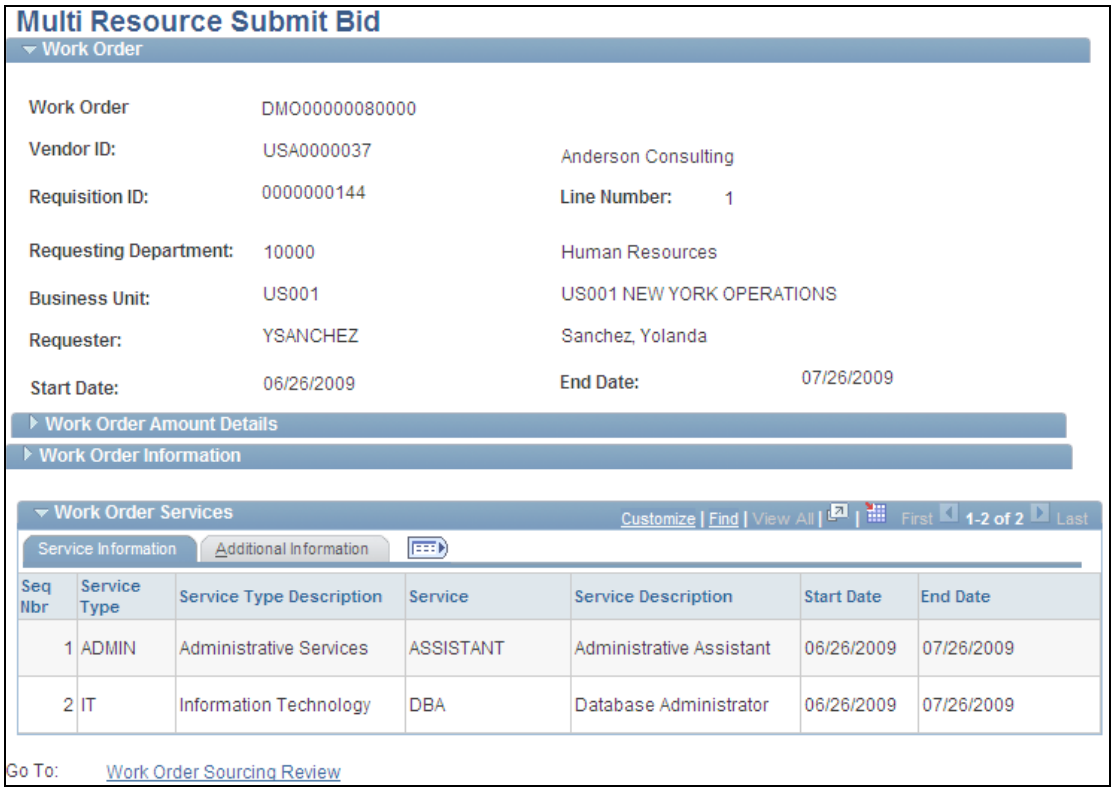

Multi Resource Submit Bid page

You will use this page to view individual services associated with a parent work order. If the work order was created from a requisition, the page displays the requisition with a top-line fixed amount for labor and expense. The individual work order services have been sourced to fill the requisition. You access the Submit Bid page by clicking the Submit Another Bid button. You use that page to submit a bid for an individual service on a work order.

Enhanced Requisition Change Requests

Requester requirements can change on a frequent basis, and requesters need the ability to manage changes in an easy and effective manner. To do so they need to be able to track requisition changes in the system, have these changes go through the appropriate approvals, and capture the reason for the changes.

In PeopleSoft Services Procurement Release 9.1, the new ***requisition change tracking*** functionality enables you to capture and track all header, line, and distribution changes made to Services Procurement requisitions. Change tracking will begin after the requisition is approved. Requesters and managers can view the audit trail of requisition changes at any time. Users can view the changes that were made, when the changes were made, and who made the changes.

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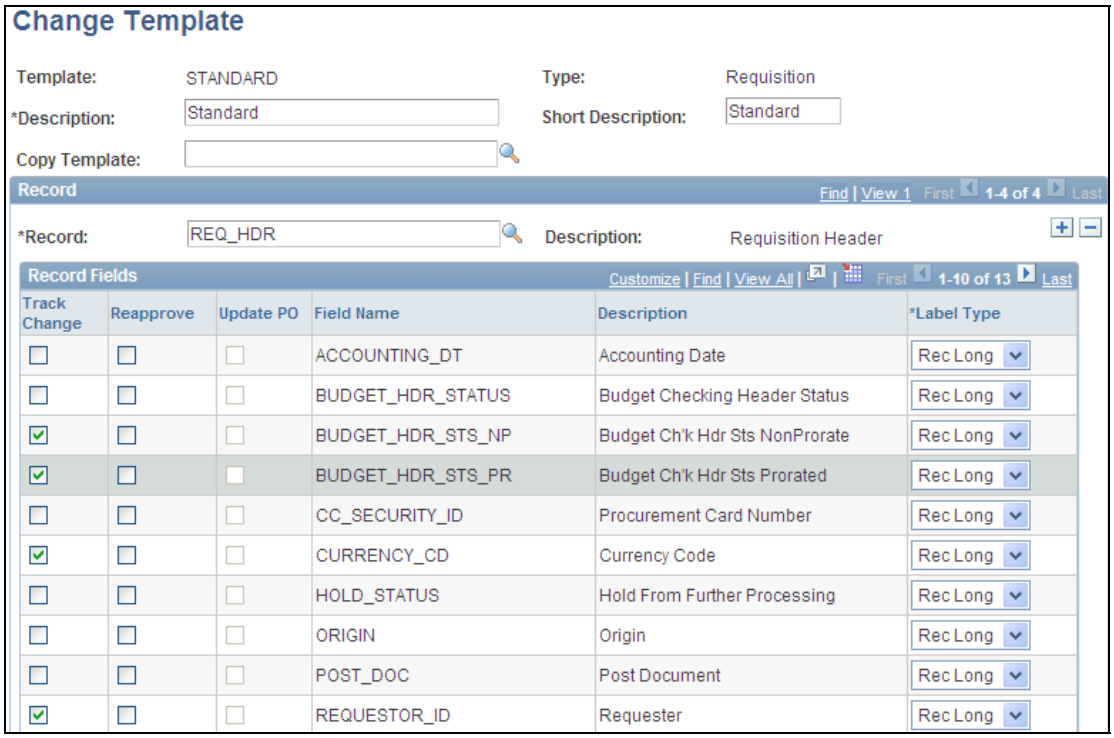
Organizations have another option for capturing the reason for a change by using ***change reason enhancement***, leveraging reason types for change tracking. As with existing reason types, it will be possible to optionally include free-form comments by the user, and reason codes can be configured by business unit as required, optional, or not used. Capturing a change reason will enable users to quickly identify on the change history inquiries why a change was needed. Common uses for analyzing change reasons include determining frequency of rate changes, determining whether a change should be approved, identifying the most common types of changes, and so on.

For PeopleSoft Services Procurement Release 9.1, we plan to provide organizations the flexibility to control which fields, when changed in a requisition, will trigger re-approval. Organizations can determine which header, line, and distribution fields, when changed, will initiate the Approval Framework for re-approval. For example, re-approval may be necessary for rate changes, but not required for changes to competencies.

New Functionality

To support change tracking, PeopleSoft Services Procurement Release 9.1 will provide a change template. You use the Change Template page to define fields against which you want to track changes. You can define change templates for requisitions, purchase orders, and contracts using the same template component. This example shows e requisition type template:



Change Template page

You use this page to select records and fields within the record to track for each type of template. Depending on the template type that you select, the system makes the appropriate records available for selection.

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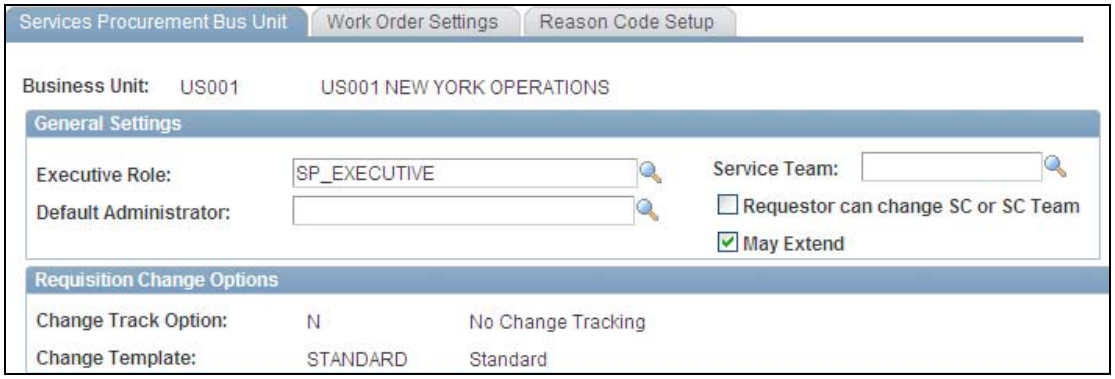
You will be able to control change tracking for requisitions for a PeopleSoft Services Procurement business unit by setting the Change Track Option field as shown in the next example:



Services Procurement Bus Unit page with requisition change option

When both PeopleSoft eProcurement and Services Procurement are installed, the settings on this page are based on the eProcurement set up. In this example, the change fields that appear in the Requisition Change Options grid are display-only fields. You can edit them using the eProcurement Business Unit page. If the system you are using does not have PeopleSoft eProcurement installed, you can edit the change fields using this page.

Requisition change options that will be available to indicate when the system should begin tracking changes include:

- When the requisition has been approved.
- When the budget check is in a Valid status.
- When the requisition has been sourced.
- Not to use change tracking.

When making changes to requisitions, you will also be able to define reasons for the change. You use reason codes to track why requesters, service coordinators, approvers, and service coordinators perform certain actions. Reason types correspond to transaction actions and reason codes indicate the reasons given for the action. You can add a reason code that provides more specific reasons for performing an action.

You will be able to assign a default change request reason code for requisition change requests. You will use the Reason Code Setup page shown in this example to define default reason codes and indicate if they are required:

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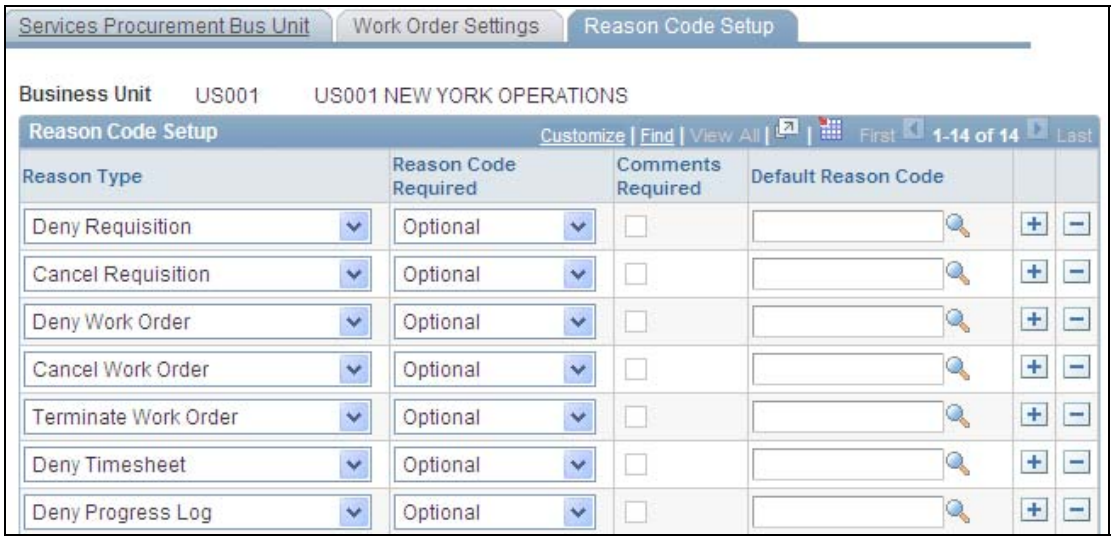
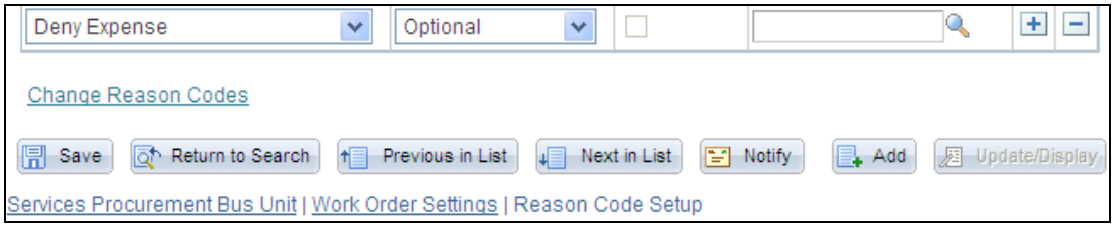


Reason Code Setup page (1 of 2)

You will use the page to define the use of reason codes at the business unit level. This includes making the code required when you use the associated reason type and requiring comments when a negative transaction occurs.

The new reason type appears on the Services Procurement Business Unit Reason Code Setup tab. To define a default code, click the Change Reason Code link at the bottom of the page to access the Purchasing Options page. This example shows the new link on the PeopleSoft Services Procurement Reason Code Setup page:



Reason Code Setup page (2 of 2)

After clicking the link, you can click the Change Reason Codes link to access the PeopleSoft Purchasing Procurement Change Reason Codes page. Use that page to select a change reason type and a default change reason code for the type. Then make the combination available for use with PeopleSoft Services Procurement.

As part of tracking changes, PeopleSoft Services Procurement 9.1 will provide a history of changes that have been made to requisitions. A new Change Tracking History option is added to the General Setup menu for easy access to the requisition change history. You can also access the history when viewing a requisition with tracked changes.

Requisition change history will be provided for header, line, and distribution levels. This example shows the change history of an expanded requisition line:

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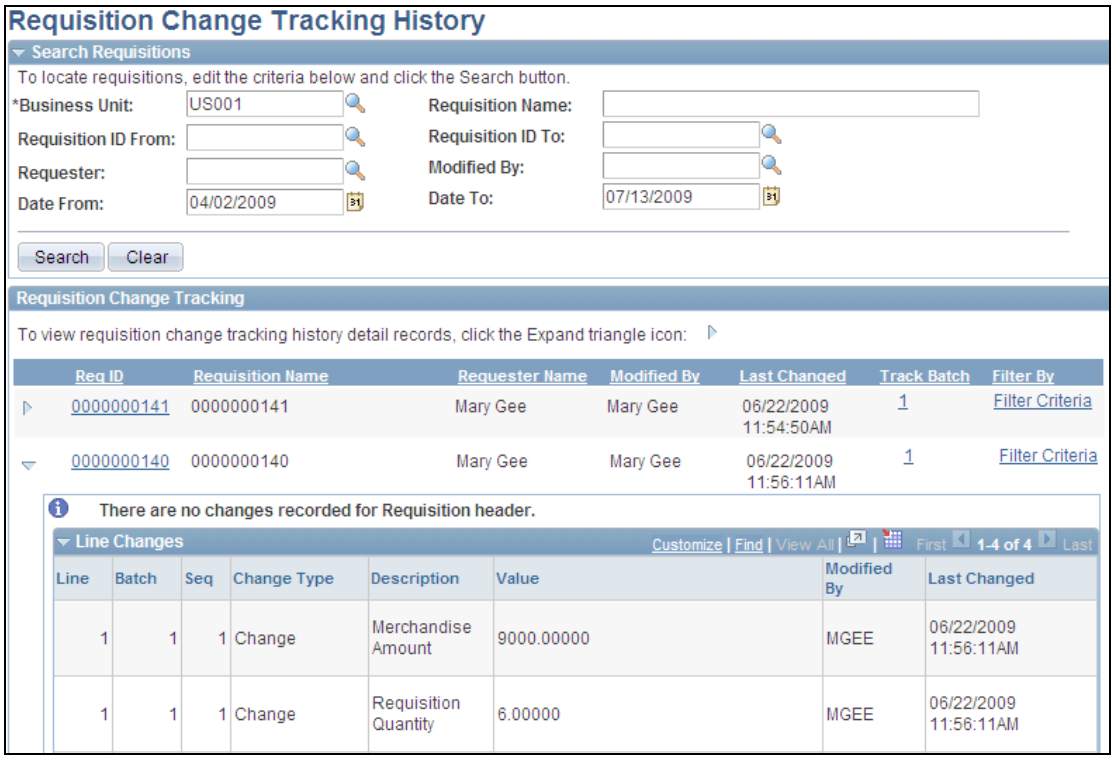

Requisition Change Tracking History page

The history shows all the changes tracked for the service requisition information sections including header changes, line changes, distribution changes, competencies, bid factors, and preferred supplier changes.

Expanded Use of Approval Framework

PeopleSoft Services Procurement enforces the policies required to maintain effective and cost efficient services procurement. One key mechanism is the robust, highly scalable and flexible Approval Framework which enables an organization to define and enforce approvals rules based on your organizational model and the types of services requested. This enables you to strike a balance between improved controls and streamlined processes.

Approval workflows vary widely by customer, business unit, transaction value, and so on. They are sensitive to role changes, have many exceptions to the norm, and—in general— vary widely, from one request to the next. Prior to Release 9.1, the Approval Workflow Engine (AWE) was available for the PeopleSoft Services Procurement requisition and work order transactions. In Release 9.1, we plan to ***expand the functionality to time, expenses, and progress logs***.

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A centralized way of approving and denying these documents will be provided, and we plan to provide flexibility in the way approval and denials are routed. Users will easily be able to see a graphical representation of workflow for all of these transactions. Approvers will be able to graphically display and view the approval workflow for a transaction. For the convenience of approvers, one central mass approval page will give approvers access to all pending transactions waiting approval, that use the PeopleSoft Approval Framework.

For organizations using line-level approval, in Release 9.1 we plan to introduce the ***ability to deny a line and have only one line be rerouted for approvals***, and not force the entire header to be rerouted.

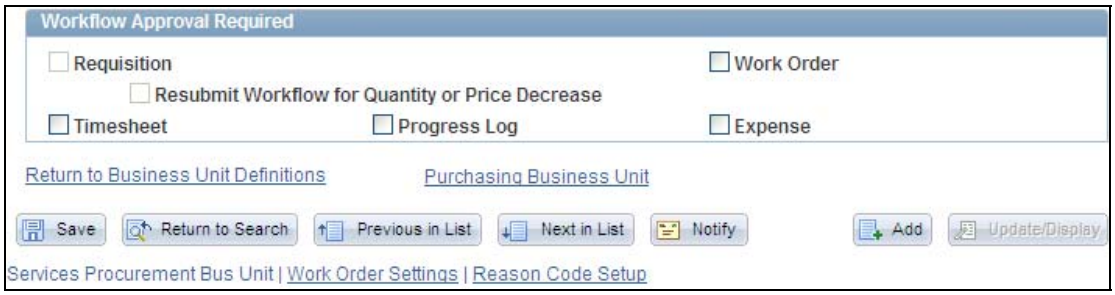
In PeopleSoft Services Procurement Release 9.1, we plan to provide approvers the ability to approve any of the transactions based on the ***Approval Framework directly within email (including Microsoft Outlook, Lotus Notes, and Blackberry attachments) without logging into the application***. Email-based approvals significantly improve the user experience, as well as save time, while continuing to enforce approvals.

New Functionality

PeopleSoft Services Procurement Release 9.1 will expand the use of the PeopleSoft Approval Workflow Framework. You will now use this method to approve timesheet, progress log, and expense transactions. In addition to the requisitions and work orders, the Approval Framework enables you to approve transactions at the line level and use several additional approval features such as adding ad hoc approvers.

The Approval Framework is delivered with your PeopleSoft system. You will need to activate the approval workflow and adjust the approval setup to identify individual user profiles and user lists, approvers and dynamic roles, templates, and servers. The framework setup includes the definition of transaction registries, approval processes and transactions, approval monitors, and the creation of ad hoc notification templates and change templates.

To support the Approval Framework feature, PeopleSoft Services Procurement 9.1 will provide business unit settings for implementing the Approval Framework. The next example shows how the page will appear:



Services Procurement Bus Unit page with Approval Framework check boxes

When the PeopleSoft eProcurement application is installed, the Requisition check box setting is determined by the eProcurement setting. If eProcurement is not installed, then you can change the values of the Requisition and the Resubmit Workflow When Quantity or Price Decreases check boxes. You will select the corresponding check box for those transactions that you want to approve through the Approval Framework.

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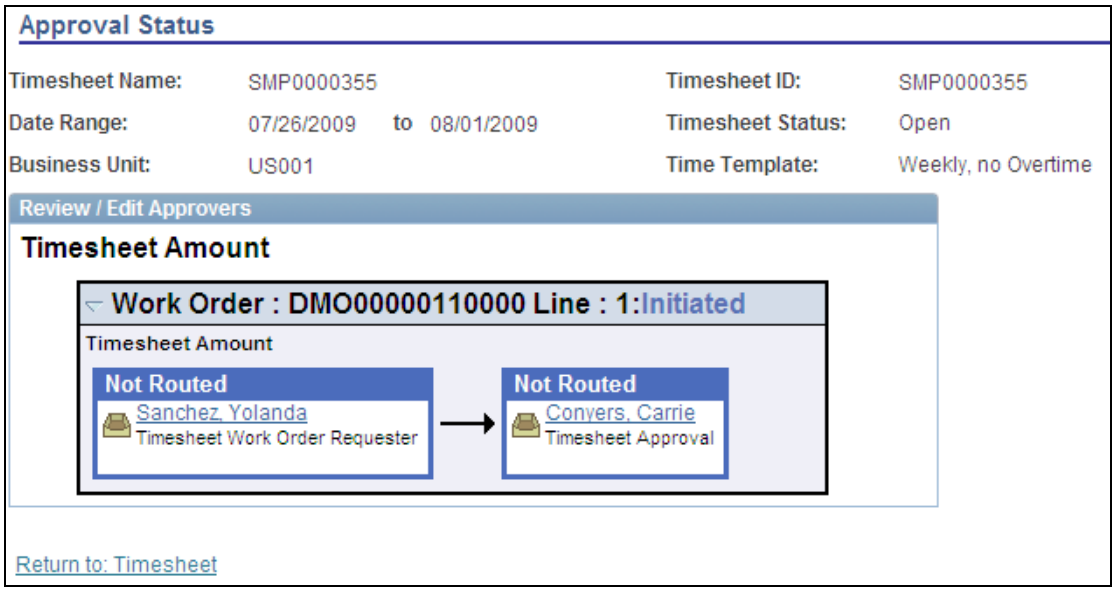
For each transaction, a set of buttons is available for reviewing the Approval Framework. The next example shows the buttons that you can use to submit a timesheet for approval and to preview its approvals:

Review Timesheet page with Approval Framework options

Before you submit a transaction, you can preview the approval routings using the Preview Timesheet Approver(s) button. This example shows how the timesheet approval preview appears:



Approval Status page indicating a timesheet not routed for approval

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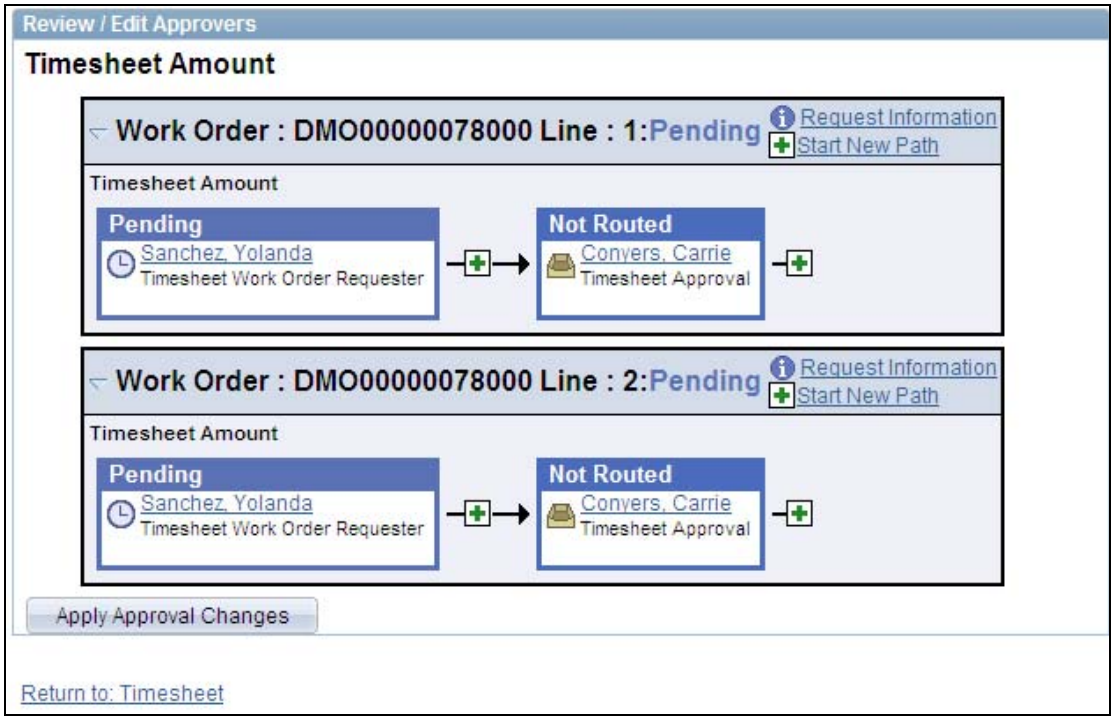
When you click the submittal button, such as the Timesheet button for timesheets, the system sends the transaction to the first approver and sets the transaction approval status to Pending. This example shows a pending approval timesheet:



Pending timesheet approval for Yolanda Sanchez

When the approver accesses an approval, the system will provide details about the transaction along with approval options. This example shows a time line approval for approvers:

Time line approval options

After the initial approver approves the timesheet, the system updates the graphical representation for the approval as shown in the next example:

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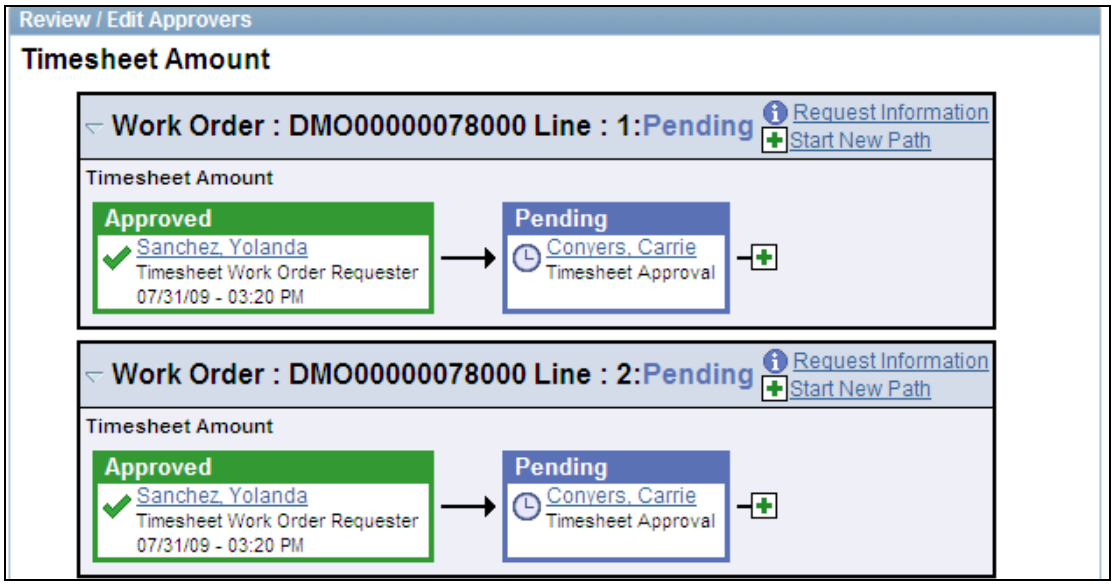

Approved timesheet for Yolanda Sanchez

When an approver denies the approval of a transaction, the system will also provide a confirmation to the user indicating the approval was denied. The system uses graphics and colors to highlight the status of an approval for individual approvers. After a transaction is fully approved, it is removed from the reviewer's to do list whether or not it actually was reviewed.

The work order Approval Framework for PeopleSoft Services 9.1 will provide a view of the Approval Monitor on the Approvals and Alerts tab of the Manage Work Orders page. You will use the page to review and manage Approval Framework work order routings and review approvers for timesheets, progress logs, and expenses. This example illustrates the Approval Framework routings:

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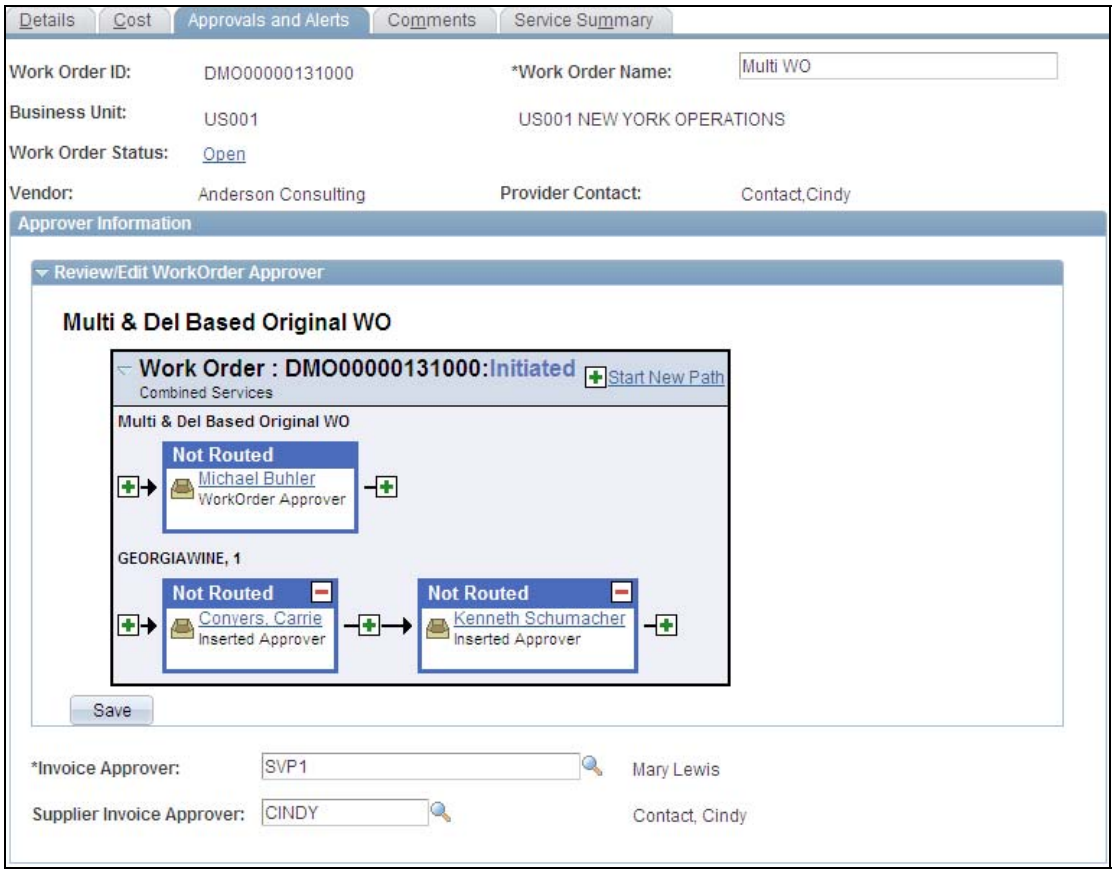

Approvals and Alerts page

You will use the Review/Edit Work Order Approver group box the same as other approval preview pages. You can insert approvers and start new paths for example. After making changes to approvals, you will click the Save button to apply the updates.

Along with providing basic work order information, the Work Order Approval page enables you to approve, deny, or push back a parent or individual services work order during the workflow approval process. You will use this page similarly to the way you will use the Work Order parent approval page.

The Approval Framework is similar across all transactions and can include multiple approval paths, as shown in this timesheet approval example:

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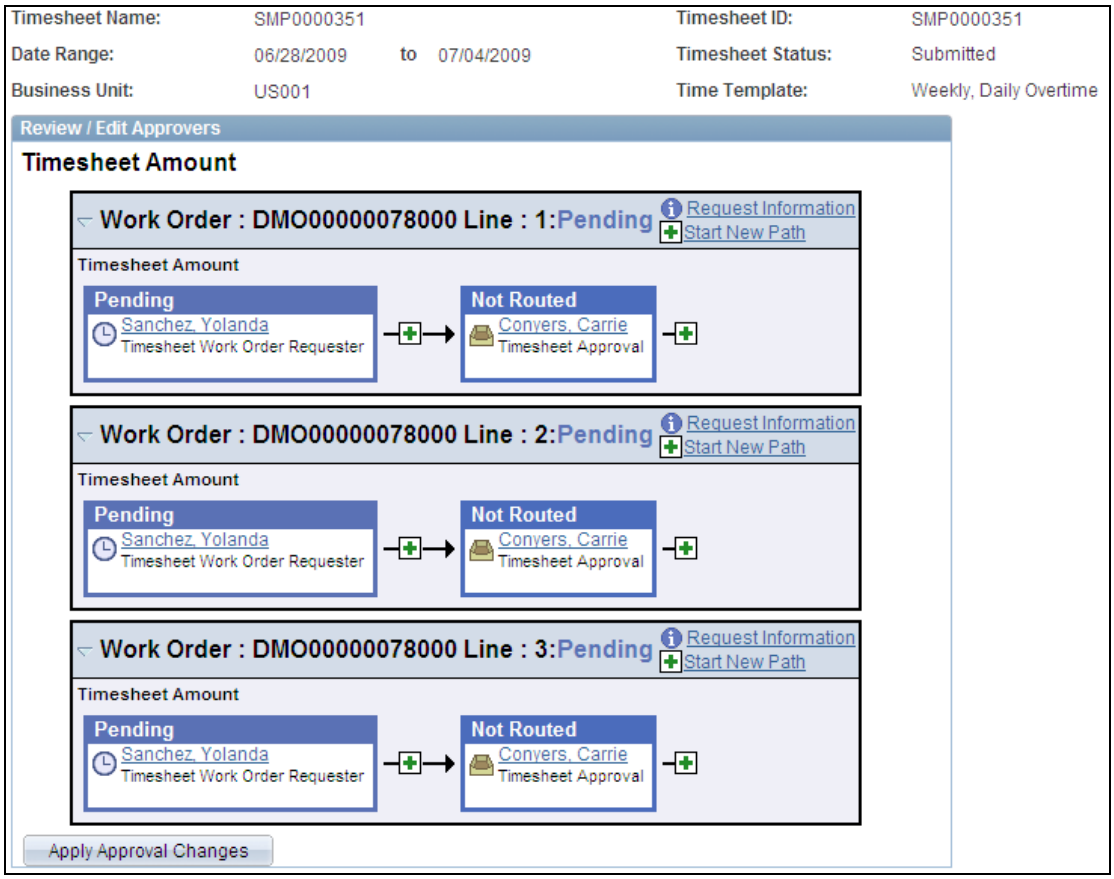

Timesheet approver preview page with multiple paths

You will be able to define an approval process definition with different stages for different types of approval. Within a stage, the system will process paths in parallel. Therefore, as in the previous example, with multiple approvers, the system sends the approval to the first approver at the same time. After an approver has approved a transaction, and submits it, it is routed to the next approver. The system will update the graphical flow.

To illustrate the similarities in the Approval Framework feature, the next example shows how an approver reviews and approves an expense report for approval:

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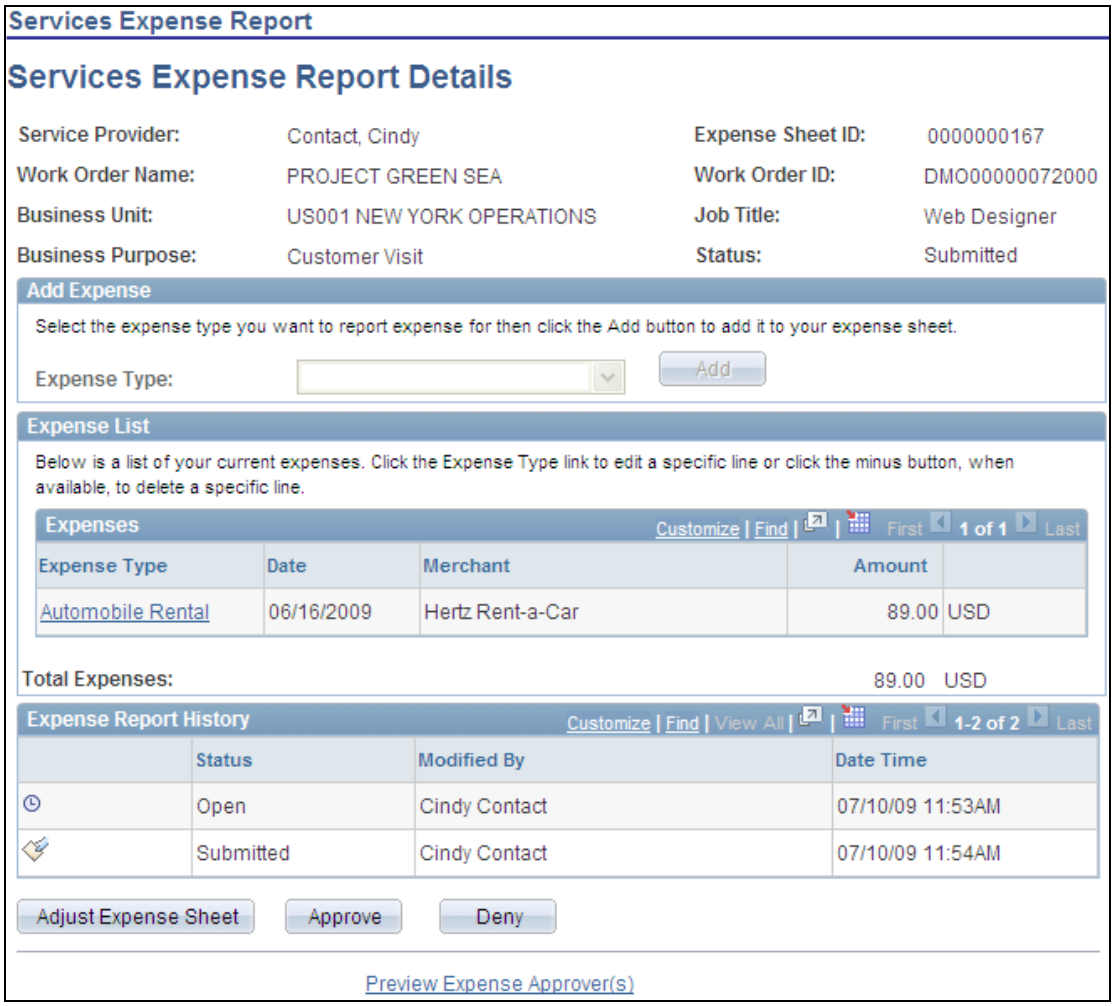

Services Expense Report Details page

Using this page, you will be able to review and adjust expenses along approve or deny the expense. To view the workflow, you will click the Preview Expense Approver(s) button.

The Approval Framework feature also enables you to send timesheets, progress logs, and expenses for approval via email.

Based on system definitions for the Approval Workflow Framework and email setup, you will be able to provide approvers access directly within email without having them log into the application. The use of email approvals requires the setup of a number of elements within Enterprise Components Approvals. For example, the system will provide the SP_EMAIL_TS_APPROVAL message that will be used for timesheet email approvals.

In the Email Collaboration component, you can use the EMC Layout and EMC Form menu options to tailor the message for your organization's use. The message appears in this example:

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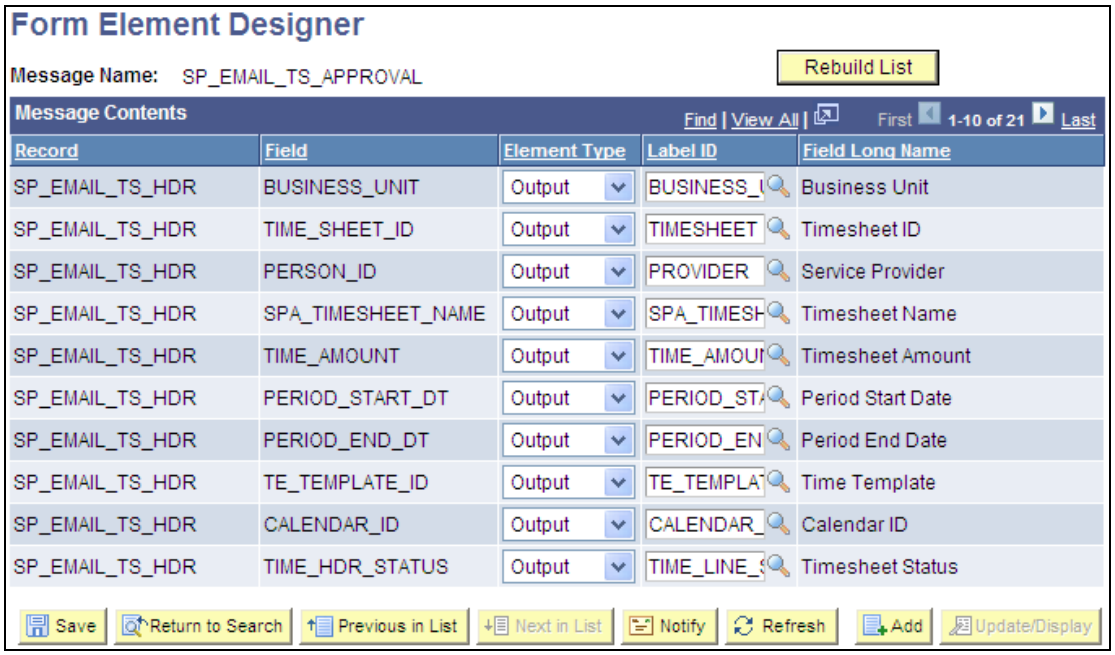
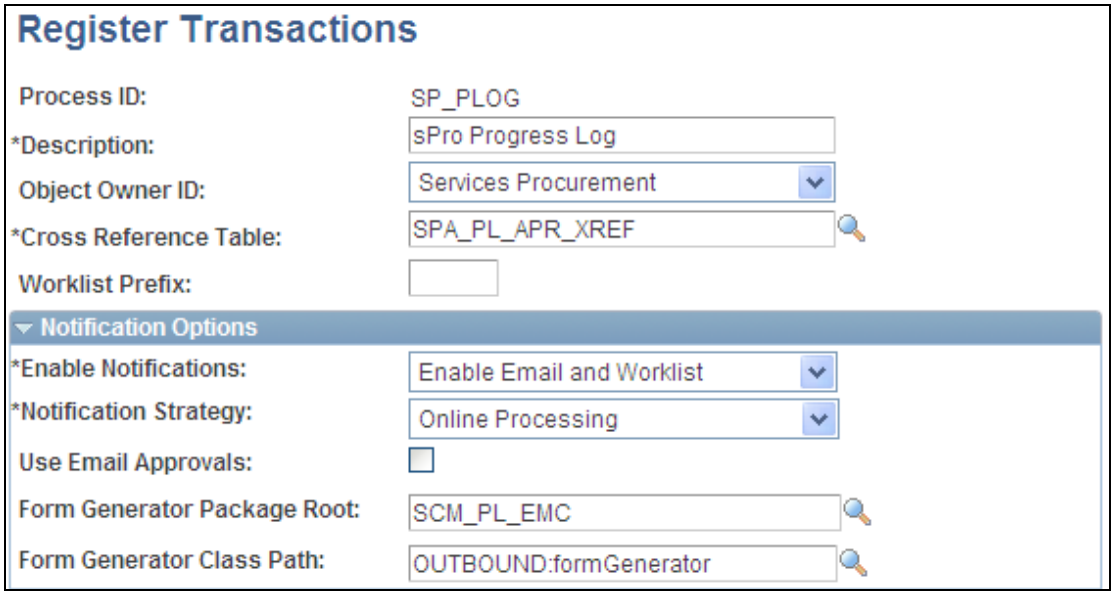


Form Element Designer page for the timesheet approval message

Along with messages that define the email contents, you will also be able to setup Approval Framework components, such as the transaction registry, where email approvals have to be selected to implement the feature.

The Use Email Approvals check box appears in this example of setting up the progress log transaction registry:



Register Transactions page with Use Email Approvals checkbox

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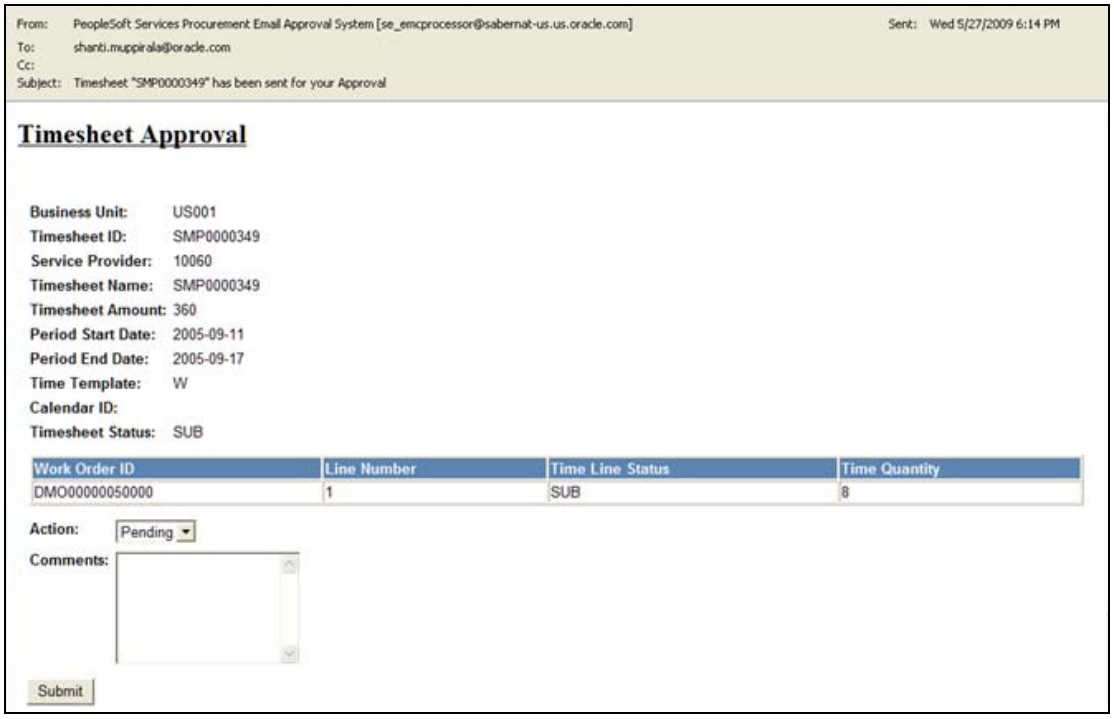
After the settings are defined, the system will route progress logs for approval using email. Alternatively, when a provider reports time and submits time for approval for a business unit that uses email approvals, the approver will receive an email. The next example shows how the email format might appear when header-level approvals are applicable to the timesheet:


From: PeopleSoft Services Procurement Email Approval System [se_emcprocessor@sabernat-us.us.oracle.com] Sent: Wed 5/27/2009 6:14 PM
To: shanti.muppirala@oracle.com
Cc:
Subject: Timesheet "SMP0000349" has been sent for your Approval

Timesheet Approval

Business Unit: US001
Timesheet ID: SMP0000349
Service Provider: 10060
Timesheet Name: SMP0000349
Timesheet Amount: 360
Period Start Date: 2005-09-11
Period End Date: 2005-09-17
Time Template: W
Calendar ID:
Timesheet Status: SUB

Work Order ID	Line Number	Time Line Status	Time Quantity
DMO00000050000	1	SUB	8

Action: Pending
Comments:

Submit

Timesheet Approval email

Approvers will use the Action field to select whether to approve or deny the timesheet. After the approver makes a selection, adds comments, and clicks the Submit button, the approval routing is sent to the next user in the workflow.

Improved Integration with HCM and Talent Acquisition Manager (TAM)

PeopleSoft Services Procurement integration with Human Capital Management (HCM) allows customers, with both Services Procurement and HCM, to use HCM as their system of record for all personnel, including contingent workers brought in to fill Services Procurement requisitions. Services Procurement integration with the Talent Acquisition Manager (TAM) application enables customers to take advantage of Services Procurement to search for contingent workers as an alternate source of filling job postings when an employee search is not successful. In PeopleSoft Release 9.1 Services Procurement, we plan to ***improve the integration when both HCM and TAM are used with Services Procurement*** by ensuring that information flows efficiently among all three products when tracking and sharing person and employee information.

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Prior to Release 9.1, PeopleSoft Services Procurement communicated with PeopleSoft Talent Acquisition Manager and Human Resources Core separately. Beginning in Release 9.1, we plan to provide a combined information flow whereby TAM will initiate the request to HCM to obtain a person ID and employee record for the servicer provider once candidate information is received by TAM for a service request filled by Services Procurement. HCM then passes this information to both TAM and Services Procurement, keeping all three products synchronized. Services Procurement will initiate the request to add assignments for service providers that already exist within Human Resources.

New Functionality

To support the integration of PeopleSoft HCM Human Resources and TAM with Services Procurement, Release 9.1 will introduce two new messages. These messages will enable you to use the same HCM person and employment record among all three applications.

One message (HCR_ADD_USER_PROFILE) passes hiring information from Services Procurement to Human Resources. This message goes through TAM. The second message (HCR_ADD_USER_PROFILE _ACK) provides an acknowledgement from Human Resources to Services Procurement. This message also goes through TAM and is a response to the completion of hiring.

User profile integration enables you to hire PeopleSoft Services Procurement service providers using the PeopleSoft Human Resources application through the TAM application. When Services Procurement receives a message about a contingent worker and applicant information from TAM, it will now send a new message through TAM to Human Resources to request the creation of a user profile for the newly hired person. Then, the system sends an acknowledgement message back to Services Procurement.

As in previous releases, you will use the Services Procurement Installation Options page to indicate usage of integration to HCM features. This example shows the settings for integration with PeopleSoft HCM applications:

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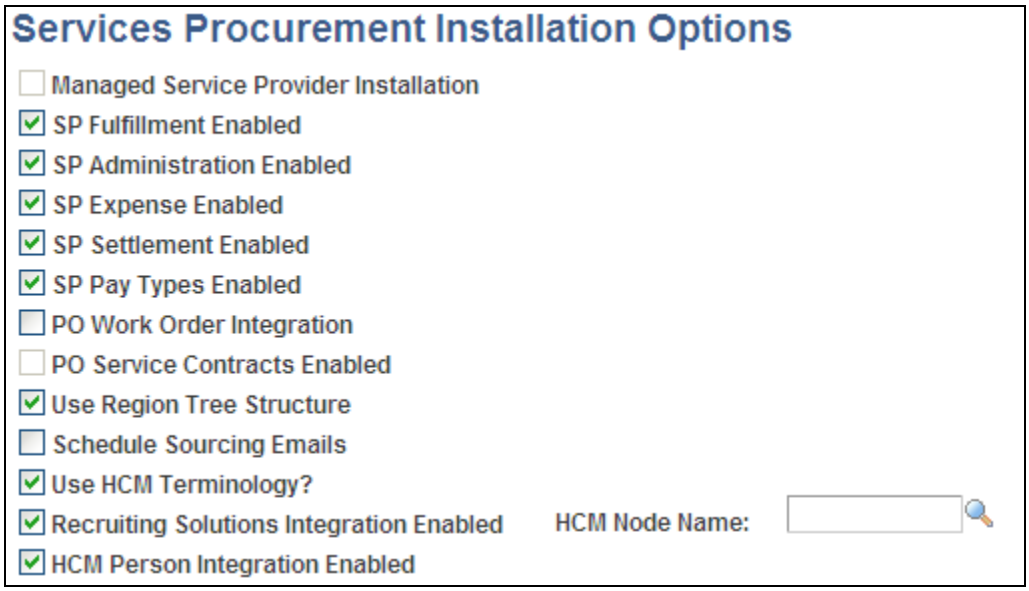

Services Procurement Installation Options page with HCM check boxes

The next example illustrates the information flow between PeopleSoft Services Procurement 9.1 and PeopleSoft HCM 9.1 applications:

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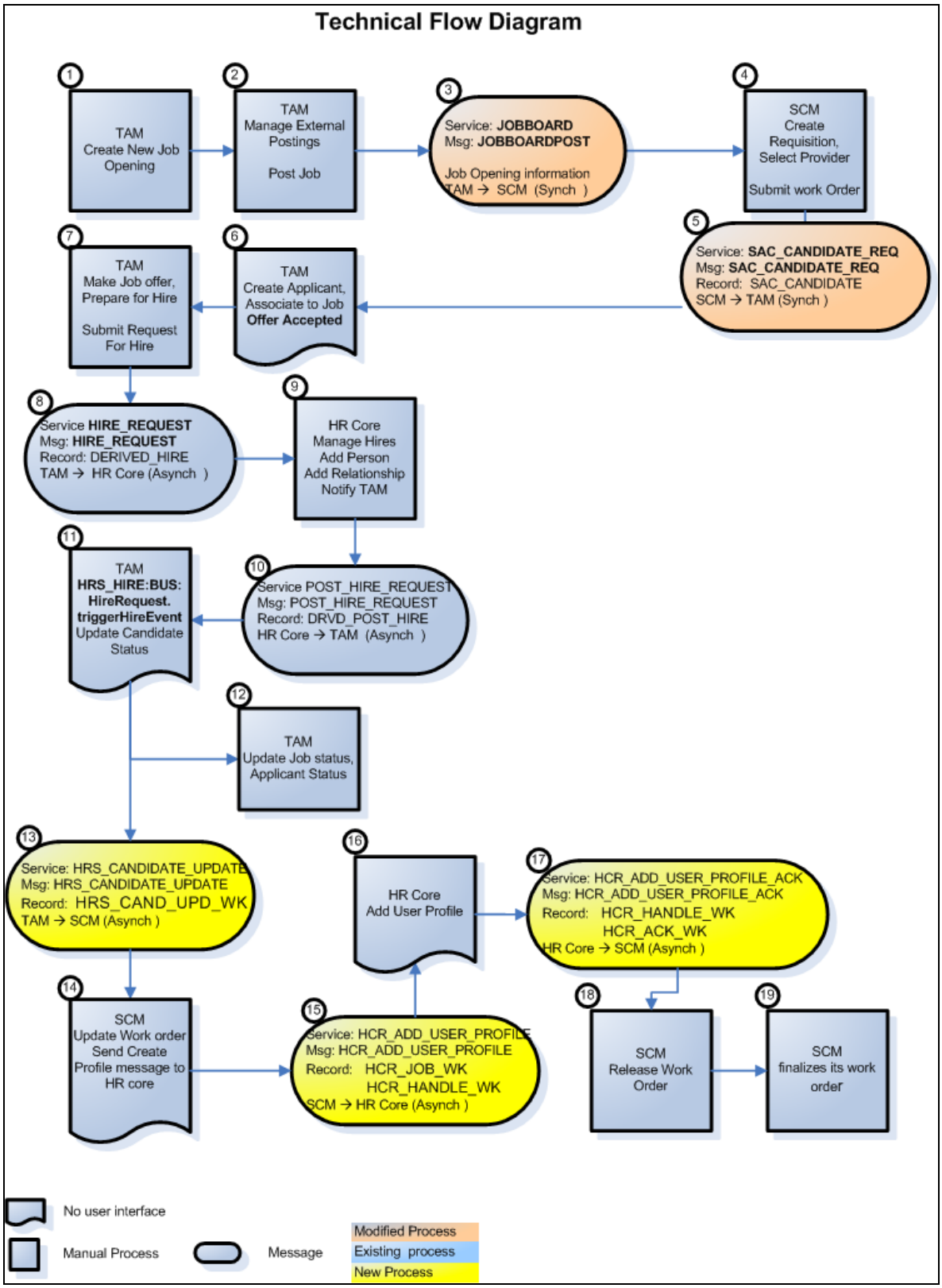

Technical flow of information among the three PeopleSoft applications

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The previous example uses color coding to indicate existing, modified, and new processes for Release 9.1. Yellow indicates a new process.

Using enhanced integration between PeopleSoft Services Procurement 9.1 and the TAM application will enable you to post job-related information to Services Procurement when you post a job from within PeopleSoft TAM. Highlights of the process include:

- When the system sends the candidate message from Services Procurement, it will be processed in TAM and an applicant will be created. The system will then send a notification to the job opening's recruiter to inform him that he can begin the Prepare for Hire process.
- When a PeopleSoft Services Procurement candidate is hired, the system sends the HRS_CANDIDATE_UPDATE message to Services Procurement that contains the employee ID, the employee record number, and a setting indicating to Services Procurement that the candidate was hired.
- When a Services Procurement candidate, who is not yet hired, is withdrawn, the system sends the HRS_CANDIDATE_UPDATE message to Services Procurement indicating that the candidate was withdrawn from hiring.
- If a candidate sent by PeopleSoft Services Procurement is already a TAM applicant, then Services Procurement will send the TAM applicant ID and employee ID along with the candidate message. This will indicate to TAM that the candidate is an existing applicant.

Retract Submittal

Prior to Release 9.1, service provider contacts could withdraw a candidate only after a service coordinator responded to a submitted bid. Services Procurement Release 9.1 will introduce the capability to ***retract submittals*** before a service coordinator responds. This will eliminate the need to communicate outside of the system if a candidate becomes unavailable after submittal. This will also eliminate the inefficiencies that may occur if service coordinators are spending time evaluating candidates who are no longer available to fill a position.

New Functionality

New in the bid process for PeopleSoft Services Procurement 9.1 will be a new Retract Bid button that enables suppliers to withdraw a bid before a service coordinator or requester responds to it.

To withdraw a bid, select the Retract Bid value in the Action field on the Supplier Bid Response page. This example shows the Action field:

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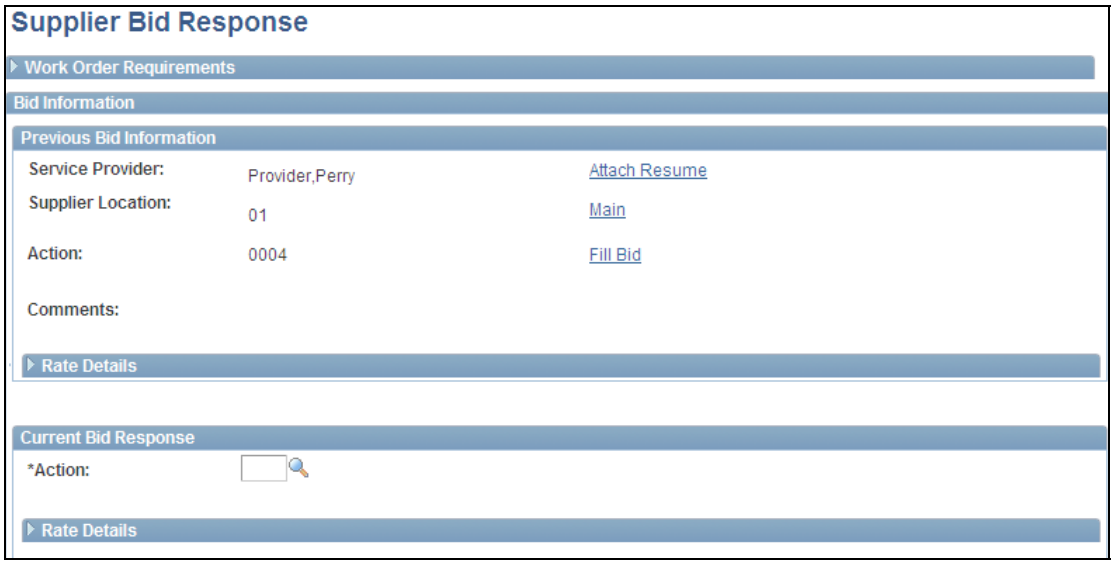

Supplier Bid Response page with Action field

When a supplier withdraws a bid before a service coordinator responds to it, the system issues warning messages to confirm that she wants to retract the bid submission and then sends an email to inform the service coordinator or service coordinator team. The system also sends an email to the requester if a service coordinator has forwarded the bid to the requester.

The withdrawn bid will be removed from worklist entries and will not be available in the service coordinator's or requester's inbox.

Service Provider Eligibility

At times, an enterprise may want to prevent selection of a particular service provider for new assignments. This situation may occur for many reasons. Perhaps performance on a previous assignment was unacceptable, and the customer wants to ensure that the individual is not considered for a new assignment. It could also occur as a result of background checks or other information obtained prior to accepting the service provider for an initial assignment.

While timesheet ratings and work order surveys can assist in tracking performance information for a service provider with previous assignments, service coordinators should be warned during the bidding and selection process if a potentially ineligible service provider is submitted. Such a warning is even more critical when the ineligible service provider is submitted by a different supplier. In this case, a different user ID may be used and any existing bad timesheet ratings or survey results associated with the other user ID may not be recognized as being for the same person.

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To address these issues, PeopleSoft Services Procurement Release 9.1 will ***provide a mechanism to identify service providers who should not be used*** on any future assignments. Service provider identifiers are planned to provide a mechanism for uniquely identifying an individual. The type of information that will be tracked is completely up to each organization to determine. Some examples of identifiers that could be used are passport number, driver's license number, or Social Security number. When a candidate has similar identifying information to an ineligible provider, a potential match is recognized and the service coordinator must determine whether there is an actual match. Only if the match is recognized as an actual match, will the system prevent the service provider from selection.

New Functionality

To facilitate the use of service provider eligibility in PeopleSoft Services Procurement 9.1, a new check box, shown in the next example, will be added to the Services Procurement Bus Unit page to indicate that eligibility tracking will be used for the business unit to determine service provider eligibility to fill requisitions and work orders:

Services Procurement Bus Unit page with the Track SP Eligibility check box

Selecting the Track SP Eligibility check box enables the system to place into operation service provider tracking mechanisms, such as vendor identifiers, bidding, and alerts. These new 9.1 features enable service coordinators to better determine when a provider may not be eligible to render a service.

For example, if a new provider has not yet completed the necessary background checks or a previously used provider has performed poorly on an assignment, then the enterprise can prevent the selection of that service provider for new assignments. The system uses global information that you define, such as social security numbers, passport numbers, and tax ID numbers, to determine specific identification for suppliers.

Along with tracking eligibility for service providers, the system will also provide you reason codes for use when a service provider's eligibility status is changed. The next example shows how a new candidate is entered into the system using the New Candidate page to define additional identifying information:

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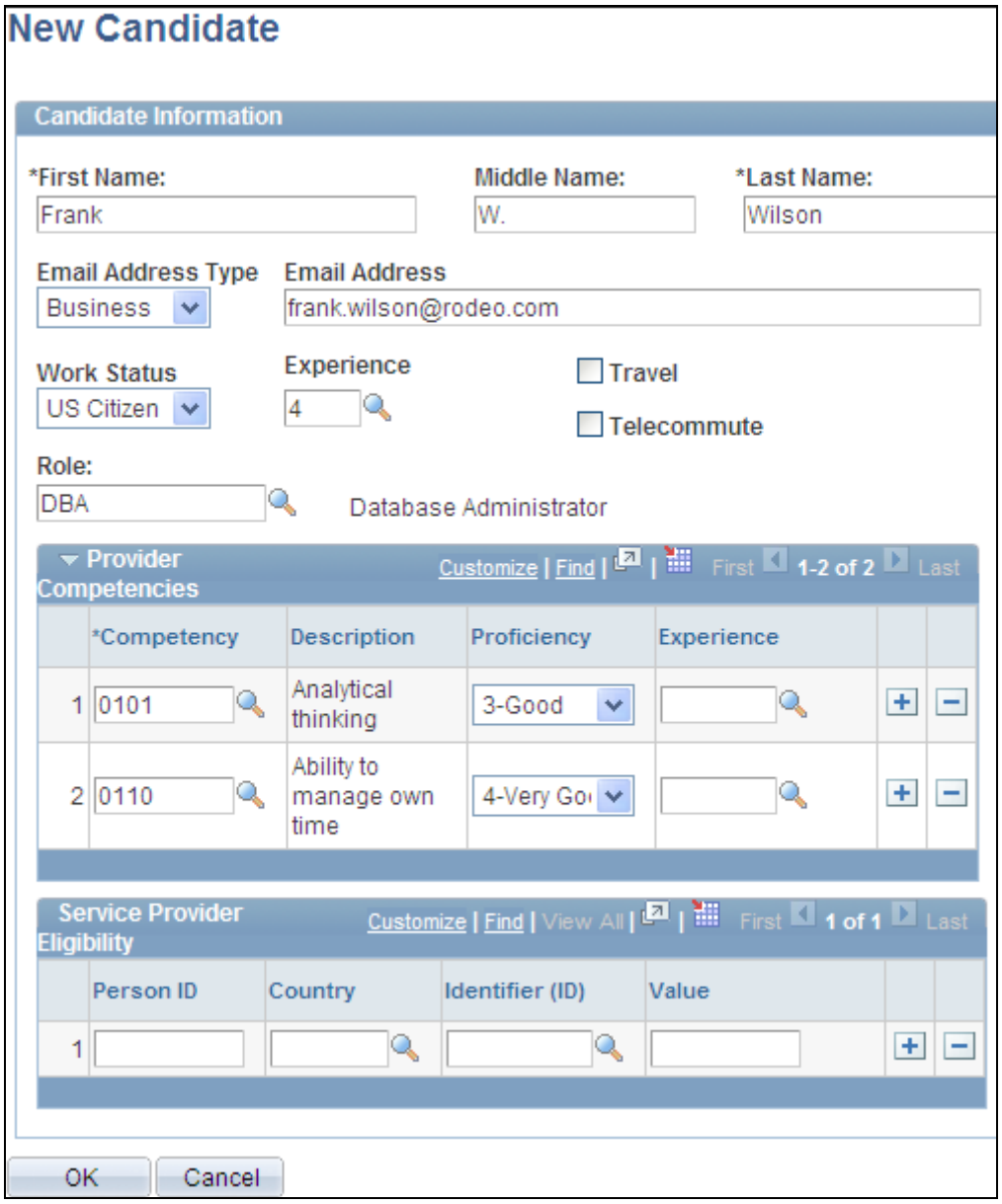

New Candidate page

You will use the Service Provider Eligibility grid box to manage service provider details. This grid box is available for service provider identification information entry and validation when the Track SP Eligibility check box on the Services Procurement Bus Unit page is selected for the business unit that you are using. When a service provider contact submits a new candidate, the contact can optionally enter candidate information related to unique identifiers when submitting a candidate to fill requisitions or work orders.

If eligible service provider functionality is implemented, any match or potential matches of the identifier ID against an ineligible service provider produces a system warning for administrators and service coordinators when the service provider is selected to fill an opening.

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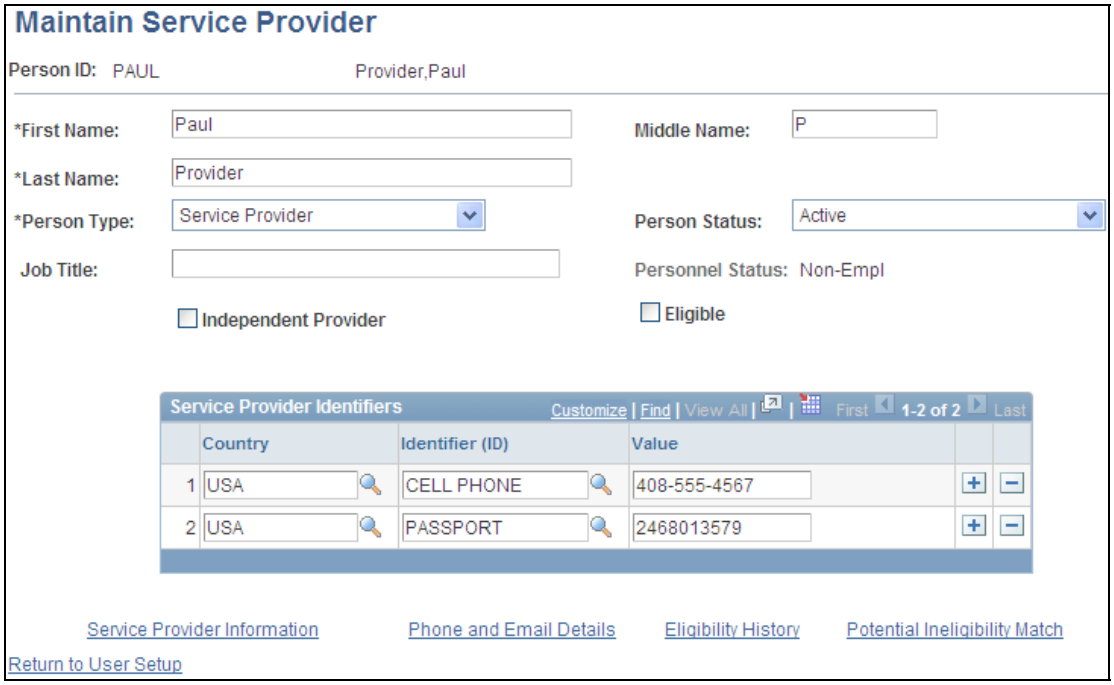
This example shows the new check box and the Service Provider Identifiers grid box added to the Maintain Service Provider page:



Maintain Service Provider page

You will use this page to view service provider eligibility status and access potential ineligible matches to the service provider. When the Eligible check box is deselected, the service provider is not eligible to fill assignments.

You will click the Potential Ineligibility Match link to verify the service provider against known ineligible providers. The next example shows a page with potential ineligibility matches for a service provider:

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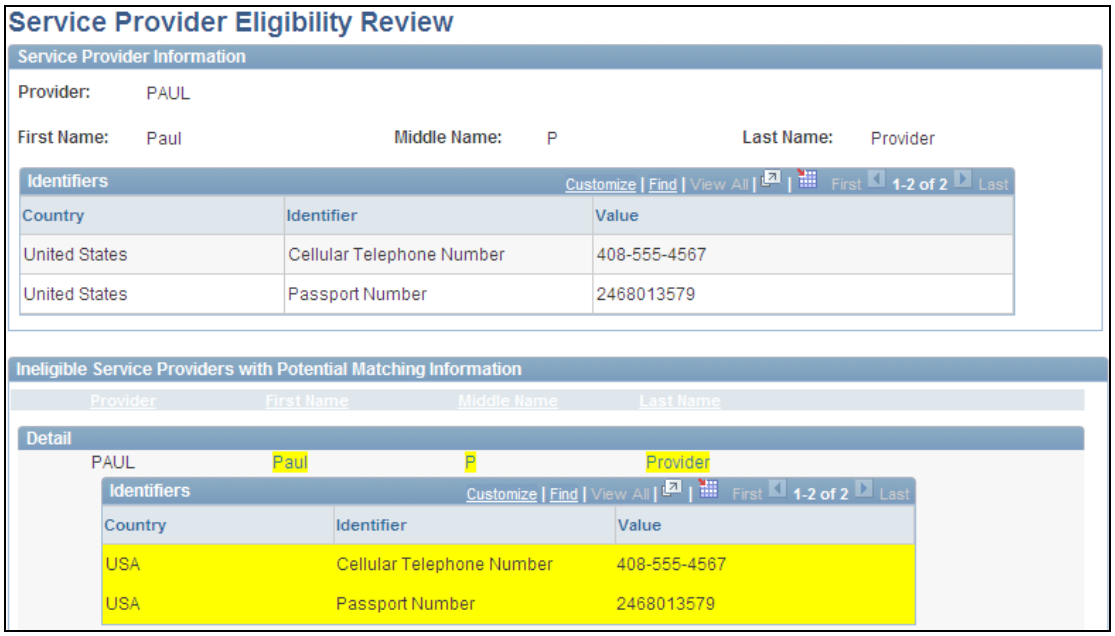
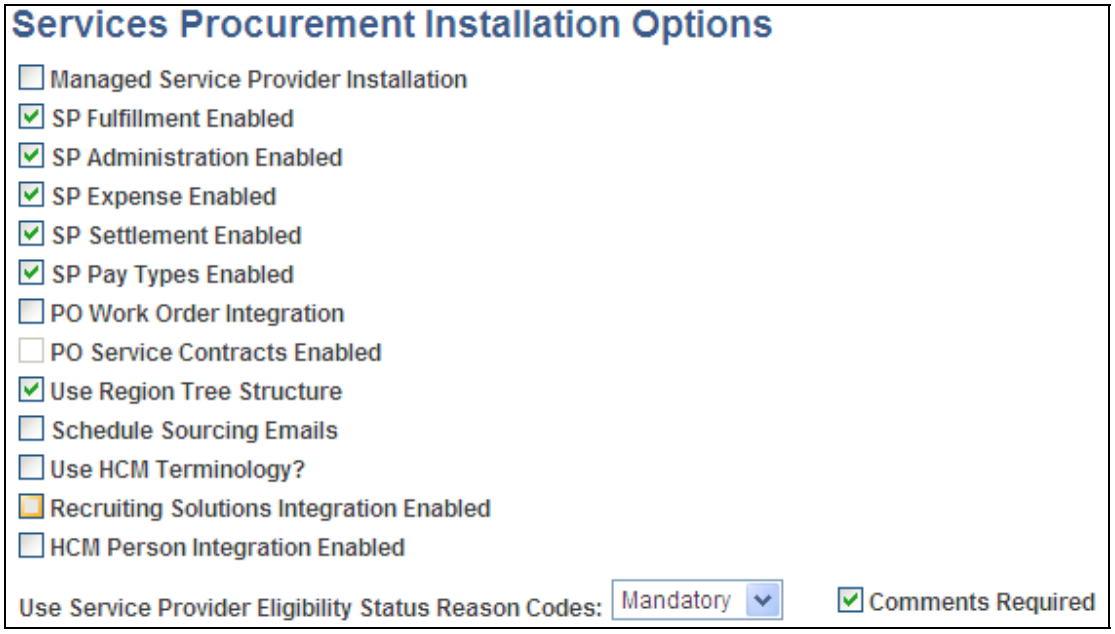


Service Provider Eligibility Review page

You use this page to display a list of service providers that are identified as not currently eligible to fill work orders and that are a potential match to the specified service provider. The Ineligible Service Providers with Potential Matching Information group box displays possible matches.

Along with tracking eligibility for service providers, the system will also provide an option to require the use of reason codes when a service provider is marked as not eligible for assignment. The next example shows the options for using eligibility status reason codes:



Services Procurement Installation Options page

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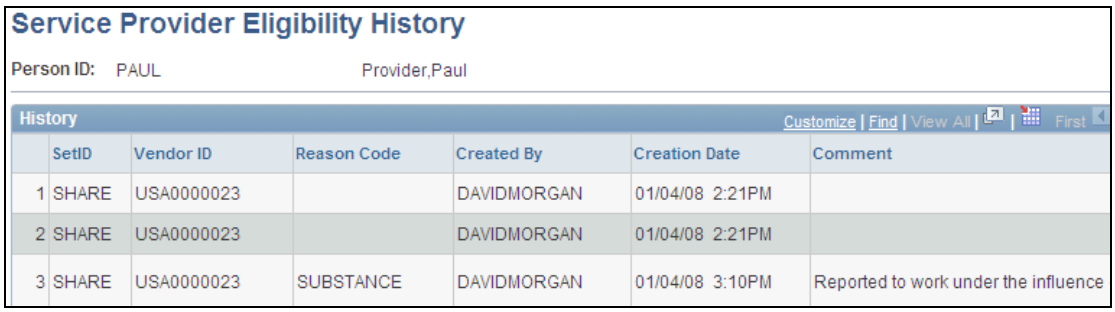
The Service Provider Eligibility Status Reason Codes field will enable you to select how you want to apply the use of reason codes with eligibility status. You will have the options to make the reason codes mandatory, optional, or not use them at all. You will also be able to require comments for changes to eligibility status.

Also, as part of PeopleSoft Services Procurement 9.1 service provider eligibility tracking, the system will provide a history of a service provider's eligibility. The next example shows how the history will appear:



	SetID	Vendor ID	Reason Code	Created By	Creation Date	Comment
1	SHARE	USA0000023		DAVIDMORGAN	01/04/08 2:21PM	
2	SHARE	USA0000023		DAVIDMORGAN	01/04/08 2:21PM	
3	SHARE	USA0000023	SUBSTANCE	DAVIDMORGAN	01/04/08 3:10PM	Reported to work under the influence

Service Provider Eligibility History page

The history includes the reason codes for the update to the provider's eligibility.

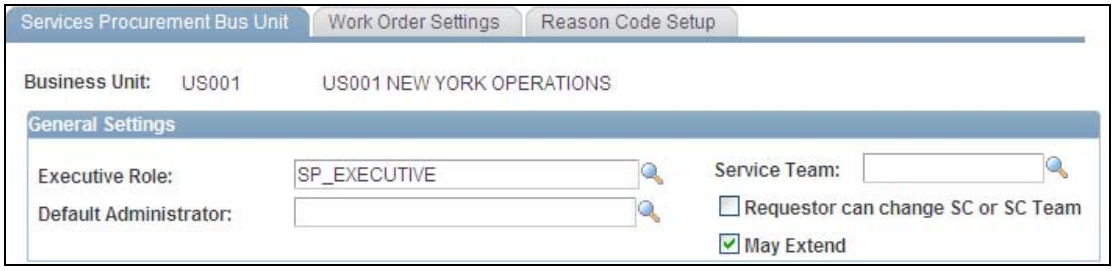
Miscellaneous Enhancements

In PeopleSoft Services Procurement Release 9.1, we also plan to include several miscellaneous enhancements:

- A Do Not Extend option will be introduced for requisitions and work orders.
- For the Project Costing integration, a new analysis type for assignment incidents that allows greater visibility of the true origin from within Project Costing.
- For requisitions and work orders, the ability to enter multiple comments for issues such as visibility to a supplier at a lower level of granularity, and allowing users to associate attachments with a specific individual comment.
- Oracle XML Publisher reporting for printed requisitions and PO dispatch.

New Functionality

Do Not Extend option: To support miscellaneous enhancements for Release 9.1, the Services Procurement Bus Unit page will be updated to include a May Extend check box as shown in this example:



May Extend check box for the PeopleSoft Services Procurement 9.1 business unit

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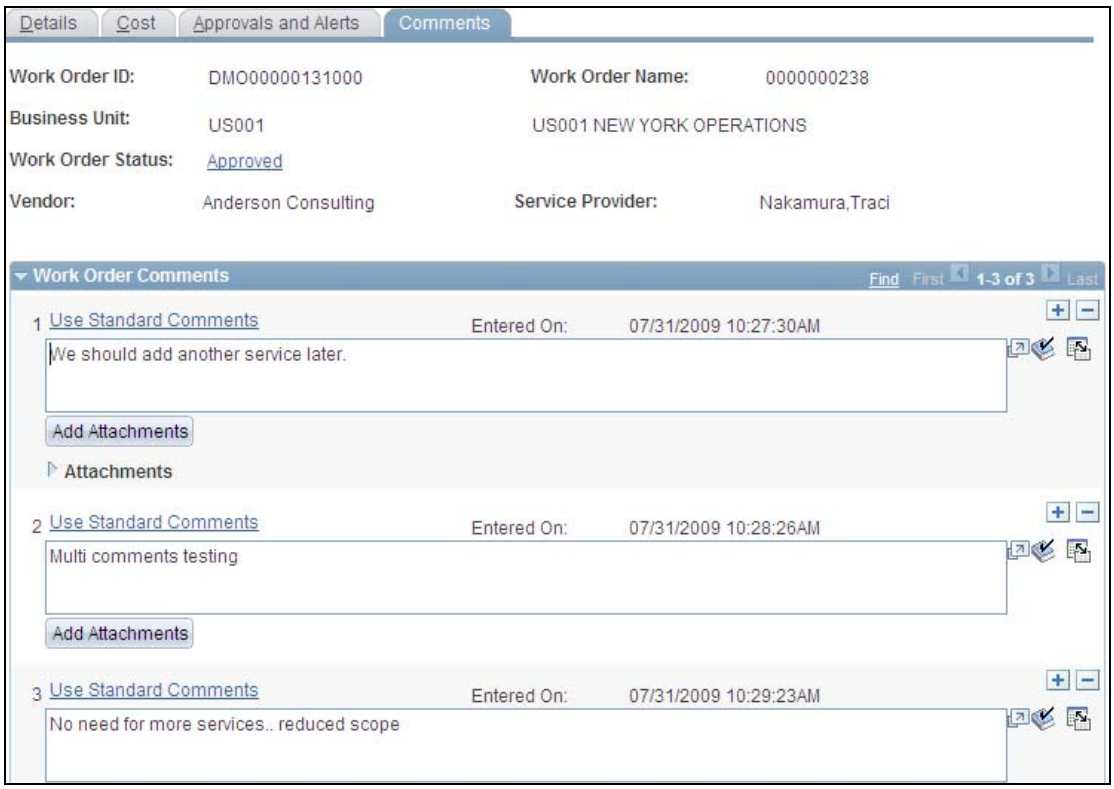
You can select the May Extend check box to enable a requester or a service coordinator to extend a requisition or a work order. If this check box is not selected, you will not be able to extend a requisition or work order. Extending a requisition or work order enables a service to be assigned to a fixed-price requisition or multiple unique service providers that can be sourced to a requisition to fill the required services.

Project Costing integration: A new enhancement for PeopleSoft Services Procurement 9.1 sends time data to PeopleSoft Project Costing using an analysis type of Incident for assignment incidents. Project Costing can then use the Incident analysis type to process existing transactions.

When you run the SPA_PROJ_EXP process, the system processes and populates the staging table with only those work order distribution rows that have a business unit PC, project ID, and activity ID.

Multiple comments: Another Release 9.1 enhancement is the capability to enter and review multiple comments for requisitions and work orders. A new MULTI_COMMENTS role action will be available for service coordinators and requesters. Users who have the role assigned to them will have the authorization to enter and review multiple comments. This example shows the Work Order Comments grid box that will be available on the Work Order Comments page:



Comments page with multiple comments

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Oracle XML Publisher reporting: In PeopleSoft Services Procurement 9.1, you will be able to print a XML Publisher view of requisitions from the Manage Requisition page. To support this feature, a Print View option will be available in the Select Action field list of values. After you select a value, the system displays the requisition in report format as shown in this example:

Business Unit: US001 **Requester:** VP1 **Status:** Approved
Requisition: 0000000195 **Requested By:** Kenneth Schumacher **Currency:** USD
Requisition Name: 0000000195 **Entered Date:** 6/30/09 **Requisition Total:** -534.00

Line: 1 **Item Description:** Mountain Bike Gloves, Women's **Quantity:** 10.0000 **UOM:** EA **Price:** 9.00 **Line Total:** -94.00
Line Status: Approved

Ship Line: 1
Attention: Kenneth Schumacher
Ship To: US001
Due Date:
Address:
144 North Street
New York NY 10168 United States
Shipping Quantity: 6.0000
Shipping Total: -54.00

Dist	Status	Location	Qty	PCT	Amount	GL Unit	Account
1	Open	US001	3.0000	50.00	-27.00	US005	682000

Dept
14000

Open QTY	Open Amt
3.0000	0.000

GL Base Amount	Currency	Sequence	Capitalize
-27.00	USD	0	N

Dist	Status	Location	Qty	PCT	Amount	GL Unit	Account
2	Open	US001	3.0000	50.00	-27.00	US005	682000

Dept
14000

Open QTY	Open Amt
3.0000	0.000

GL Base Amount	Currency	Sequence	Capitalize
-27.00	USD	0	N

Print view of requisition

- The report will contain all information about the requisition. This includes all requisition lines and details. When you select to view the requisition, the system will display the message: Do you want to print the requisition with distribution details? You will click Yes to include the distribution details for the requisition.

Payables 9.1

More than ever, organizations are pressured to control and streamline financial processes in order to improve the bottom line and efficiently support compliance. This expectation has created a need for systems that manage transactional work and streamline processes, thus allowing accounts payable staffs to perform strategic tasks that add value to their organizations. In PeopleSoft Enterprise Payables 9.1, we plan to provide the following enhancements.

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Streamlined Financial Processes

Automated Accrual Processing

Creating accrual accounting entries to properly reflect the activity in the financial results is a critical part of period closing. It is a manual process that takes time and resources. To further automate the closing process tasks and improve the timeliness of the process, PeopleSoft Payables 9.1 plans to provide for the automatic accrual of activity that has not been fully processed in the Payables sub-ledger. The new Accrual functionality will provide the ability for the user to determine which transaction status should be accrued and how the accounting entries are created. Additionally, reversals will be supported within Payables. The accounting entries created by the new process can be viewed within the source and corrected before they are sent to PeopleSoft General Ledger. Commitment Control is supported in the new period end accrual process. Accrual documents created in the new functionality that affect encumbrance and expense budgets will be budget checked and balances will be reflected against the Commitment Control ledgers.

New Functionality

A New Setup option will allow customers to set the selection options for fields in source documents.

The options should be used for selecting source documents based on the Application Business Unit that is being processed.

The fields that can be selected are:

- Approval Status (VCHR_LINE_APPR)
- Budget Checking Header Status (BUDGET_HDR_STATUS)
- Budget Checking Miscellaneous Status (BUDGET_MISC_STATUS)
- Document Tolerance Status (DOC_TOL_HDR_STATUS)
- Match Status (MATCH_STATUS_VCHR)

The run control component will launch the Accruals program. The user will define the accounting date they want to process.

Users will elect their process options for processing business units. They can elect to process all business units or select individual business units. If they elect to process by particular business units then the user will select the GL business units they want to process.

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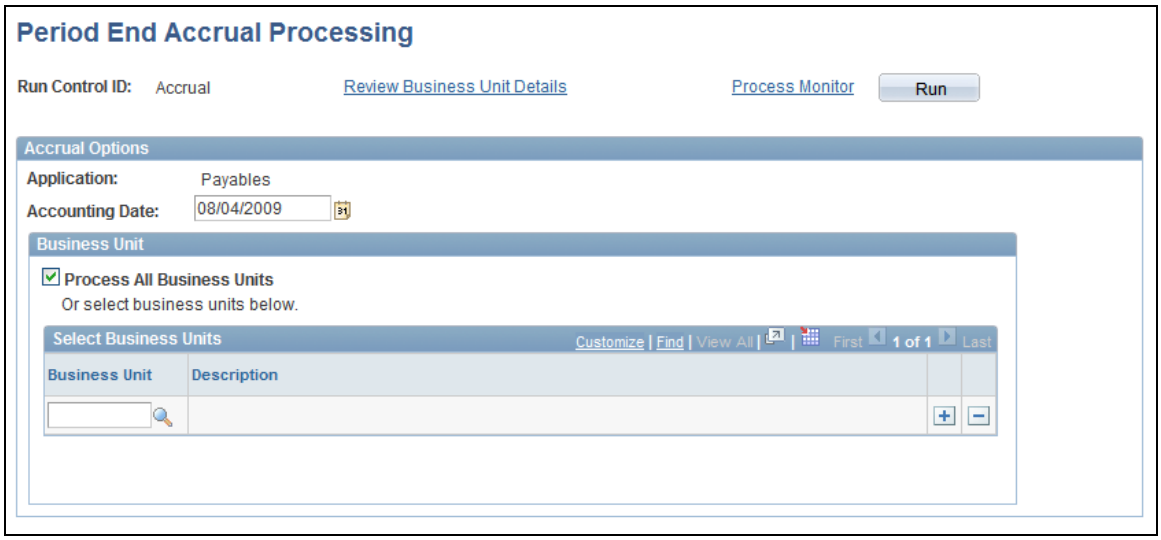


Period End Accrual Processing page

Before running the process, the Review Period End Accruals Selection page will show selection criteria and possible processing issues before running the process.

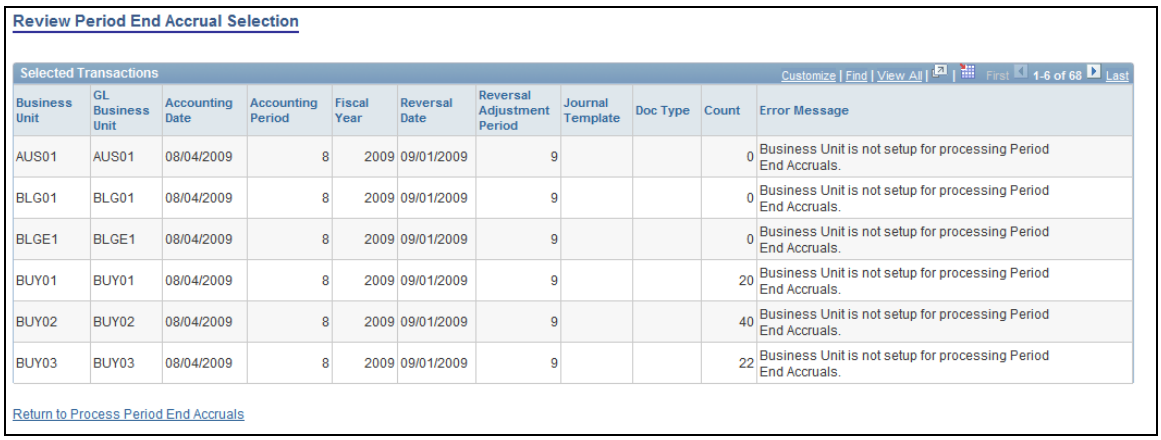
The page will show the accounting date and period the accruals will be created. The reversal date and period will also be shown.

The page shows the selected transaction types and GL business units

The page lists any known errors that may be encountered such as:

- No journal generator template setup in the business unit setup.
- Control check box at the BU is not selected and does not allow period end accruals.
- Periods for the applications are still open.

Document type counts will be shown for each GL business unit.



Review Period End Accrual Selection

Selected Transactions — Customize | Find | View All | First 1-6 of 68 Last

Business Unit	GL Business Unit	Accounting Date	Accounting Period	Fiscal Year	Reversal Date	Reversal Adjustment Period	Journal Template	Doc Type	Count	Error Message
AUS01	AUS01	08/04/2009	8	2009	09/01/2009	9			0	Business Unit is not setup for processing Period End Accruals.
BLG01	BLG01	08/04/2009	8	2009	09/01/2009	9			0	Business Unit is not setup for processing Period End Accruals.
BLGE1	BLGE1	08/04/2009	8	2009	09/01/2009	9			0	Business Unit is not setup for processing Period End Accruals.
BUY01	BUY01	08/04/2009	8	2009	09/01/2009	9			20	Business Unit is not setup for processing Period End Accruals.
BUY02	BUY02	08/04/2009	8	2009	09/01/2009	9			40	Business Unit is not setup for processing Period End Accruals.
BUY03	BUY03	08/04/2009	8	2009	09/01/2009	9			22	Business Unit is not setup for processing Period End Accruals.

Return to Process Period End Accruals

Review Period End Accruals Selection page

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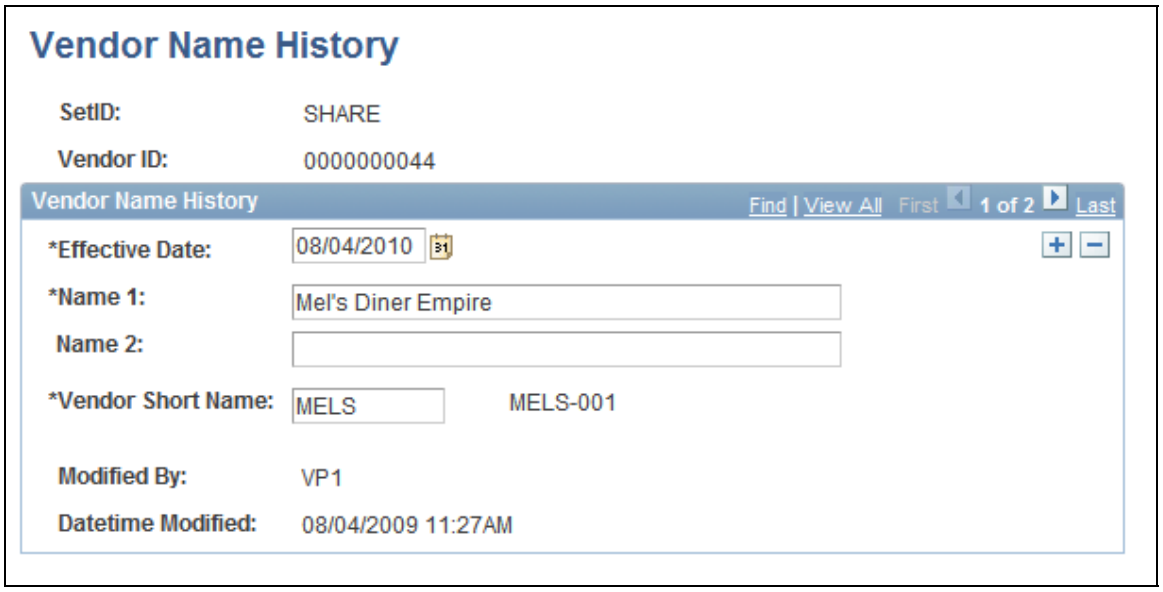
Vendor History

Vendor Management is an essential part of any Accounts Payable operation. A name change of the supplier can contribute to the risk of creating redundant vendors. An additional challenge is that users have no place in the system to track the history of the name of a vendor. To reduce redundancy and facilitate the searching for suppliers, in PeopleSoft Payables Release 9.1, we plan to deliver functionality that provides the ability to track changes made to the Vendor Short Name, Vendor Name, the time and date the changes were made and the individual who made the changes to the Vendor record. Additionally, the feature will also provide the ability to record future date and name changes. This functionality will reduce the intensive work required to create suppliers, enables you to record the vendor history, and help organizations run more efficiently and reduce erroneous payments.

New Functionality

The alternative will provided an effective dated child record (Vendor Name History) to the Vendor record to capture name changes. The Vendor Name History record will support effective dated logic, for tracking changes to the Vendor Short Name, Vendor Name 1, and Vendor Name 2 fields. The date and time of the change and the user who made the change will also be recorded on the Vendor Name History record.

Users will have the ability to manually insert a new row into the new Vendor Name History record using a future effective date. The system will automatically update the vendor name on the Vendor record based on the effective date on the Vendor Name History record. If the change on the Vendor History Name record is effective as of the date the change was made, the Vendor Record will be updated with the new name. If the change is future dated a separate process (Vendor Name History Update) will need to be run on a scheduled basis to update the Vendor Record.



Vendor Name History page

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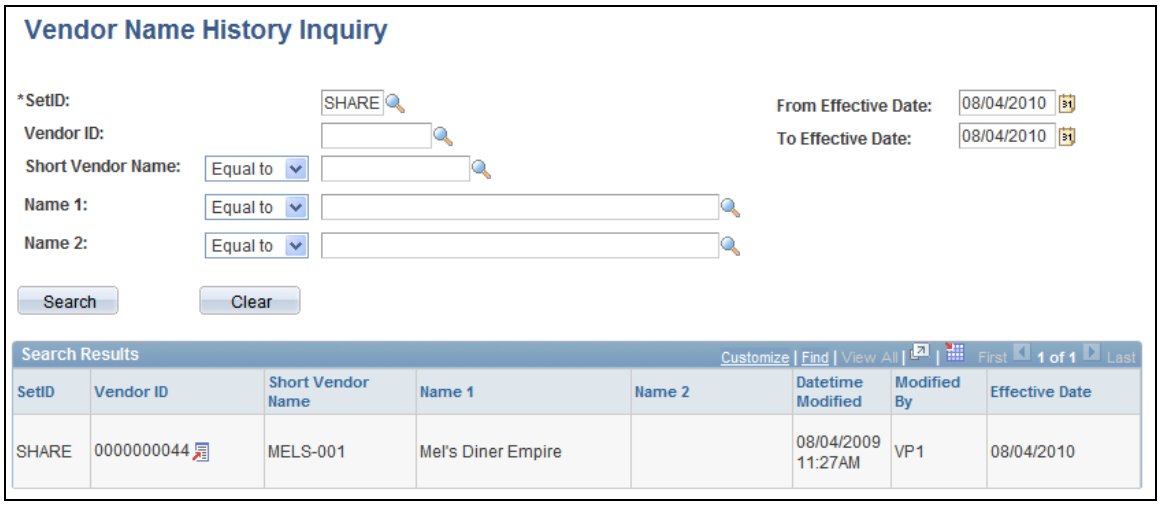

Vendor Name History Inquiry page

Payment Advices to Vendors

To streamline the reconciliation process, the banking industry normalizes remittance advices per payment type (ACH 820, ISO 20022). Without remittance advices, the reconciliation process becomes a labor intensive work for the supplier and the buyers. The absence of remittance increases: the reconciliation process, the risk of errors, and the need for the supplier to call the payable department to get the information. This feature will provide the ability in Payables to send via email a remittance advice to the suppliers. This feature will streamline the reconciliation process and reduce its cost through automation. We also support 'resend' capability in case vendor does not receive it via email.

New Functionality

An option has been added, Email Payment Advice, on the Pay Cycle Selection Criteria page, Preferences tab. When this option is deselected, the pay cycle process will skip the Email Payment Advice feature at the very beginning, so that the system can avoid checking each vendor involved in the pay cycle.

The other new field added on this tab is Payment Advice User ID. When the user selects the Email Payment Advice option on this tab, the current user ID will populate as the Payment Advice User ID, and the user can select a different user ID from dropdown list to fill in, if needed.

The Payment Advice User ID value will tell the process where to find the pay cycle default email from address. When generating the payment advice and sending out an email, the system needs a From ID and To ID for the email. The To ID will be entered on the Vendor page, the From ID will be entered on the User Preference page.

The Payment Advice User ID field cannot be blank if the Email Payment Advice checkbox is selected.

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Simplified Purchasing Contract Integration

In today's economy, businesses must do more with less; therefore, they need more information available to facilitate search and reconciliation processes. Payables users need more data elements to connect an associated PO or receipt to a voucher. For PeopleSoft Payable 9.1, we plan to deliver search criteria that includes contract information such as contract ID, contract line number, and so on, to enhance the user experience and reduce the back and forth navigation between Payables and procurement applications. The additional search criteria will save time and more accurately ensure that the clerks are vouchering the correct transactions.

New Functionality

Payables will add the following information as search criteria and to the search results when searching for a purchase order or receipt on the voucher:

- Contract ID
- Contract Line Number
- Release Number

On vouchers created from Recurring vouchers, the system will display the Contract ID, Contract Line Number, Release Number, and Version Number. There will also be a View Contract ID Line link to a new page that displays these fields. You can also search by these fields on the Copy Worksheet page.

Global Compliance and Controls

Approval Framework for Invoices and Vendors

Customers are required to support increasing levels of financial statement certification and external auditor attestation due to increased regulatory requirements like Sarbanes-Oxley and others. This has required business process changes that support additional layers of control over an increasing percentage of financial activity. In this environment of increasing controls and reduced resources, customers need to adopt a configurable workflow approval so that multiple rules can be implemented easily and are changeable to accommodate changing business and regulatory conditions.

In PeopleSoft Payables 9.1, we plan to adopt the Approval Framework for voucher processing and vendor approval. The Approval Framework is a graphical tool supporting configurable rules, delegation and parallel approval streams to support changing regulatory and organization policies.

New Functionality

While the system awaits an approval action, the Approval Framework maintains the overall state of the transaction, starts routings, and interacts with the application classes.

During the approval process these actions take place:

- The system notifies approvers and reviewers that there is a pending

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transaction that needs their attention.

- Approvers and reviewers access the transaction details, provide comments, and take action (approve, deny, or push back) the transaction.
- The system checks for additional routings in the same routing path.
  - If all steps are completed for the stage, then the next step is started in the next stage. If there are multiple routing paths, the system routes them in parallel.
- Once all approvers of a transaction have approved the transaction, the Approval Framework notifies the Payables application. The transaction then can proceed with additional processing.

Using workflow approval processes, you can:

- Approve and deny multiple transactions one at a time.
- Include multiple approvers for individual steps.
- Assign additional approvers and reviewers during the approval process.
- Escalate approvals.
- Approve, deny, push back, and delegate approvals.
- Reassign approval tasks to another approver.
- Use Worklist and email notifications.

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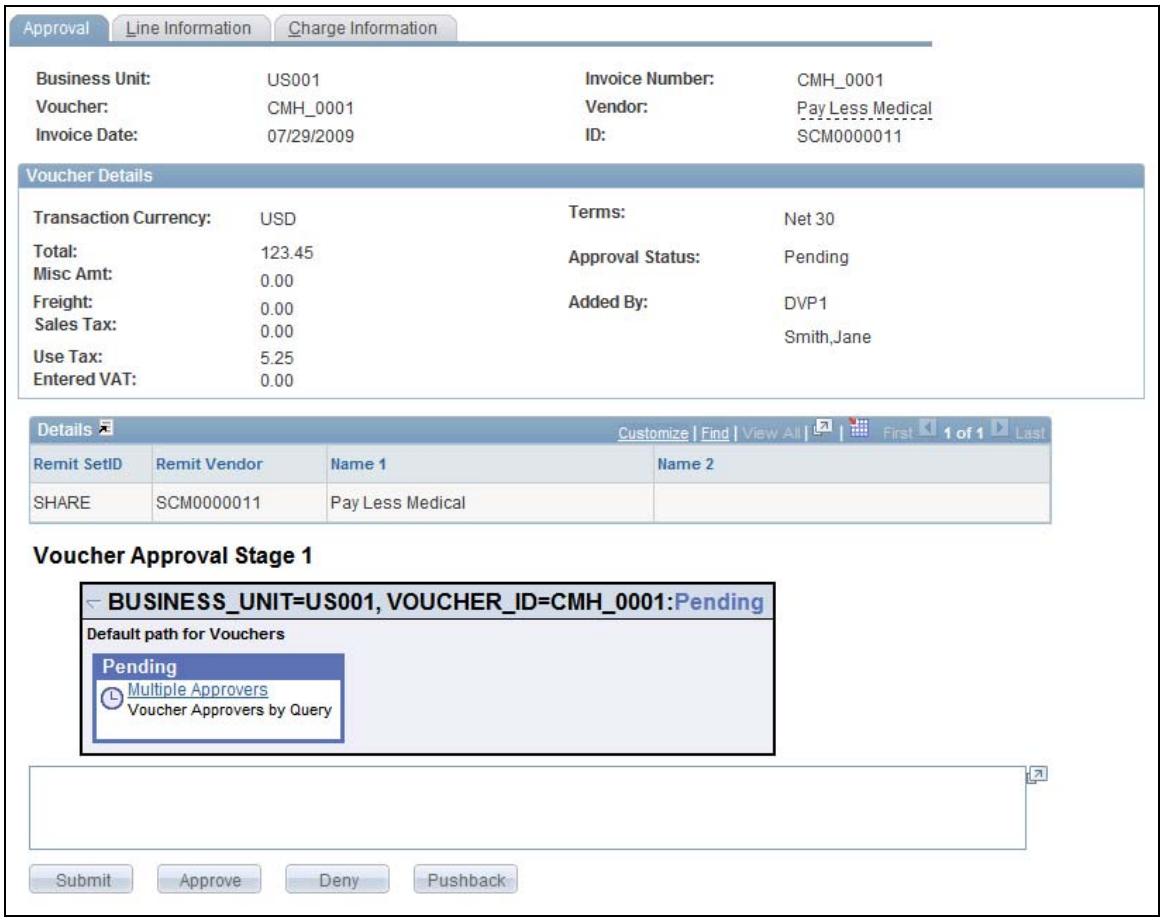

Approval page

Duplicate Vendor Checking

Vendor management is an essential part of any accounts payable operation. Reducing duplicate supplier information is critical for reducing unnecessary processing and overall costs. With PeopleSoft Payables 9.1, we continue to strengthen this capability. Previously, duplicate vendor checking functionality did not check the address, city, and state as part of the duplicate vendor validation process. Vendors may have the same name, but have different addresses, or be located in different cities or states. The new functionality checks independently for duplicate active and inactive vendors at the field option value level. This enhancement will improve the accuracy in the duplicate vendor checking process reducing the creation of supplier and the risk associated with it.

New Functionality

We will provide the option to use the vendor address, city and state as part of the duplicate vendor validation process for both online additions and batch processes.

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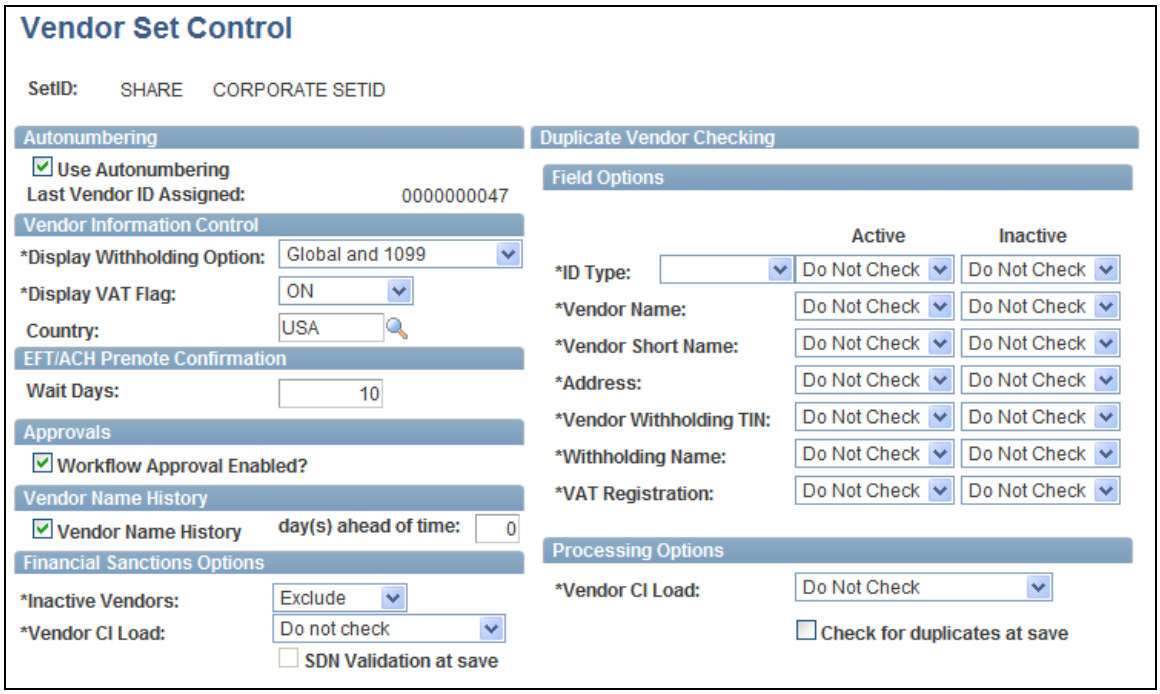
Providing the Vendor ID as part of the duplicate vendor warning or rejecting message will aid the user in identifying the potential duplicate vendor or vendors. When a potential duplicate vendor is identified, the user will be able to research the vendor information by selecting the View button and accessing more detail information about the vendor.

New functionality will provide the capability to independently check for duplicate vendors on the field option values for both active and inactive vendors. The duplicate vendor validation will be independent of the vendor's active or inactive status, and will be set differently for each field option.



Vendor Set Control page

File Attachment Capability

Customers are required to provide support for financial transactions. Compliance requirements such as Sarbanes Oxley have made the need for a systematic approach to providing financial support mission critical. Organizations are maintaining the required support in hard copy format or in spreadsheet files. In PeopleSoft Payable 9.1, we plan to allow the user to attach supporting documents at the voucher level.

New Functionality

A new Attachment page is available from the Voucher component. Users can attach as many documents as needed. The system uses the standard tools attachment built-in functions, provides a server setup and maintenance page for server information, and relies on an Application Class to manage uploading/downloading the attachments using server information from the setup page. Each attachment is assigned a unique attachment ID, and all other attachment information is stored in a single cross reference table, PV_ATTACHMENTS.

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eSettlements 9.1

In economically challenging times, organizations must find ways to manage costs and reduce the liabilities on the balance sheet to drive short and long term growth. This has created a need for systems to provide efficiency resulting in actual cost savings. PeopleSoft eSettlements, a global electronic invoice presentation and payment (EIPP) solution, enables you to optimize the settlement process with electronic invoices and payments, matching, online approval and dispute resolution, and email notifications. You can streamline invoice processing, dispute resolution, and take advantage of early payment discounts. In addition, by extending self-service and collaborative tools to your suppliers, you improve your organization's relationship with them as well as reduce the number of disruptive inquiries.

Integrated Performance Management

Dynamic Discounting

Organizations are looking for ways to increase their working capital and improve their bottom line. They have been focused on recognizing discounts on liabilities. Suppliers are now making this even more attractive by offering more discounts for early payments. In PeopleSoft eSettlements 9.1, we plan to provide Dynamic Discounting which enables suppliers to offer automated discounts for buyers who elect to pay their invoices early. Dynamic Discounting is designed to provide a more flexible discount concept than is traditionally used by most companies.

Both suppliers and buyers can benefit from the new feature. Suppliers have the option to sell receivables to factoring companies or other lenders. Dynamic Discounting eliminates the need for third-party intermediaries, giving suppliers more direct access to funds. Suppliers gain greater control over their invoicing policy and can better manage their receivable-based working capital by reducing their day sales outstanding (DSO) and ensuring on-time payment by giving buyers an incentive to pay invoices sooner. From a buyer perspective, Dynamic Discounting offers the ability to recognize additional discount rates thus reducing the liabilities on the balance sheet and costs on the P&L.

In PeopleSoft eSettlements 9.1, we plan to deliver a Discount Analysis tool for suppliers and buyers. This analysis tool is designed to assist the supplier and buyer to search for scheduled payments, create or accept offers with the least discount for the capital required by a given date. This will allow the supplier or buyer the ability to analyze their working capital and attempt to create better offers and accept offers that support their working capital objectives.

New Functionality

Dynamic Discounting is developed in eSettlements to support the following high level features:

- Supplier driven discounting allows the supplier/vendor the ability to create proposals for a group of invoices with discount terms that the buyer can accept or deny. Suppliers can gain control over their invoicing policy, better manage receivable based working capital, reduce DSO, and ensure on-time

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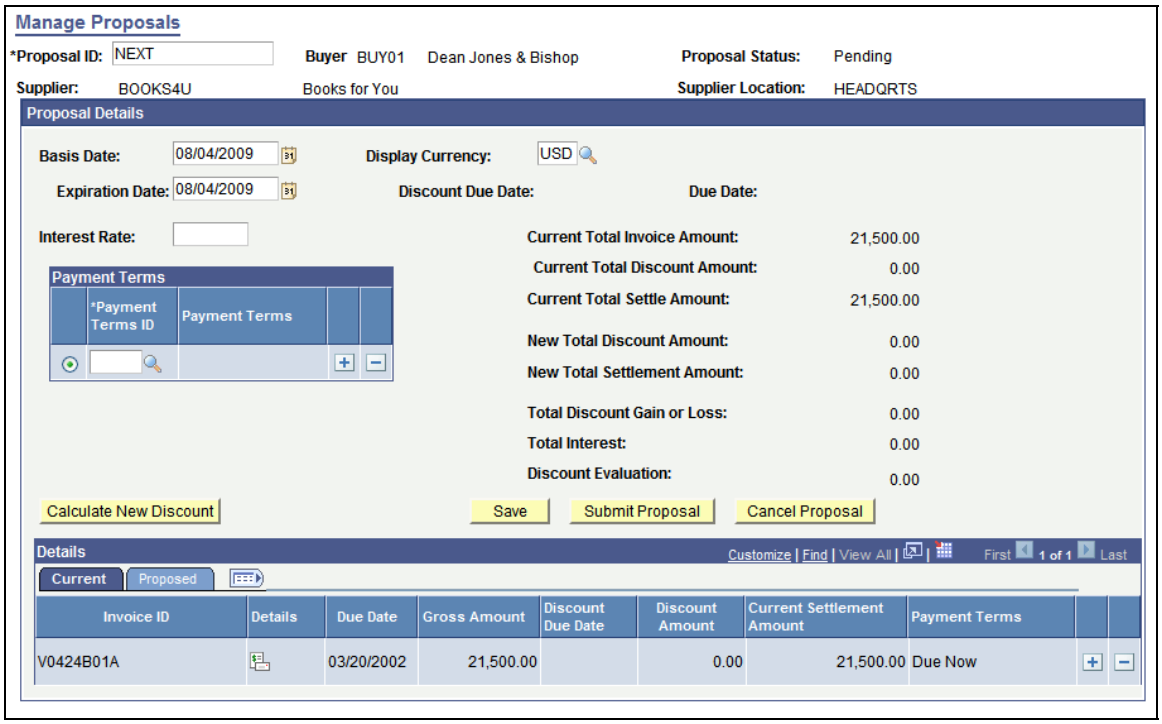
payment by giving buyers an incentive to pay invoices early.

- Buyer driven discounting allows the buyer to select one or more invoices in an offer and to propose new terms and due dates to the supplier. Organizations can make better use of their working capital by accepting proposals as well as making offers for better discounts. They can define the discounts they want to receive to ultimately improve working capital.
- Discount analysis allows a supplier and a buyer to analyze invoices based on existing discounts, accepted proposals/offers, new discounts/due dates, and so on, and to determine which choices are advantageous to them in improving their working capital.
- Ability to send emails to suppliers and buyers to indicate the status of proposals and offers.



Manage Proposals page

Streamlined Financial Processes

CXML Electronic Invoices

It is a recognized best practice to utilize electronic invoicing; however, customers need to work with many different suppliers who may use different formats. The ability to support a diverse catalogue of Invoice formats is critical. In order to facilitate best practices using the latest technology, we plan for eSettlements 9.1 to support the CXML format. This format will provide customers more flexibility to work with all their suppliers using standard electronic invoices.

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New Functionality

To load a cXML file, suppliers can either do an http post via Integration Broker Gateway or attach a cXML file to the eSettlements system. Buyers can schedule a job to launch a process (EM_XML_LOAD) to read the cXML file and load data into the voucher build table. This process will also clean up the cXML file after it is successfully loaded.

Online 1099 Report

The process to declare the 1099 is labor intensive and time consuming. It can take months between the interaction with the suppliers and the correction after the declaration. In eSettlements 9.1, we plan to deliver an online 1099 report for suppliers, which allows real time review and correction with the accounts payable department. This new online report will simplify the 1099 process by reducing administrative costs and help to get the job right the first time.

New Functionality

PeopleSoft will provide a detail date/time stamped report that provides information about the amounts for 1099MISC, 1099I, 1099G IRS forms. The report will contain the following fields at a minimum:

- Vendor ID
- Vendor Name
- Voucher ID
- Voucher Date
- Voucher line amounts
- Voucher line descriptions
- Invoice ID
- Payment number
- Payment Date
- Total for each Class
- Manual Adjustments

The report will provide the detail information that aggregates to each Class amount on the 1099 forms listed previously. The report will have an option to include all voucher lines that have not been reported to the IRS to assist in resolving discrepancies in the 1099 reports.

The report can be run for individual vendors or for all vendors. The report will reflect any changes made in the Adjusting Withholding Manual program.

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Global Compliance and Controls

Attachments

Customers are required to provide support for financial transactions to a variety of regulatory sources. Compliance requirements such as Sarbanes Oxley have made the need for a systematic approach to providing financial support mission critical. To reduce paper-based transaction and streamline the process, For eSettlements 9.1, we plan to enable the supplier to attach document to the invoice, at the vendor page, and location (for example, warranty, contract, email and so on). This will simplify the process and provide supporting documents to the electronic invoices.

New Functionality

Sometimes suppliers create invoices by copying a partial purchase order or receipt. In such cases, the supplier wants to inform the AP clerk on the buyer side as to why he did not create an invoice from the entire purchase order or receipt. We added a location on the eSettlements Self Service Invoice page to where the supplier can attach a document. The same document is carried forward and can be viewed by the buyer after the voucher is created in the buyer's payables system.

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Plan to Produce Business Process Overview

Your manufacturing and planning should not be founded on speculation, and production processes should not be based on guesswork. To make the right decisions every day, you need real-time visibility across your entire supply chain. With real-time data and a complete view of operations, you can identify and address issues as they arise. PeopleSoft Enterprise Manufacturing and PeopleSoft Supply Chain Planning deliver a complete solution for the Plan to Produce business process. When you forecast and plan, coordinate production, monitor quality and cost, and analyze results, everyone in the process can access the same information at the same time. Using the information, you can manage your manufacturing operations and all of its interdependences cohesively and connect all participants in the process from beginning to end.

The PeopleSoft Plan to Produce business process combines the Supply Chain Planning and Manufacturing solutions into one complete process that helps to more accurately align operations around key business drivers. From demand forecast creation and supply planning to production management and quality control, the Plan to Produce process provides synchronized linkage across your enterprise to help you manage variability, increase velocity, and drive value.

Plan to Produce Business Process

The Plan to Produce process consists of five phases:

- The Plan phase includes demand forecasting, supply planning, and balancing the variability across these activities. Achieving a superior demand plan requires thorough and reliable information from many sources both within and beyond the organization—internal departments, trading partners, market indicators—and it requires a system to unify these disparate perspectives and transform them into a usable forecast, which can be used to plan supply. Supply planning requires an enterprise-wide model of procurement, distribution, and production resources. Balance is achieved when all points of supply are optimized to meet demand. Optimization is achieved only when all constraints, exceptions, and options are analyzed, scored, and planned for maximum responsiveness.

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- The Deploy phase includes plan commitment, plan adjustment, and plan release. Well-conceived plans mean nothing until they are turned into action on the production floor. Each plant receives its new or changed production requirements ready for release to the production floor. These orders match and support their plant's manufacturing strategy. The plant must adjust to the daily events and fluctuations in labor, material, and machine capacity. Deviations such as material substitutions, alternative production methods, scrap, teardown, and rework must be handled smoothly and fit within the framework of the overall production plan. Scheduled work is released to the floor, and the production schedules and documents are produced just before production is to begin. This process limits the time required by production changes, limiting interruptions, expediting, and other non-value-add work.
- The Produce phase, or actual production process, includes dispatching the work orders, staging necessary materials to produce the orders, and making the products. Finally, the details and priority of the work to be done must be communicated in a coordinated fashion to each area of the plant and kept up to the minute so that work flows smoothly. One key to overall plant efficiency is quick production change over. Components, tooling, and other materials needed must be readied in the work area. This needs to be implemented in a flexible manner that balances simplicity with the need for control. The manufacturing system must keep pace. The requirement to control the factory and provide the needed product information varies dramatically from industry to industry, from lean production systems to closely monitored and serialized production processes. Either by itself, or through industry specific extensions, the manufacturing system must fill a wide range of requirements.
- The Assess phase is the critical stage of the process and includes measurement of products and processes and correction of discovered issues. Measurement goes beyond the status, efficiency and use of the assets employed in production. Monitoring the quality and costs of products and processes is critical as well as alerting management of trends before they become full-blown problems. Problems within manufacturing processes require flexibility for trying various corrective actions—communicating these actions throughout the production environment, and verifying the impact on performance. The ongoing measure, react and verify process is the key to continuous manufacturing improvement. However, persistent process or product problems may mandate changes in other areas of the enterprise. The manufacturing system must accommodate this so that the right engineering changes can be produced.

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- The Measure phase is a culmination of process monitoring and real-time analytics. Throughout the production cycle, inventory levels and costs must be monitored and compared with plans so that correction actions can be made in a timely manner to offset internal or external pressures. Tracking plans versus actual is a key analytic for manufacturers to monitor this behavior. Additionally, tracking vendor quality and performance is essential to optimal supply planning. Vendor quality ratings and on-time delivery tracking provide management and planners with key indicators for decision support. Complete process analysis provides management with visibility into causal information that provides them with opportunities for process improvements and cost savings, all aimed at impacting process performance.

The following sections preview the new Plan to Produce features and enhancements, by product, which are planned for PeopleSoft Release 9.1.

Manufacturing 9.1

Whether you are converting ingredients through a recipe into food or beverage, electronic components and assemblies through bills of material (BOMs) and routings into computer or telecommunications products, raw materials through formula into compounds, sheet metal, castings and molding parts through complex drawings, schematics and test specs into complex industrial machinery, or configured components into unique finished goods, PeopleSoft Enterprise Manufacturing assists you in designing and controlling the products and processes that contribute maximum value to your business.

Production Readiness Report

Production Readiness Report “What can I make today?” Production planners and supervisors have asked this question and want to determine which production has all its material available and which production has material shortages. Production with all material available can be released to the shop floor. Production with shortages needs to be investigated to determine when it can be released to the shop floor. In Release 9.1, we plan to provide a ***Production Readiness Report*** that displays production and the status, ready or not ready and the component readiness status and quantities.

New Functionality

The new Material Readiness report will help you determine if the production ID or production schedule is ready to release It also lets you view the quantities and readiness status of the components.

The Material Readiness report will include two or three sections:

- Report Criteria section: This section will detail the options you select on the run control pages for the Material Readiness report.

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- Production Detail section: This section will display production readiness by production ID or production schedule. You will produce this section by selecting the Production Report check box on the Material Readiness Report run control page.
- Component Summary section: This section will display time-phased demand and supply quantities by component item ID, enabling you to determine if there is enough available quantity to meet the demand. You will produce this section by selecting the Summarized Component Report check box on the Material Readiness Report run control page.

ORACLE
Enterprise Production Control

Material Readiness Report

Report Date 7/6/09 3:52 PM
Page 1 of 4

US008 COLORADO BIKE MFG/OUTDOOR

Report Criteria

Report Instance ID	9396			
Account for Order Time	No			
Production Report	Yes			
Readiness State	Ready, Unready			
Component Detail	Yes			
Unready Components Only	No			
Component Sort	Op Sequence, Component			
Sort Order	Readiness		Ascending	Break: No
Summarized Components Report	Yes			
Report Demand	Yes			
Report Supply	Yes			
Report Pegs	Yes			
Sort Order	Component ID		Ascending	Break: No
Production IDs Selected	Yes			
Production ID	PRD00232	-	PRD00233	
Schedules Selected	No			
Through Date	7/26/09			
Production Status	Firmed, Released			
Demand Options				
Include Demand	Yes			
Date Range	6/21/09	-	7/26/09	
Priority Order	Sales Order, Stock Request, Transfer, Production			
Supply Options				
Include Supply	Yes			
Date Range	6/26/09	-	7/26/09	
Approved Requisitions	Yes			
Include Null Dates	Yes			
Include WIP in QOH	Yes			
Entered Production	No			
Co-Products/By-Products	Yes			

Example of the Report Criteria section of the Material Readiness report

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ORACLE
Enterprise Production Control
US008 COLORADO BIKE MFG/OUTDOOR

Material Readiness Report
Production Detail

Report Date 7/6/09 3:52 PM
Page 2 of 4

Production ID	PRD00233	**Production Area**	FINAL
Item ID	SR2100	**Status**	Released
Description	Brake Subassembly	**Configuration Code**	
Start Qty	10.0000	**End Qty**	10.0000
Start Date	7/15/09 7:00 AM	**End Date**	7/15/09 9:40 AM
BOM Code	1	**Routing Code**	1
Ready	No		

Ready	Component ID/ Description /Configuration	Source Code/ UOM	Op/ QTY Code	Date/Time	Short QTY	Open Demand QTY	Available Supply QTY	Total Available/ Reserved QTY	Total Demand/ Incoming Supply QTY
No	BR4400 Yoke, Brake Subassembly	Buy EA	10 Asy	7/15/09 7:00 AM	5.0000	10.0000	5.0000	35.0000 0.0000	75.0000 75.0000
	BR4401 Tension Adjustment Screw	Buy EA	10 Asy	7/15/09 7:00 AM	0.0000	10.0000	1452.0000	1462.0000 0.0000	20.0000 0.0000
	BR4402 Brake Cable	Buy EA	10 Asy	7/15/09 7:00 AM	0.0000	10.0000	1685.0000	1695.0000 0.0000	20.0000 0.0000

Production ID	PRD00232	**Production Area**	FINAL
Item ID	SR2100	**Status**	Released
Description	Brake Subassembly	**Configuration Code**	
Start Qty	10.0000	**End Qty**	10.0000
Start Date	7/13/09 7:00 AM	**End Date**	7/13/09 9:40 AM
BOM Code	1	**Routing Code**	1
Ready	Yes		

Ready	Component ID/ Description /Configuration	Source Code/ UOM	Op/ QTY Code	Date/Time	Short QTY	Open Demand QTY	Available Supply QTY	Total Available/ Reserved QTY	Total Demand/ Incoming Supply QTY
	BR4400 Yoke, Brake Subassembly	Buy EA	10 Asy	7/13/09 7:00 AM	0.0000	10.0000	30.0000	35.0000 0.0000	75.0000 75.0000
	BR4401 Tension Adjustment Screw	Buy EA	10 Asy	7/13/09 7:00 AM	0.0000	10.0000	1462.0000	1462.0000 0.0000	20.0000 0.0000
	BR4402 Brake Cable	Buy EA	10 Asy	7/13/09 7:00 AM	0.0000	10.0000	1695.0000	1695.0000 0.0000	20.0000 0.0000

Example of the Production Detail section of the Material Readiness report

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ORACLE
Enterprise Production Control
US008 COLORADO BIKE MFG/OUTDOOR

Material Readiness Report
Component Summary

Report Date 7/6/09 3:52 PM
Page 3 of 4

Item ID	BR4400	**Description**	Yoke, Brake Subassembly		
Source Code	Buy	**Open Demand Qty**	75.0000	**Peg Qty**	20.0000
Unit of Measure	EA	**Available Qty**	35.0000	**Incoming Supply**	75.0000
Buyer Code	VP1 Kenneth Schumacher	**Primary Vendor Name**	BIKE-001	**BU Available Qty**	30.0000
Planner Code	LK Kabratsi,Lou	**Shortage**	Yes	**WIP Qty**	5.0000

Time-Phased Demand and Supply

Short	Order Type	Order No	Date	Order/ Adjust QTY	Available QTY	Ship Customer/ Vendor Name	Peg Type	Peg Order/ Customer
	Purchase Order	US001/0000000205/1	Staged	+ 5.0000 0.0000	40.0000	ERNIE'S-001		
	Purchase Order	US001/0000000205/1	7/3/09 12:00 AM	+ 10.0000 0.0000	50.0000	ERNIE'S-001		
	Stock Request	US008/MSR0000070/1 /1	7/3/09 1:30 PM	- 20.0000 0.0000	30.0000	USA - Colorado		
	Production Demand	US008/PRD00232/10	7/13/09 7:00 AM	- 10.0000 0.0000	20.0000			
	Stock Request	US008/MSR0000071/1 /1	7/15/09 3:00 PM	- 15.0000 0.0000	5.0000	USA - Colorado		
Yes	Production Demand	US008/PRD00233/10	7/15/09 7:00 AM	- 10.0000 0.0000	-5.0000			
	Purchase Order	US001/0000000206/1	7/16/09 12:00 AM	+ 60.0000 20.0000	35.0000	ERNIE'S-001	Stock Request	US008/MSR0000072/1 USA - Colorado
	Stock Request	US008/MSR0000072/1 /1	7/20/09 2:01 PM	- 20.0000 20.0000	35.0000	USA - Colorado	Purchase Order	US001/0000000206/1

Item ID	BR4401	**Description**	Tension Adjustment Screw		
Source Code	Buy	**Open Demand Qty**	20.0000	**Peg Qty**	0.0000
Unit of Measure	EA	**Available Qty**	1462.0000	**Incoming Supply**	0.0000
Buyer Code	VP1 Kenneth Schumacher	**Primary Vendor Name**	BIKE-001	**BU Available Qty**	1462.0000
Planner Code	LK Kabratsi,Lou	**Shortage**		**WIP Qty**	0.0000

Time-Phased Demand and Supply

Short	Order Type	Order No	Date	Order/ Adjust QTY	Available QTY	Ship Customer/ Vendor Name	Peg Type	Peg Order/ Customer
	Production Demand	US008/PRD00232/10	7/13/09 7:00 AM	- 10.0000 0.0000	1452.0000			
	Production Demand	US008/PRD00233/10	7/15/09 7:00 AM	- 10.0000 0.0000	1442.0000			

Example of the Component Summary section of the Material Readiness report

Automatic Lot Consumption During Backflush

Users have requested the need for rules-based logic to determine which lot IDs to consume during backflushing. For Release 9.1, we plan to provide the option to create ***rules that will determine the lot IDs to consume***, which will speed up data entry when you are backflushing during completions and scrapping transactions.

New Functionality

The backflush lot selection rule enables you to determine which lot IDs are automatically selected for consumption when a backflush is performed. The backflush lot selection rule can be defined at:

- The business unit level using the MFG BU Prnd Options page. The options for the backflush lot selection rule are located in the Backflush Lot Option group box and include:
  - Manual: (default) Select this option to require the user to enter the specific lot IDs consumed during backflushing. The system does not automatically select any lot IDs.
  - Earliest Expiration Date: Select this option to have the system select the lot IDs for consumption based on the lot expiration date. The system first selects the lots with the earliest expiration dates.

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  - Earliest Available Date: Select this option to have the system select the lot IDs for consumption based on the available date. The system first selects the lots with the earliest available dates.

- The business unit and item-level using the Define Business Unit Item - Manufacturing: General page. The options for the backflush lot selection rule are located in the Backflush Lot Option group box and include:
  - Default from BU: (default) Select to use the backflush lot selection rule defined at the manufacturing business unit level on the MFG BU Prnd Options page.
  - Manual
  - Earliest Expiration Date
  - Earliest Available Date

The backflush lot selection rule defined at the business unit and item combination (the Define Business Unit Item - Manufacturing: General page) overrides the option selected at the business unit level (the MFG BU Prnd Options page).

The backflush lot selection rule is applied during backflush and impacts the following components.

- Record Completions and Scrap (Production Control, Process Production, Complete Production, Record Completions and Scrap).
- Edit/Issues Components (Production Control, Process Production, Issue Materials, Edit/Issue Components).
- Receive Subcontract Assembly (Production Control, Process Production, Subcontract Production, Receive Subcontract Assembly).

The above components can be used in online or deferred mode. If you are using the online mode (PID Completion Option on the MFG BU Prdn Options page), the online pages display the results of the backflush lot selection rule; that is, the lot ID and quantity to be consumed from the work in process (WIP) location. You can view and override the selected lot IDs and quantities. If you are using the deferred mode (PID Completion Option on the MFG BU Prdn Options page), the system does not consume the components until later; however, you can use the online pages to enter override lot IDs and quantities.

Using the online mode, if the backflush process has completed and then a field is changed that causes the pending quantities field to be recalculated, a recalculation of backflush lot selection rule occurs.

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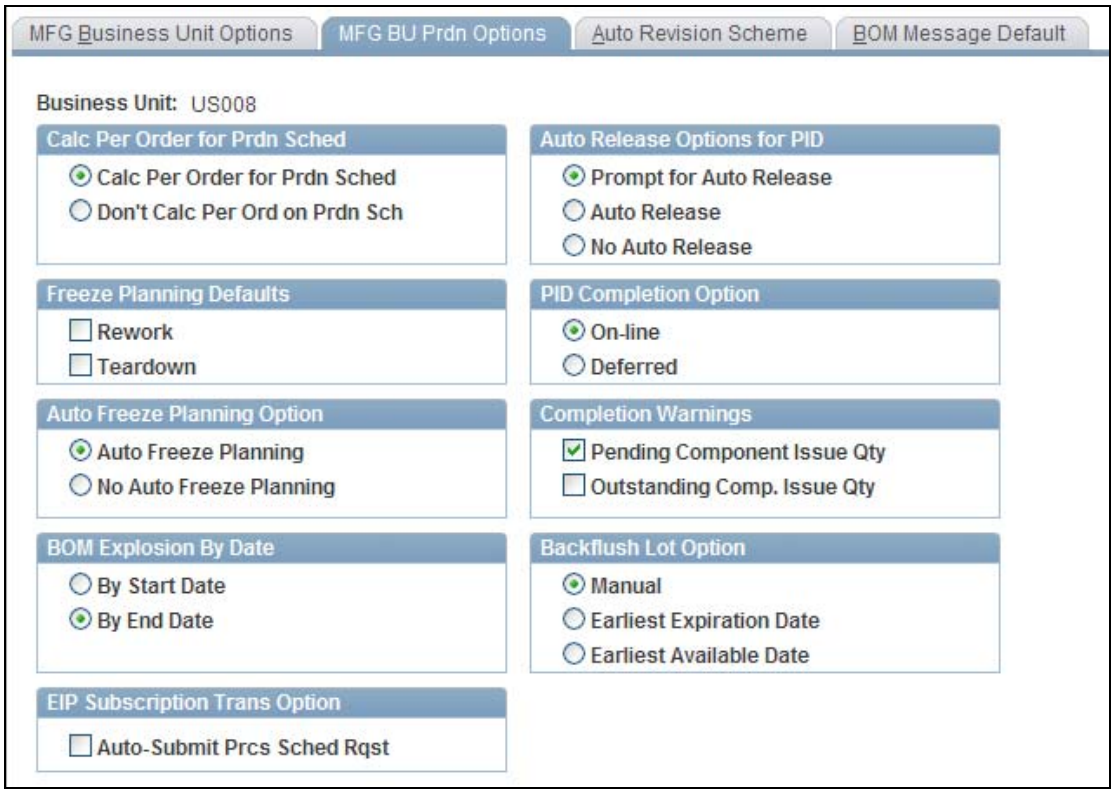

Backflush Lot Option on the MFG BU Prdn Options page

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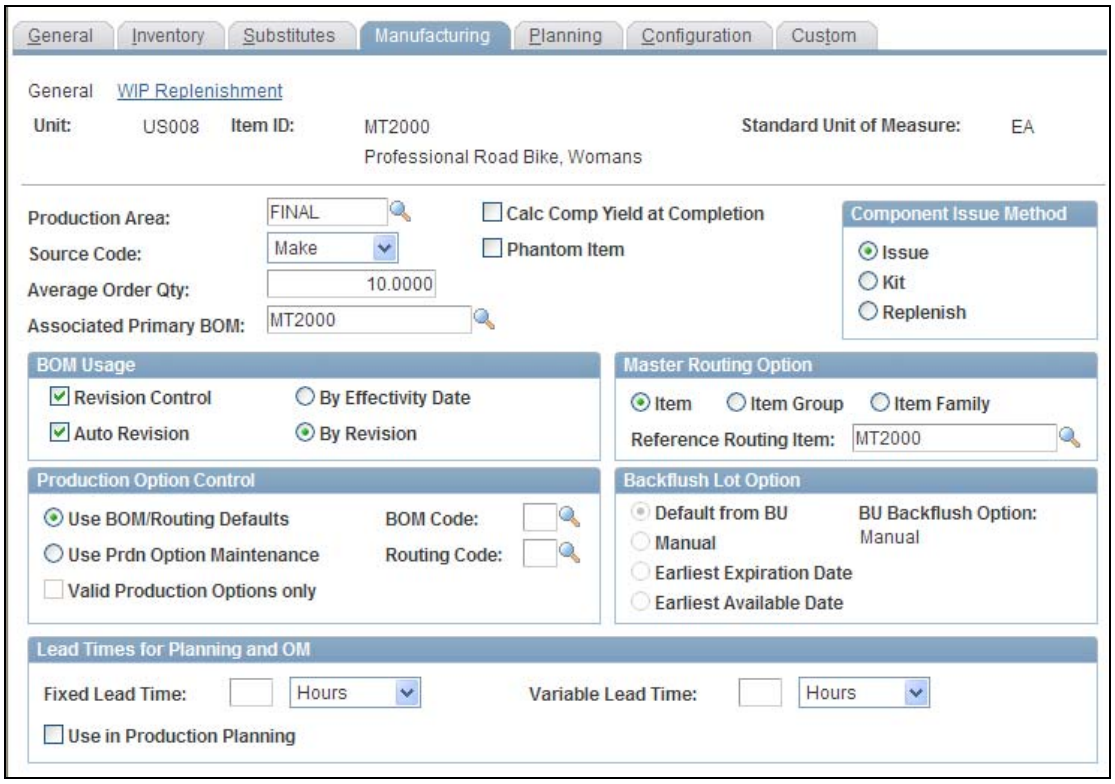
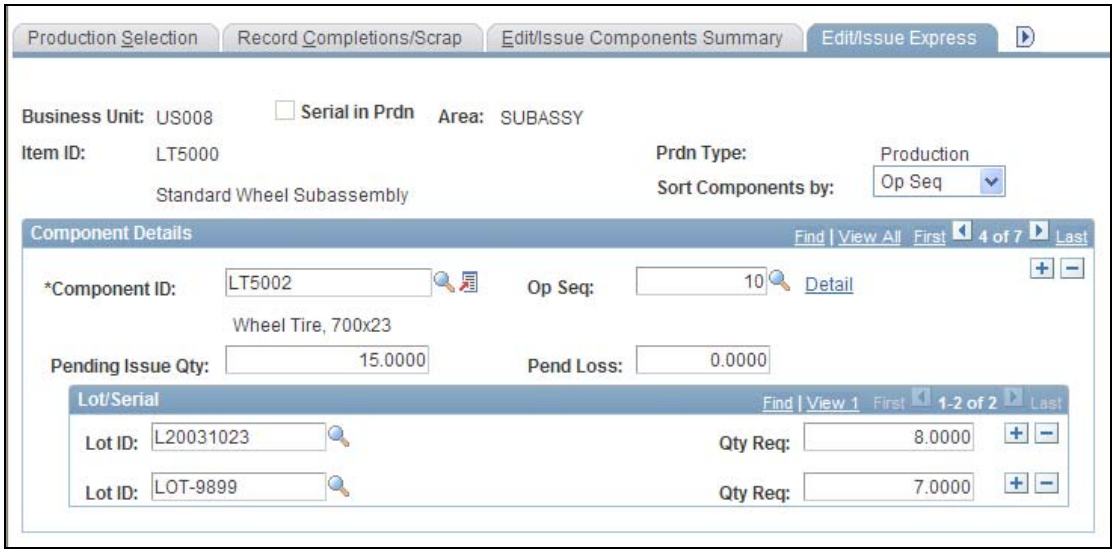


Backflush Lot Option on the Define Business Unit Item - Manufacturing: General page



Record Completions and Scrap-Edit/Issue Express page

The Record Completions and Scrap-Edit/Issue Express page is one location where you can see the results of the backflush lot selection rule.

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Generating Production Orders Using Pegging

To provide excellent customer service, your in-process production becomes an integral part of your supply visibility. However, if you don't have that product in production, and nothing is yet planned, you need a mechanism to "kick-start" that process in order to fulfill your customer demand. If you are using the pegging functionality in PeopleSoft Order Management, with Release 9.1 we plan for you to be able to generate new production orders as a source of supply from PeopleSoft Order Management. Currently, we allow this only with configured products. With Release 9.1, we plan for authorized users to be able to ***generate production orders as a source of supply for sales order demand***.

New Functionality

Currently, you can peg a sales order to an existing production ID using a soft peg. In Release 9.1, you will be able to create a new production ID to fulfill the sales order demand.

This process flow diagram illustrates pegging a sales order to a new production ID. The sequence of events in the process flow is explained following the diagram:

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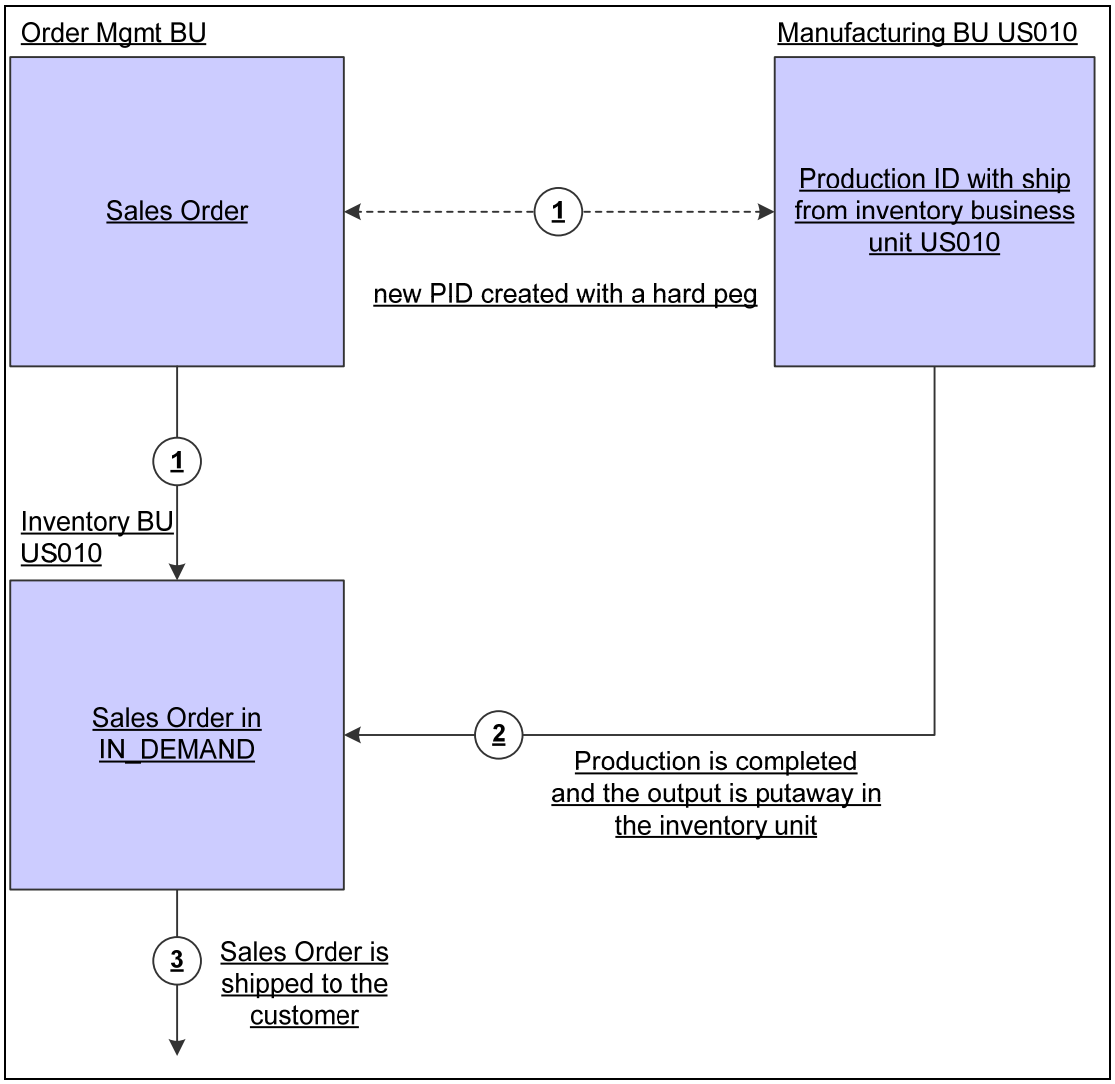

Pegging a sales order to a new production ID

The process flow to peg a sales order to a new production ID will be:

1. Peg a sales order by using the Alternate Sources of Supply page in PeopleSoft Order Management to create a new production ID to fulfill the sales order. This will be a hard peg between the sales order and production ID. The production ID will be created when the sales order is saved. When the sales order is saved it is inserted into the IN_DEMAND table in PeopleSoft Inventory.

2. The production is completed, and the output placed in the inventory business unit. During putaway, the stock will be soft-reserved or optionally allocated to the sales order. The peg status changes to complete in the IN_PEGGING record and in the supply and demand transactions if either:

- The production order is closed.

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- All the pegged quantity has been received and putaway. If the notification framework has been defined for the Message Dashboard, then a notification can be sent to the owner of the peg when the stock completes putaway in the Inventory business unit.

3. The sales order is fulfilled in PeopleSoft Inventory and shipped to the customer.

In addition, you will be able to peg a sales order to a production ID when the ship from inventory business unit is different between the sales order and the production ID. In previous releases, this option applied only to configured products.

This process flow diagram illustrates pegging a sales order to a production ID in PeopleSoft Manufacturing when the ship from inventory business unit is different between the sales order and the production ID. In other words, the stock is shipped to the customer from a different warehouse or distribution center than the manufacturing finished goods warehouse. The sequence of events in the process flow is explained following the diagram:

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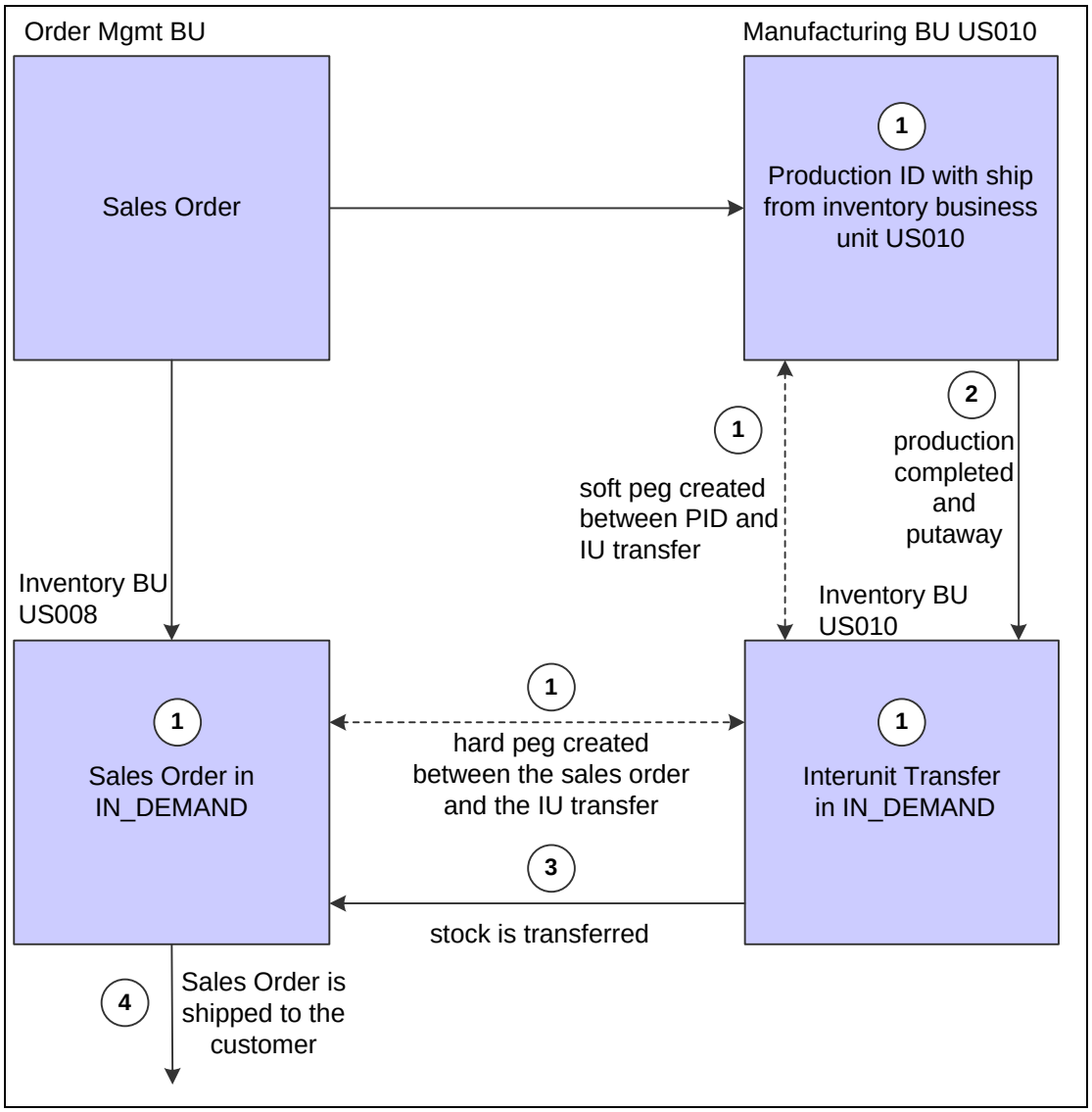

Pegging a sales order to a production ID with a distribution center

The process flow to peg a sales order to a new production ID when the ship from inventory business units are different between the demand and supply transactions:

1. Use the Alternate Sources of Supply page in PeopleSoft Order Management to create and peg to a new production ID. When the sales order is saved, the PeopleSoft system will:

- Insert the sales order into the IN_DEMAND table in PeopleSoft Inventory.
- Create a new production ID.
- Create an interunit transfer (material stock request) to move the finished stock from the production ID's inventory business unit to the sales order's ship from inventory business unit.

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- Create two pegs. One peg between the production ID and the interunit transfer and another peg between the interunit transfer and the sales order.

2. The production is completed and the output placed in the inventory business unit with the same name as the manufacturing business unit; this is the production ID's inventory business unit. During putaway, the stock will be reserved or allocated to the outgoing interunit transfer. The status of the first peg will be changed to complete if either:

- The production order is closed.
- All the pegged quantity has been received and putaway.

3. The interunit transfer is used to ship the stock from the sending business unit to the destination business unit. When the stock is putaway in the sales order's ship from inventory business unit, the stock is reserved or allocated to the outgoing sales order. The status of the second peg is changed to complete in the IN_PEGGING record.

4. The sales order is fulfilled and shipped to the customer.

Inserting Negative Quantities into PHYSICAL_INV for Issue Transactions

PeopleSoft Manufacturing will allow negative inventory quantities to be recorded in PHYSICAL_INV rows that did not previously exist. This enables you to backflush a component quantity to a WIP location even though the transaction recording the WIP quantity has not yet been processed. To use this enhancement, you must select the Allow Negative Inventory check box on the Inventory Definition - Business Unit Options page. This enhancement is applied only to non-serial controlled items.

New Functionality

This enhancement affects component issues, kit issues, and completions in the following menus, components and processes in PeopleSoft Manufacturing:

- Edit/Issue Components
- Issue/Return Kit Components
- Record Completions and Scrap (component consumption and negative completions)
- Receive Subcontract Assembly (negative)
- Review Plan page
- Component Issues wedge page
- Kit Issues wedge page
- Production Picking wedge page
- Transaction Maintenance wedge page
- Maintain Serial Genealogy component

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Note: The system will prevent inserting a new physical inv row if any of the item's cost books has a deplete cost method that is perpetual average and a perpetual average cost is not defined. If a perpetual average cost is not defined, then the item has never been putaway into the business unit and PeopleSoft Cost Management cannot cost the issue transaction.

Supply Planning 9.1

Using a powerful analytic calculation engine, Oracle's PeopleSoft Supply Planning simultaneously balances material requirements, capacity limits, target inventory levels, forecasts, and customer commitments to craft feasible supply chain schedules in manufacturing and distribution environments. For release 9.1, we selected enhancements logged by the members of the Distribution and Manufacturer's User Group. The recurring themes for these requests were around the ease of setup, flexibility in modeling and editing planning results.

Many times, you need to interact with the sourcing template on the planning instance without having to access the master template. It is a time-consuming effort to go back and forth editing the template to attain the results that you want. With Release 9.1, we plan to enable users the option of ***editing the template within the planning instance*** so that you can model the results. If the changes result in the desired outcome, we plan to allow you to copy the changes back to master and vice-versa.

You sometimes need to identify various priority vendors by region for purchasing purposes. Previously, Supply Planning didn't recognize this hierarchy. For Release 9.1, we plan to add the ***regional vendor hierarchy in the purchasing option selection***.

Currently, vendor lead times are only at the purchase item level. For Release 9.1, we plan to ***recognize the lead-time hierarchy*** of ship to locations, regional vendors and item vendors.

We also plan to provide the ability to ***use the minimum and maximum order modifier*** identified within the PeopleSoft Purchasing hierarchy instead of requiring that users enter this information manually.

At times, users may not want to include the supply from one-time or temporary vendors and in the past you had no way to exclude them from consideration by Supply Planning. In Release 9.1, we plan to add a flag that will enable you to ***exclude certain vendors as a valid source of supply***. We also plan to make this new functionality apply to transfer order relationships.

In certain cases, the Supply Planning system would suggest creation of new sources of supply when existing supply may have existed to address the demand. For PeopleSoft Supply Planning Release 9.1, we plan to ***extend our current late supply logic in Feasible Solver*** to consider existing sources of supply such as production IDs and transfer orders. Additionally, we plan to provide an option to create planned transfers with the available planned on-hand quantity if quantities exist in the source business unit.

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Currently, the Planning Cycle run control has only six fixed process steps. Users can pick processes only from those six steps, or multiple iterations of these steps in a planning cycle to be able to generate a workable plan. With Release 9.1, we plan to provide ***more process options for each planning cycle step*** and you will be able to control how many steps and what processes to run and the order in which they should be run.

Some users have requested more flexibility in the handling of quantity changes to actual production and purchase orders. Currently, these types of changes must be handled manually in the transactional systems. For Release 9.1, we plan to enable you ***to make changes to existing supply*** in Supply Planning instead of requiring you to manually carry out the recommended changes in the transaction system.

Additionally, we plan to enable the Post process to ***consider vendor lead times***. If planned or changed purchase order messages are within the vendor lead-time, we plan to flag those items appropriately with a new option on the run control.

Numerous repetitive purchase orders for the same item and vendor combination resulted from Supply Planning messages not taking advantage of consolidation. For Release 9.1, we plan to enable you to ***consolidate requests so that a different purchase order isn't generated*** for each purchase order recommendation from Supply Planning.

Currently, when planned orders or ***production, transfer, or purchase orders*** are frozen, you cannot reschedule or cancel them. In Release 9.1, we plan to provide the capability to make the ***cancellation of planned, production, transfer, and purchase orders optional in solvers including frozen orders***.

An online version called Capacity Workbench enables the user to query for capacity utilization for a given business unit, resource code, and time duration in PeopleSoft Supply Planning. For Release 9.1, we plan to provide the ability to ***produce the capacity utilization report in batch, using Oracle XML Publisher***.

New Functionality

To support editing sourcing templates within the planning instance so that you can model the results, PeopleSoft Supply Planning 9.1 will enable you to maintain sourcing templates within each Planning Instance, and copy changes made to planning-instance sourcing templates directly back to the business unit sourcing template. You can also protect sourcing template changes copied to the business unit level from being overwritten when sourcing template regeneration is run for the business unit.

The next example illustrates the Define Sourcing Templates page used in Release 9.1:

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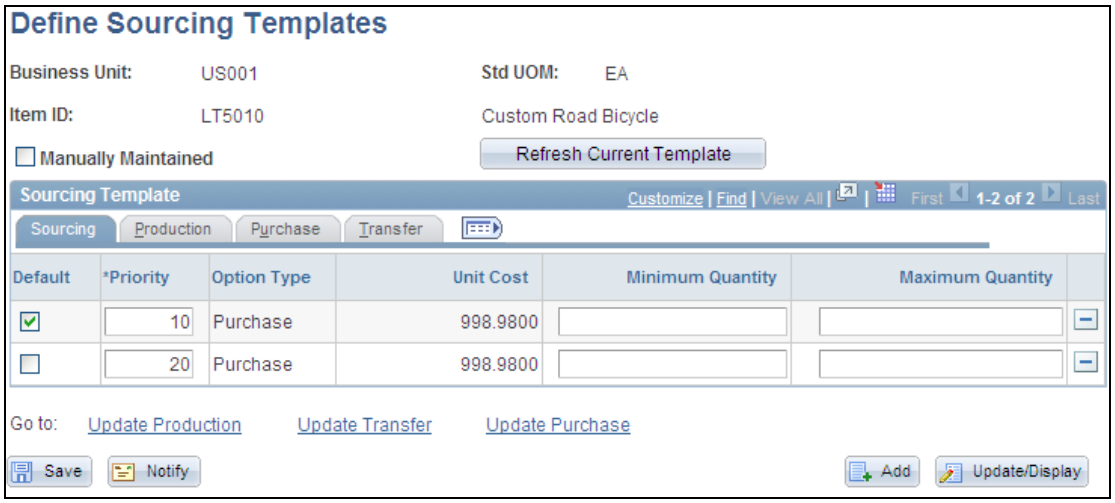
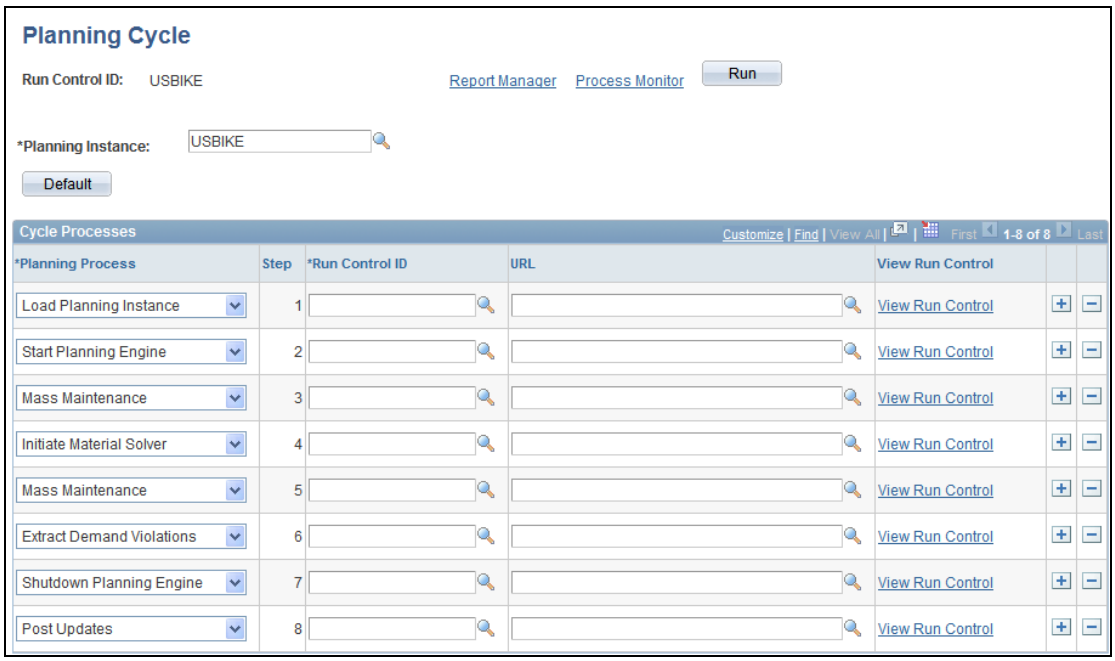


Define Sourcing Templates page

You can use this planning instance page to maintain sourcing templates within a planning instance and to copy changes made to planning instance sourcing templates directly back to the business unit (master) sourcing template. You can reset the Manually Maintained check box at the business unit sourcing template.

To support the need for more process options for each planning cycle step, PeopleSoft Supply Planning 9.1 will provide an updated Planning Cycle page as shown in the next example:



Planning Cycle page

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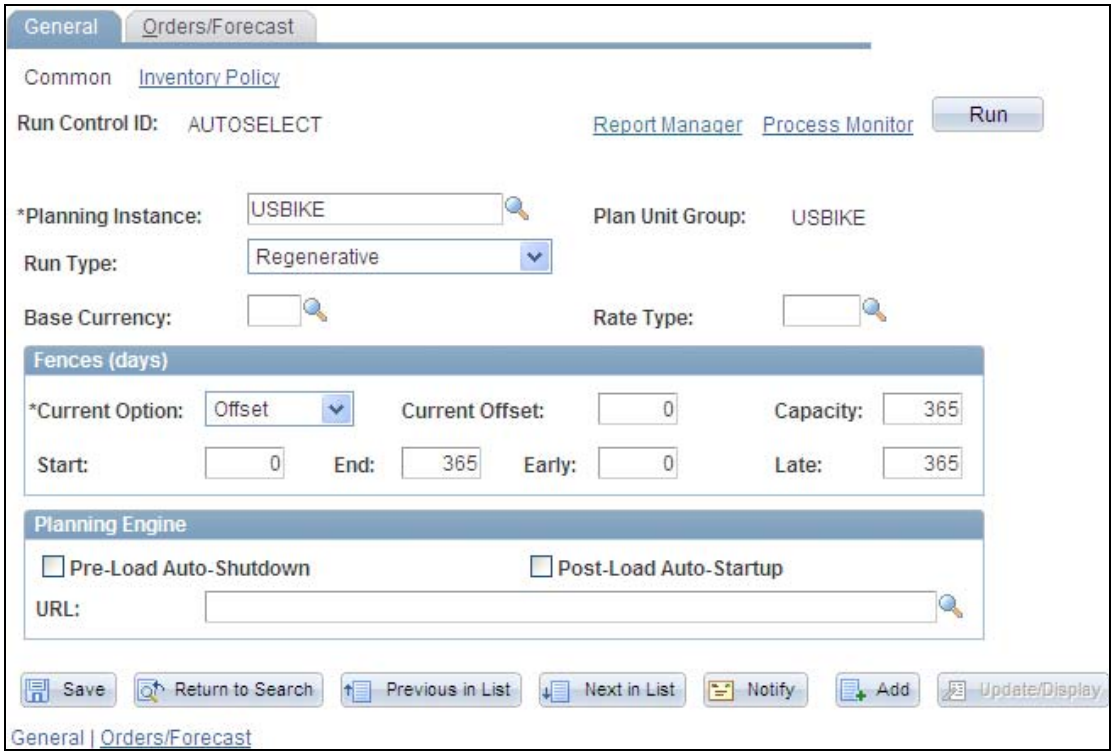
You will use the page to better control how many steps and what processes to run in the planning cycle and the order in which they should be run. For example, you can insert planning-cycle steps using the Planning Process field, or you can delete steps from the process using the Delete button. You will click the Default button to generate the steps of a planning cycle based on default values. You will also be able to add planning cycle steps to the Start Planning Engine or the Shutdown Planning Engine for each Application Engine job that requires the optimization engine be started or shutdown.

Additionally, Load Planning Instance and Post Update gives the user the option to shut down the planning engine before running the job and restart the engine after the system completes the job.

You will be able to define when to start the optimization engine job using the Load Planning Instance component as the next example illustrates:



General: Common page for loading a planning instance

In PeopleSoft Supply Planning 9.1, you will be able to select the Pre-Load Auto-Shutdown check box to start the optimization engine before you run the Load Planning Instance and have the engine stop after the process runs. Or, you can select the Post-Load Auto-Startup check box to run the Load Planning Instance after you load the planning instance.

You will use the URL field to specify the location of a planning server where you want to start the planning engine after the Load Planning Instance has finished. If you do not specify a URL here, the system uses the default URL.

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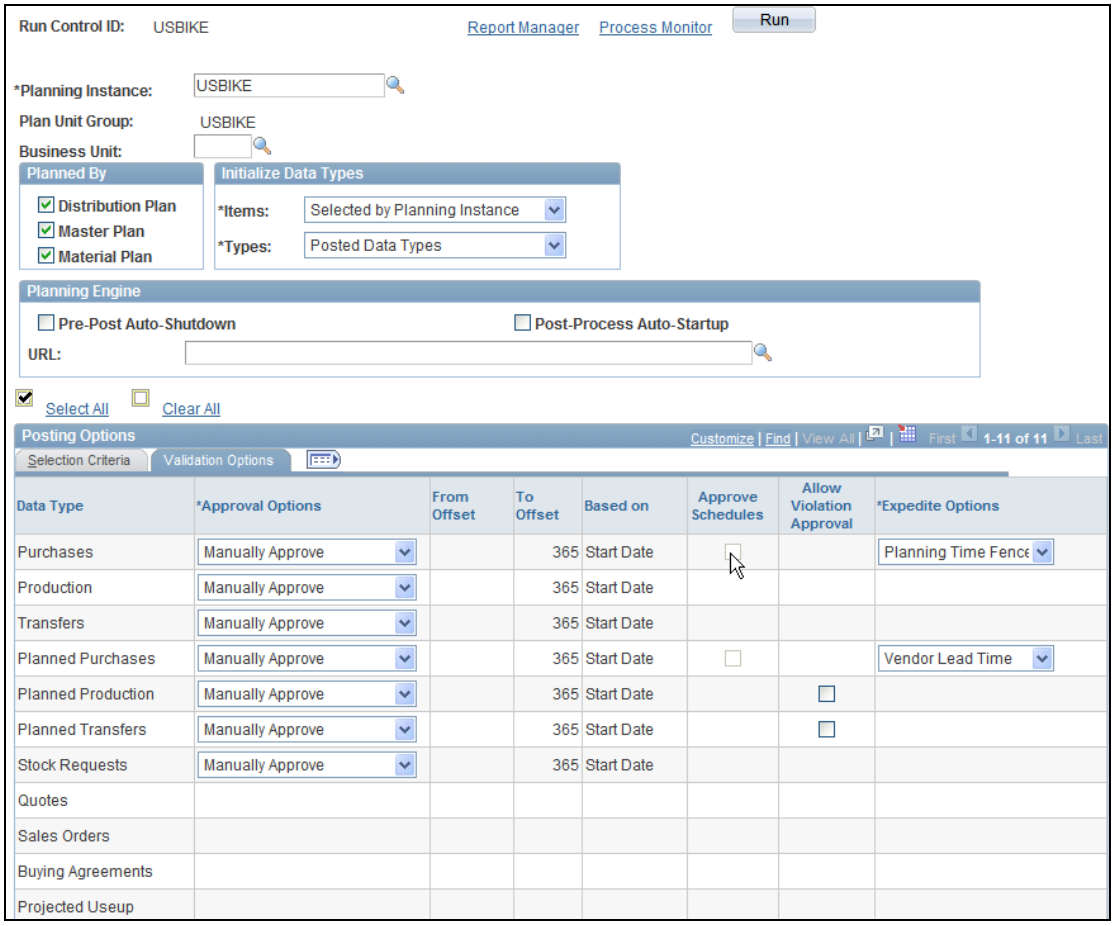
To obtain a URL, the system uses the domain that you use to run the solver if the planning instance is running. If the planning instance is not running, and you did not specify a domain, or if the planning instance fails to start on the domain that you specify, the system will use the default domain that you define on the Planning Engine Domains page.

In release 9.1, you will be able to change the quantity for production orders. Purchase order and production order quantity changes will be recognized for approval in Post Updates. The quantity changes that are approved will be applied to the transactional system. This example illustrates the posting options:



Post Update page

Vendor Lead Time or the Planning Time fence will be used in the expedite calculation for planned purchases or purchase orders. You will also have the option to post by the plan unit group for planning instance or by a single business unit within the plan unit group for the planning instance.

To support a more flexible and uniform selection criteria for message searches in PeopleSoft Supply Planning 9.1, additional selection criteria will be available to reduce the number of returned search results for Inventory, Purchasing and Production Approval Pages. This example illustrates the new Search page for Approve Inventory Updates messages:

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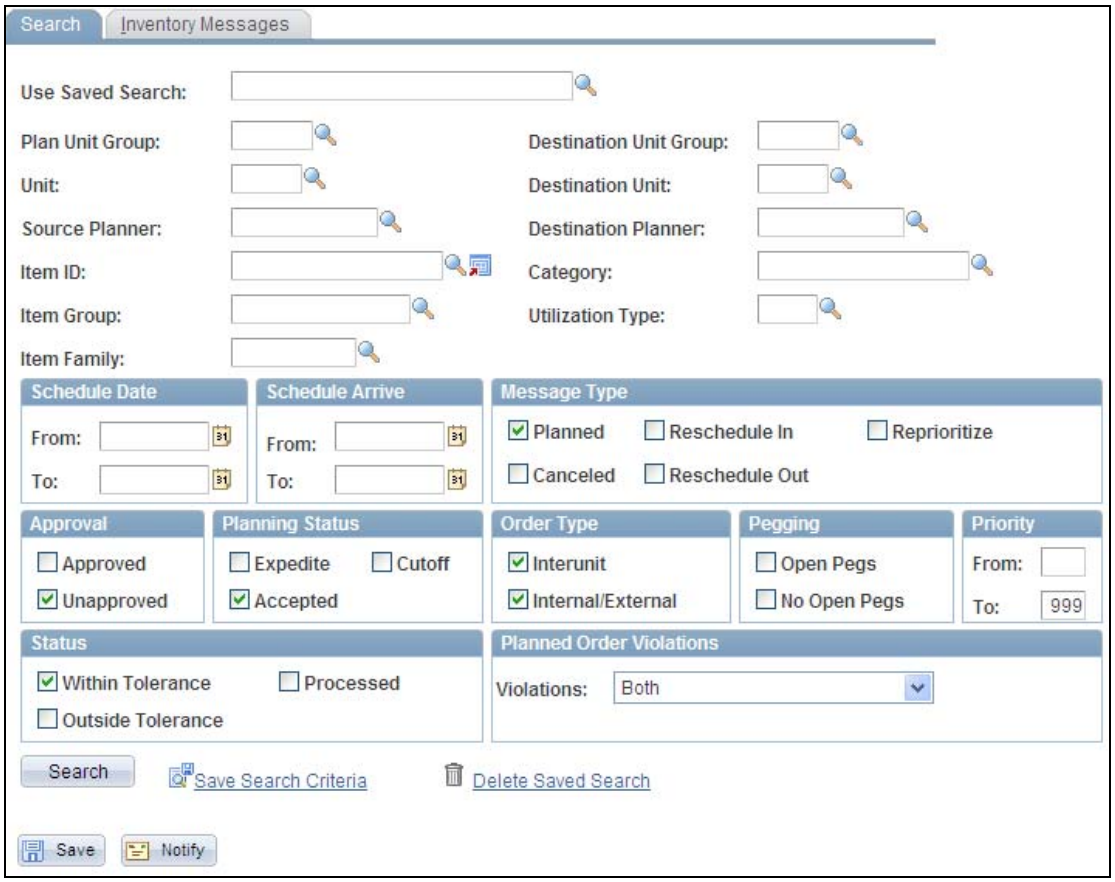

Search page for approved PeopleSoft Inventory updates

When you enter search criteria, if a default value planning instance has been associated with a user, the system automatically displays the business unit group assigned to that planning instance. If there is not a default business unit group, the system uses the business unit defined as the user's preference. Other selection criteria include, for example, source planner, category, and item group. You can also limit the search to specific schedule start dates and arrival dates. The retrieved results for this type of search provide you a range of inventory updates.

You will use the Feasible Solver and Material Solver pages to cancel frozen planned orders, production, transfer, and purchase orders in solvers. Frozen orders can be cancelled by the solvers if the orders are in excess. You will also be able to disallow the cancellation of nonfrozen orders. This example shows the Feasible Solver page:

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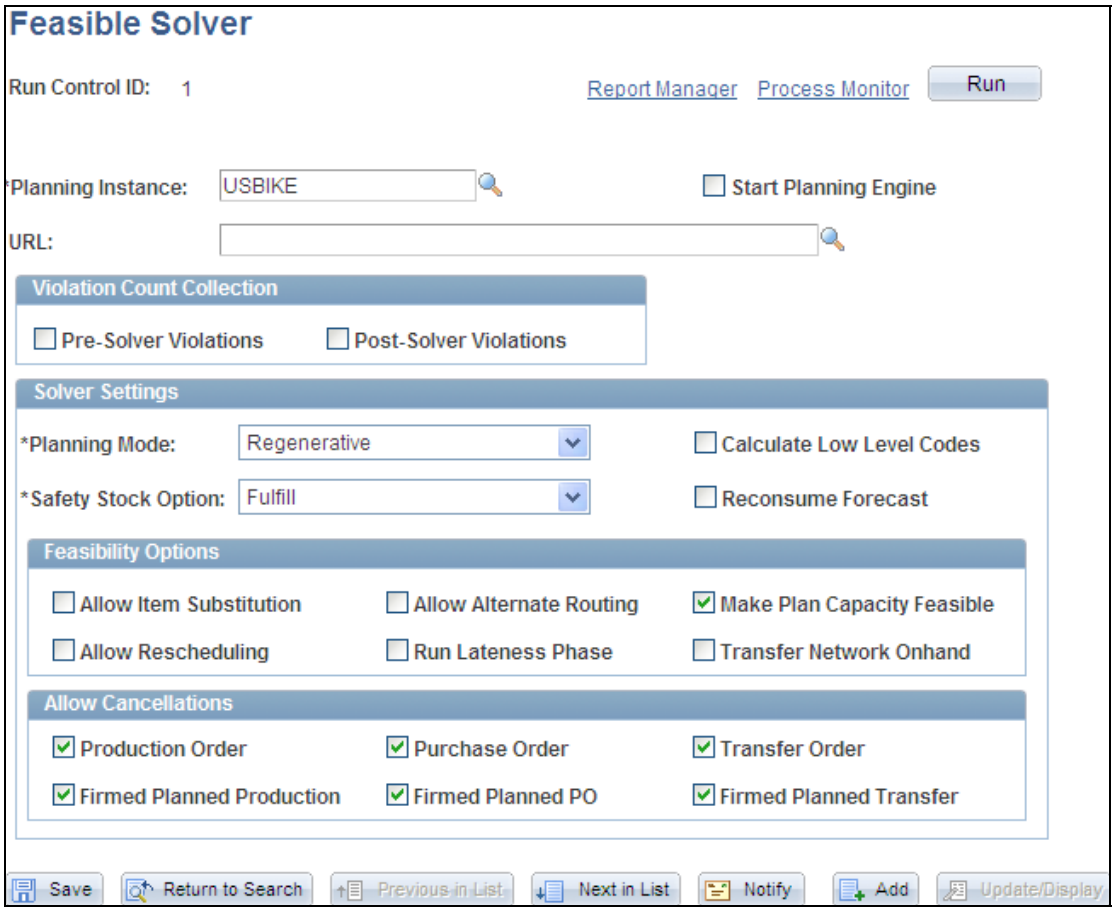

Feasible Solver page

A final update for PeopleSoft Supply Planning for Release 9.1 is the introduction of a Capacity Report. Planners will normally define the planning instance and load it into the system. Next, they will run either the material plan to determine material requirements or the Feasible Solver to resolve material feasibility for resolvable material violations. Finally, planners will run the Capacity Report after which they can review the report using Oracle's XML Publisher.

This example shows how the new Capacity Report page:

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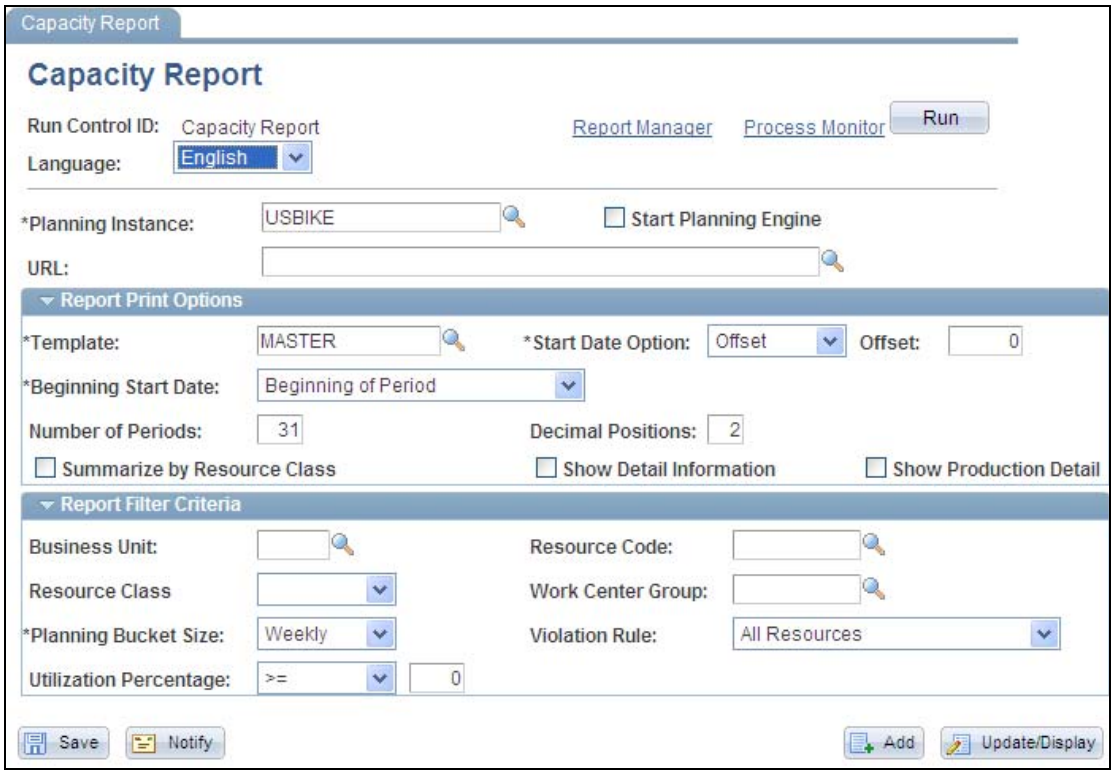

Capacity Report page

You use the Planning Capacity Report (PL_CAP_RPT) process to view capacity usage for work center resources for a production period. This view helps you determine whether the resource is over or under used and whether it is available for new or future production.

Demand and Inventory Policy Planning 9.1

With the release of PeopleSoft 9.1, we will begin using Oracle's Demantra Demand Management instead of the previous Demand Planning forecasting system. Oracle's acquisition strategy has been to acquire the best of the best in many application areas. The acquisition of the Demantra Demand Management product brought a best-of-breed demand planning product as a robust planning option for PeopleSoft customers.

With PeopleSoft Release 9.1, we plan to provide existing PeopleSoft customers with the option to ***integrate to the Oracle Demantra Demand Management module***. We plan to provide a process to load demand data from PeopleSoft into the Demantra Planning system and then to import forecast data from Demantra for publishing to other PeopleSoft applications including Inventory Policy Planning, Supply Planning, and Inventory.

The PeopleSoft Enterprise Inventory Policy Planning application enables you to balance your inventory policy and customer service levels strategically throughout the supply chain. The application also calculates time-phased order quantities and safety stock using selected inventory strategies, conducts what-if analyses, compares your current inventory policy with simulated inventory scenarios, and improves your return on inventory investment.

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Perform maintenance on policy items has sometimes been an arduous task because of the lack of mass maintenance capabilities in PeopleSoft Inventory Policy Planning. In Release 9.1 we plan to provide the ***ability to perform mass maintenance of policy item fields, including the option to update the item's control group,*** modeled similar to what we currently allow for mass maintenance in the PeopleSoft Demand Planning application.

New Functionality

To support the evolution of Oracle Demantra Demand Management, this release of PeopleSoft Supply Chain Planning products will provide you the capability to apply Demantra Planning system functionality in conjunction with PeopleSoft Inventory, Supply Planning, and Inventory Policy Planning.

Oracle Demantra Demand Management is a configurable, web-based product that will help an organization perform demand planning and forecasting. The product will provide access to your historical and other reference data organized into multiple hierarchies that reflect the needs of an organization. An underlying spreadsheet will provide a set of calculated (and input) values that you can use at any hierarchy level.

A new Advanced Planning menu as shown in the next example will be added to the SCM Integrations component:

Advanced Planning menu

Using the menu, you will manage all aspects of integrating Demantra with other PeopleSoft applications. As part of the Demantra Demand Management implementation, we will:

- Create a new component map that map PeopleSoft fields to Demantra integration file fields. This new routine will define which data will be passed from PeopleSoft to Demantra Demand Management to be used for the generation of forecasts.
- Create new routines to load data into new Demantra Demand Management via a new Process Integration Pack (PIP).
- Create a new routine to import Forecast data from Demantra. This data will be used for publishing to other PeopleSoft applications, including PeopleSoft Inventory Policy Planning, Supply Planning, and Inventory. A new routine will be provided to import the Demantra forecasts and populate the existing publish tables.

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- As part of the Demantra integration, former PeopleSoft Demand Planning links will be removed from PeopleSoft Inventory Policy Planning pages.
- Finally, as part of Demantra integration PeopleSoft Supply Planning and Inventory will be minimally affected by the integration to Demantra.

Basic Oracle Demantra Demand Management information will be defined and maintained using the Demantra menu. Available functions are shown in this example:

Demantra Planning system menu

Using the Demantra Planning menu, you will be able to establish and maintain demand history data similar to how that data was maintained using the PeopleSoft Demand Planning application. This data will then be sent to Demantra Demand Management using a PIP. The system will generate forecasts using the Demantra Demand Management application and its forecasting calculations. After forecasts have been generated, you will be able to bring the forecast back into PeopleSoft using the PIP and the Import Forecast option on this menu.

To support PeopleSoft Enterprise Inventory Policy Management Release 9.1 application mass maintenance improvement, the system will provide new pages that enable you to apply item changes to multiple items at the same time. For example, you can add five percent to the price values for all items that are in the policy set, or you can update the average cost for a certain group of items that is in the policy set.

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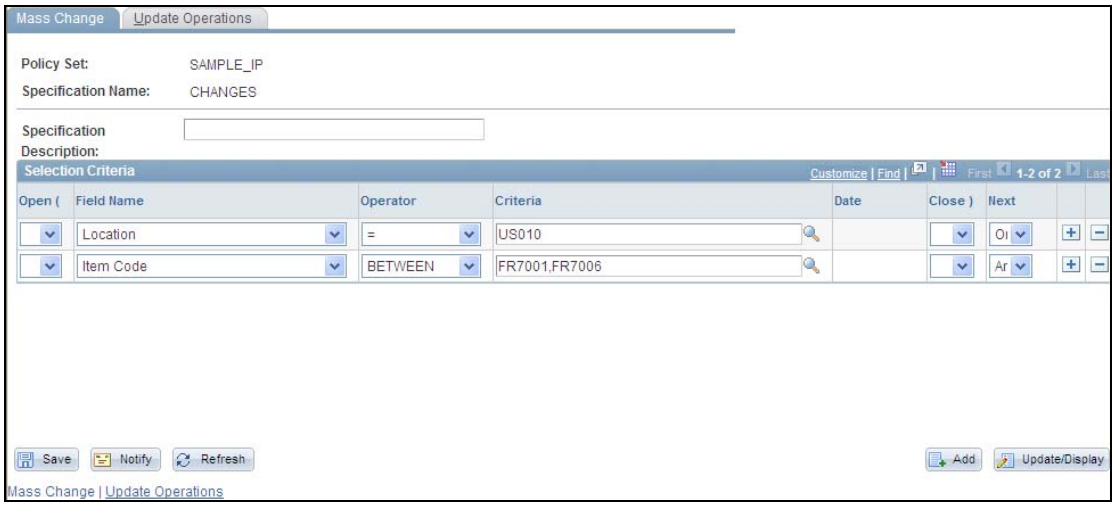
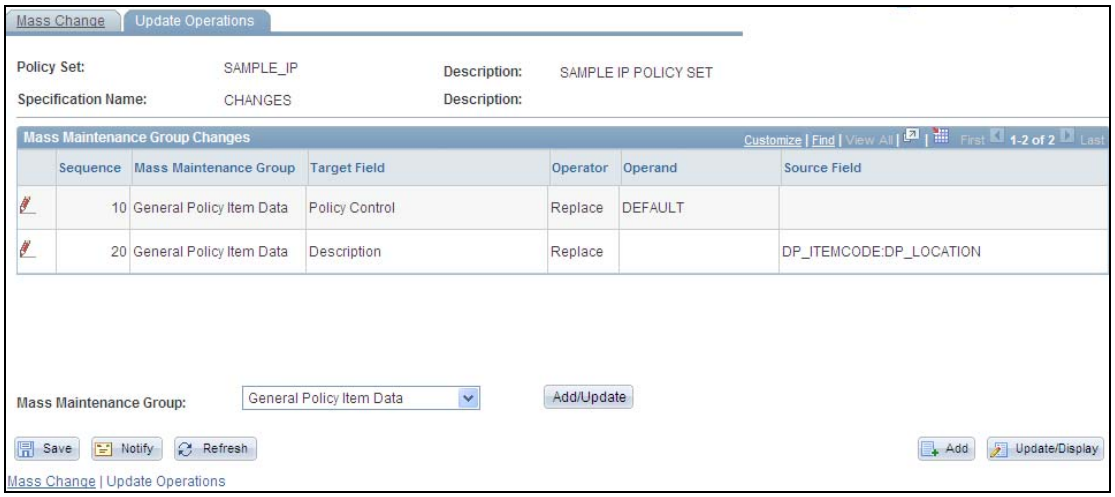
Mass change specifications control how the system makes mass changes to inventory policy items. Within the specification, you create data subsets that are made up of records that are contained in individual fields. You will use the Mass Change page that appears in the next example to begin the creation of a mass change specification:



Mass Change page

The page will provide a way for you to define which policy items will be updated.

You will use the Update Operations page to add and update mass maintenance group parameters for the specification. This example shows the page:



Update Operations page

You will use this page to define how you want the system to apply changes to target fields.

An Edit Operation button enables you to access the Define Update Operations page where you can update values for operators and operands and for target and source fields. The page appears in this example:

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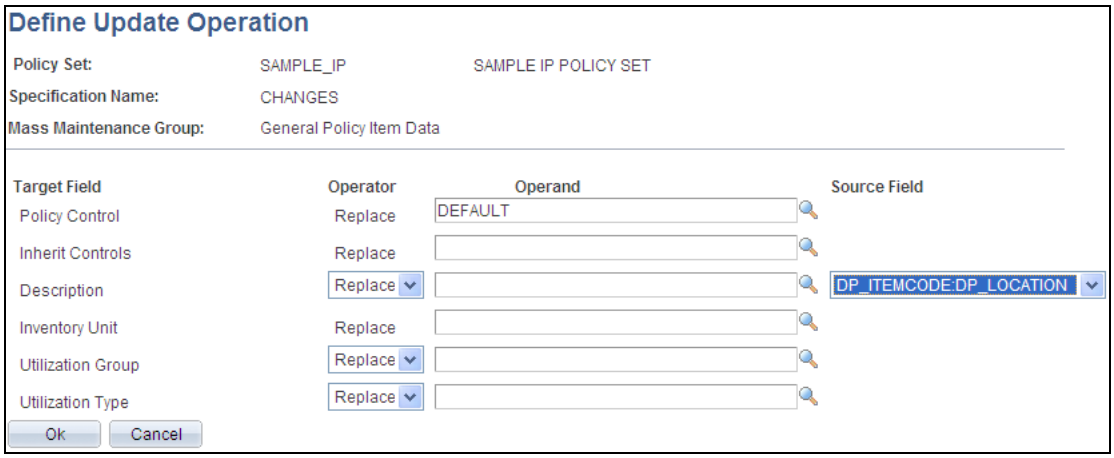

Define Update Operation page

Use this page to add and change update operations for a mass change specification. An update operation determines how the system processes individual fields within a mass maintenance group. Available fields on this page depend on the value you selected on the Mass Change page.

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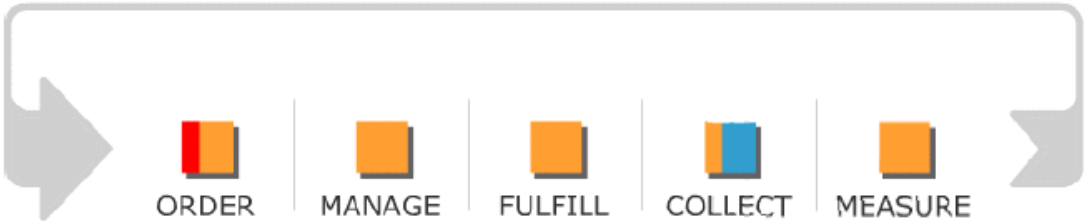
Order to Cash Business Process Overview

The Order to Cash process is the most visible component of your supply chain and the most rapidly evolving. You can no longer rely on disparate order entry, fulfillment, invoicing and reporting systems if you want to achieve global order visibility and world class customer service. Order to cash solutions connects all stages of your sales order lifecycle, creating real-time customer demand visibility, profitability analysis and operational control across the enterprise. The PeopleSoft Order to Cash solution ensures that all facets of the customer relationship are addressed in a collaborative, efficient, and accurate manner — a key success factor for customer retention and profitability in today's business world.



Order to Cash Business Process

Only Oracle's PeopleSoft delivers a comprehensive Order to Cash solution that provides everything necessary to manage the whole order-to-cash process — from order entry, pricing and promotions management, and inventory management to order promising and collection.

The Order to Cash business process consists of five phases:

- The Order phase includes order capture/entry, order confirmation and reserving product to fulfill orders.
- The Manage phase includes tracking the order through its lifecycle, changing the order when necessary, and measuring the effectiveness of your order management activities.
- The Fulfill phase involves the sourcing of those goods required to fill the order, delivering the right goods to the right place at the right time, and replenishing that inventory as needed.
- The Collect phase includes invoicing the customer in a timely manner, collecting payment on that invoice, and quickly resolving any issues that may arise.
- The Measure phase includes collecting the appropriate data for running required reports, identifying trends in the customer buying patterns, and analyzing fulfillment data as well as customer profitability.

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The following sections preview the new Order to Cash features and enhancements, by product, which are planned for Release 9.1.

Order Management 9.1

Whether customer expectations are met or missed has a serious impact on your customer service, and ultimately customer loyalty. Traditionally, customer service tasks revolved around the management of orders—the convergence of the sales and fulfillment cycles. With so much riding on this key process, your organization must continuously look for ways to revolutionize order management.

PeopleSoft Enterprise Order Management is a robust system that effectively connects sales and sales order entry with the process of fulfillment and total order status visibility. This flexible system provides a central order entry point for all sales channels to declare and validate products, options, kits, prices, and additional fees, product configurations, buying agreements, and preferred fulfillment sources. Additionally, it provides visibility into planned and existing supply, expected shipment dates, and order status throughout the life of the order.

Order Management Strategy and Development listened to their installed base of customers and heard areas where improvements were needed. Working with the Distribution and Manufacturers User Group (DMUG), the Strategy organization chose their top enhancement requests to concentrate on for Release 9.1:

- Credit Checking Enhancements
- Return Material Authorizations
- Quote/Sales Order Entry

Credit Checking Enhancements

In this time of fiscal uncertainty, you need to use care when extending credit terms to customers. You need to be certain that your customers can pay invoices within terms and to ensure that they are not overextended.

In Release 9.1, we plan to offer an option for organizations to ***include backlog days, deposits and payments for credit checking*** at the corporate customer level. Also planned is an option to include non-Order Management (non-OM) invoices in the credit checking algorithm. Non-OM invoices could be invoices that come from the PeopleSoft CRM system that are bills for service orders or service agreements. This feature is the number two item on the prioritized list of enhancements from the DMUG.

New Functionality

Visibility to your customer's credit exposure is important when making a decision about their credit worthiness. In Release 9.1, we plan to improve the ***Credit Availability page*** to include more information such as draft balances, details around the corporate customer backlog, pending payment and aged AR information similar to what is displayed for a bill-to customer.

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Customer Credit page

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Return Material Authorizations

Returns are a fact of life for any organization that provides goods to their customers. Goods are returned for many reasons, and many different processes exist to handle these returns. In the past, we provided basic returned material functionality, and now our customers are asking for more, especially in the area of usability. The proposed Return Material Authorization (RMA) enhancements for Release 9.1 cover basic user experience changes, as well as provide the customers with flexibilities for credit card chargeback for returned items, VAT defaulting, and more flexible ways of populating the RMA form with returned goods information.

Further, customers want more assistance in determining what price to credit back on a return when an invoice or sales order is no longer present to pull prices from. For Release 9.1, a planned enhancement enables calling the Enterprise Pricer to at least get a price close to what the customer may be charged rather than the list price from the Product Master table. This was one of the higher priority enhancement requests logged from the DMUG.

PeopleSoft Enterprise Pricer is being enhanced to enable users to indicate whether price rules that are setup for the parent application can be used in child applications. This allows setting up sales order price rules that are not applicable to RMAs. If an RMA line is created without using the Customer Shipment History, ***PeopleSoft Enterprise Pricer will be called from the RMA*** to calculate the price.

New Functionality

When you create an RMA line without using shipment history, you can either enter the net price manually or allow the system to calculate the price for you. The RMA uses Enterprise Pricer arbitration plans and rules to determine the RMA credit price if the RMA line is not created from shipment history. RMA price adjustment audit records are created to capture the derivation of an RMA price. The Customer Service Representative (CSR) can review these price adjustment audit records. If tiered pricing is used, the RMA line price will be set to the weighted average of the pricing schedules for the line. Any order level adjustments will be prorated to the RMA lines being priced.

At times, logging a return is frustrating because a customer may not know the order number associated with the product being returned. ***Shipment History is being enhanced*** to allow additional search fields, such as Customer PO and Invoice Number.

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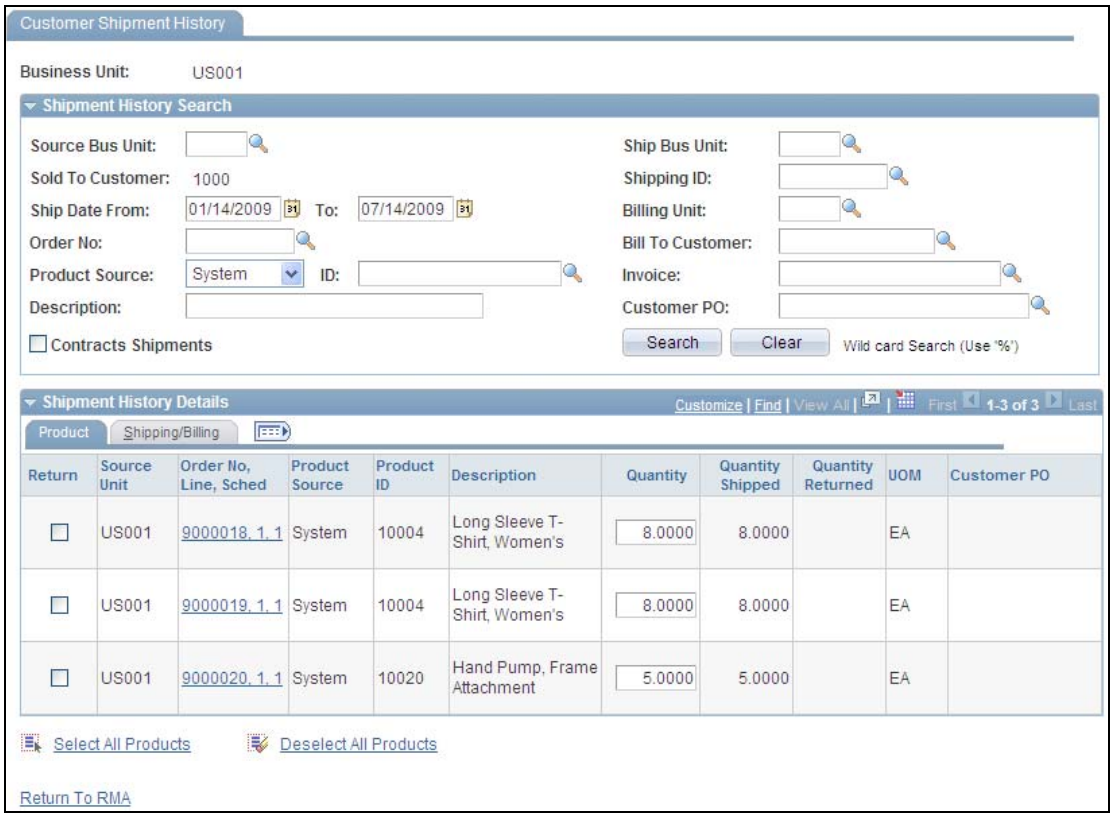

Customer Shipment History page

Crediting a customer's account is not always applicable when a product is returned. For a customer who paid for an order with a credit card or the customer whose default payment method is credit card, we plan to supply ***the credit card information*** by default onto the RMA. The Customer Service Representative (CSR) then can review and change the credit card information before it is passed to Billing to refund the payment to the customer's payment card.

In a fast-moving ordering environment, the CSR must be able to log returns quickly to ensure the highest level of customer service. To that end, we plan to make improvements to the RMA form to ***enhance the user experience***. The planned changes include:

- A display of totals on the RMA form for stock, non-stock, and RMA totals.
- Allowing the user to drill down to more information for the original order schedule or invoice from the RMA line.
- A display of the Parent Kit Product ID on the RMA Line.
- Allowing navigation via links to other related pages on the RMA while you are in inquiry mode.

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Quote/Sales Order Enhancements

The fast-paced quote and order entry environments require flexibility for CSR's to respond quickly to customer requests. The tools for accomplishing rapid response to inquiries and working efficiencies are critical for companies wanting to remain lean in the current challenging economic environment.

For Order Management Release 9.1, we are planning the following Quote and Sales Order processing enhancements:

Use of the Customer Alias has been a key customer accommodation, enabling your customers to identify your products by their own nomenclature. We plan to allow identification of an additional ***customer-specific product description*** for the Product Alias and have that description flow though to the Billing system. The customer's description, if one is available, will be displayed on pages and documents where appropriate. If no customer-specific Product Alias description is available, the standard product description will be used.

New Functionality

The ***Customer PO Number*** has been added to the Order Release page so that the PO Number is passed to the Sales Order when releases are generated.

The current ability to allow mass ***updates to all schedules*** is a key bit of Quote and Sales Order functionality that provides efficiencies for making order changes that affect many order schedules. For Release 9.1, we plan to allow the user to synchronize schedule changes to the order lines when a one-to-many relationship exists between lines and schedules as well as to the order header.

In fast-moving quote and order environments, closing expired quotes and RMAs individually is tedious. For Order Management Release 9.1, we plan to provide the option in the OMCLOSE process to ***close expired quotes and RMAs*** that are fully received in addition to the SOs that it currently does.

New Functionality

The Close Orders/Quotes process (OM_CLOSE) checks the status of sales and quote orders, lines, and schedules, and closes them when appropriate. Orders and quotes cannot be closed online.

Payments by credit cards are becoming more common for purchases, and sometimes given long product lead times, the pre-authorizations for these purchases become "stale". For Release 9.1, we plan to provide a background process that uses the Credit Card Expiration Days attribute on the credit card setup to determine when a transaction is "stale" and to ***automatically resubmit the transaction for a new authorization.***

Concerns around data and credit card security are foremost in the minds of customers who allow credit cards as a form of payment. Adherence to Payment Card Industry Best Practices is a priority for PeopleSoft and to that end, we plan to include the following ***enhancements in Order Management credit card processing*** to make our software failsafe and secure.

- Capturing of the CVV2, CVC2, and CID Code on all credit card "card not present" transactions. This information will be passed to the Credit Card Vendor during online authorizations.

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- Initial fraud screening to ensure secure transactions when an amount of .01 will be passed to the credit card provider to ensure the credit card data is correct on the sales order and pending transaction components.
- Allowing the CSR to select which address (Bill-To or Ship-To) to pass to the credit card provider for verification.
- Exposing detailed credit card transaction history within the sales order component so a user can see when an authorization is submitted, denied, reversed or reauthorized and then eventual settlement details.
- Currently, if the order total increases, a new authorization is requested for the new order total, but the previous authorization is not canceled. This causes the card to reserve additional funds that are not needed to cover the order transaction. This can be problematic for customers who are ordering large dollar amount items as their credit limits can get maxed out unnecessarily. For Release 9.1, we plan to reverse prior authorizations and submit a new authorization when total order values have increased. There is also an option to reverse prior authorizations for total order value decrements that exceed a user-specified amount.
- To ensure that only those users who should be maintaining and viewing customer credit card data have access to the component for capturing Contact credit card data, we plan to set up the credit card fields in our contact components so that page level security can be used to determine what users and roles can access credit card data associated with a customer contact.

To provide excellent customer service, your in-process production becomes an integral part of your supply visibility. However, if you do not have that product in production, and nothing is yet planned, you need a mechanism to “kick-start” that process in order to fulfill your customer demand. If you are using the Pegging functionality in Order Management, with Release 9.1 we plan for you to be able to ***generate new production orders as a source of supply*** from Order Management. Currently, we allow this only with configured products. With Release 9.1, we plan for authorized users to be able to generate production orders as a source of supply for sales order demands.

Lower freight capacity, rising freight costs, and increasing service level pressures are forcing enterprises to rethink their transportation strategies. For PeopleSoft Order Management and Inventory 9.1, we plan to provide you with the necessary tools to do shipment planning and freight management from the Order Management and Inventory pages. We plan to provide the ability to “shop” for freight rates and the best method of shipment based on freight cost or best date to meet your commitment for on-time delivery. Please see the Inventory 9.1 section discussing Freight Management and Shipment Planning for more details about this enhancement.

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When you send free or promotional items to your customers, in some states you are liable for sales tax. This tax is not charged to your customers but rather it is accrued and should be based on the cost of the item. Prior to Release 9.1, free or promotional items had no taxes calculated, as their extended amount is zero. With Release 9.1, we plan to provide functionality that will allow you to indicate for states that require this calculation, ***an accrual of the sales tax for subsequent payment on 0.00 priced lines when taxes are filed.*** Both Order Management and Billing have added functionality to handle this situation in their applications.

Miscellaneous Enhancements

To address Missing Trader Intra-Community (MTIC) Fund Fraud, HM Revenue and Customs (HMRC) in the United Kingdom is introducing the ***VAT Reverse Charge*** procedure on specified categories of goods being traded between businesses. Under this procedure, the purchaser of the goods, rather than the seller, will be liable to account for the VAT on the sale. The supplier will not charge VAT but will have to specify on the sales invoice that the reverse charge applies and state the amount of VAT that would have been accounted for. If the purchaser has correctly accounted for the VAT under the reverse charge procedure, she will retain the right to input tax recovery, subject to the normal VAT rules. In Release 9.1, we plan to introduce a ***VAT Reverse Charge*** check box that will enable the system to recognize those transactions to which the new rules apply.

To be more proactive in discovering potential problems in the system, a new framework is provided that uses user-defined queries to generate messages and alerts delivered to users. With the ***Message and Alerts Framework*** in Release 9.1, we plan to provide you with the tools to be more proactive in discovering potential problems in the system before they occur. An easy-to-use set of tools will enable you to create a new query or use one of your existing queries to monitor conditions in your enterprise. You have the option of scheduling the query to run at intervals and notifying appropriate individuals via email or Worklist entries when further action is required. The following new alerts were added for Order Management Release 9.1:

- Due Shipments (OM_PASTSHIP_ORD) - Notifies the CSR of any unshipped order schedules that are past their scheduled shipment date.
- EDI Orders Stuck (OM_EDI_STUCK) - Notifies the user of any EDI transactions that are stuck in the staging tables and need to be processed.
- RMAs Requiring Approval (RMA_REQUIRE_APPROVAL) - Notifies the user of any RMAs over a specified dollar amount that are awaiting approval.

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Inventory 9.1

Current market forces—competition, shareholder value and inventory reduction—are driving new advances in how you manage inventory. These advances include greater efficiencies in item maintenance, flexible responses to customer requests, and the management of freight and shipments to customers. PeopleSoft Enterprise Inventory 9.1 was enhanced with these trends in mind. Again, we listened to our customers and polled them to find the most requested enhancements and created solutions in PeopleSoft Inventory 9.1 to solve these business issues.

For PeopleSoft Inventory 9.1, we plan to deliver functionality in the following areas:

- Item Maintenance Enhancements
- Fulfillment Enhancements
- Return to Vendor Efficiencies
- Freight Management and Shipment Planning
- Inter-Unit Transfer Visibility

Item Maintenance Enhancements

For PeopleSoft Inventory 9.1, we plan to deliver the following item maintenance enhancements:

- Configurable Item Templates
- Inventory Item Types Enhancement

Configurable Item Templates

The PeopleSoft item setup process is inherently detailed because of the multitude of attributes that can be assigned both at the setID level and at the business unit level. While this setup process s helpful for downstream transactions because the more attributes that are assigned during the item definitions process, the less interaction is needed later on, setup can be time-consuming. For Release 9.1, we plan to provide ***configurable templates***, which will be a flexible way to assign default values to attributes that are needed when you are setting up new items. Unlike the existing static Item Template, the ***configurable*** template will allow the user to decide which attributes will be assigned, both at the setID level and at the business unit level. The configurable template will enable you to quickly and easily design a single item creation page that will prompt for only those attributes you require for your items or groups of items. This functionality is available for entering items both online and via the Item Loader.

New Functionality

Configurable templates will enable you to identify the fields and default field values to be populated on a new item based on the user-defined template list.

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Configurable templates can be used to add items:

- Using the Item Add component to manually add items one at a time.
- Using the Item Loader process to load a batch of new items. To populate the item loader staging tables you can:
  - Use the Item_Sync service operation within the PeopleSoft Integration Broker.
  - Use the IN_MST_ITM_XLS component interface to load a batch of new items from a Microsoft Excel spreadsheet.

Inventory Item Types Enhancement

You often deal with items that are expensed, and do not need to be tracked in PeopleSoft Inventory. Sometimes the costs associated with keeping track of inventory levels are not necessary for low-cost items, or items that are not requested on a regular basis. However, business conditions often change. You may want to change the item to a non-Inventory item, and just expense it. Likewise, it may have formally been an expensed non-Inventory item that has become too expensive, and you now want to track it in PeopleSoft Inventory. For Release 9.1, we plan to improve the mechanism to facilitate ***switching an item from non-inventory to inventory*** and vice versa.

New Functionality

After you use an item ID in the PeopleSoft system, you may want to change the item from an inventory item type to a non-inventory item type or conversely, change from a non-inventory to an inventory item type. An inventory item can be physically stocked and tracked in one or more PeopleSoft Inventory business units and used on MSR within the Inventory business units. A non-inventory item is not used within the PeopleSoft Inventory business units and cannot be added to an MSR.

An item is defined as an inventory item by the value of Y (yes) in the INVENTORY_ITEM field of the MASTER_ITEM_TBL record. The item is defined as a non-inventory item when the value is N (no). In Release 9.1, you can change the inventory item type setting of an item ID by:

- Selecting or deselecting the Inventory Item check box on the online Define Item - General: Common page. This method is best for changing a few items.
- Using the Item Loader process with a catalog maintenance template to change the value in the INVENTORY_ITEM field of the selected items. This method is best for changing many items at one time.

You cannot change the item type of an item until all transactions against the item are complete. PeopleSoft provides you with the Item Type Errors page that lists all the transactions that need to be resolved before the item type change can be made. This page includes links to the appropriate PeopleSoft pages where you can make the necessary changes to complete or cancel transactions.

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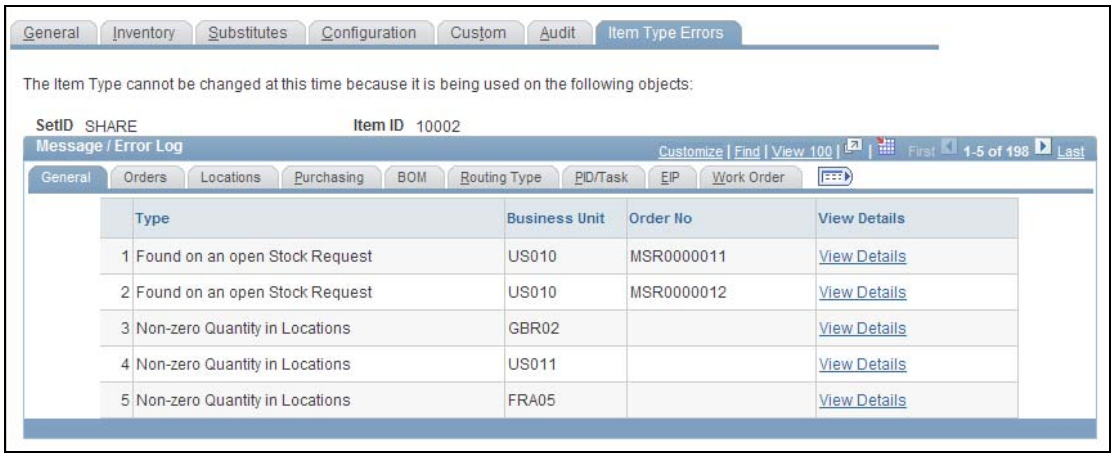

Item Type Error page within the Define Items component

The Item Type Errors page only appears if transactions exist that prevent the item ID from changing item types. To access the Item Type Errors page:

- For online inventory item type changes, go to the Define Item - General: Common page (Items, Define Items and Attributes, Define Item, General). Select or deselect the Inventory Item check box and save the page.
- For inventory item type changes using the Item Loader process, go to the Data Definition Maintenance – Errors page (SCM Integrations, Transaction Error Handling, Maintain Data Definitions). Select the Transaction Type of ITEM and click the Search button. Click the Show Detail Entry icon and then select the Item Type Errors link.

Fulfillment Enhancements

For PeopleSoft Inventory 9.1, we plan to deliver the following enhancements to the demand fulfillment functions:

- Improved Pegging Functionality
- Material Stock Requests from Third-Party Data
- Defer Depletions Enhancement
- Undo Fulfillment Enhancement
- Pick Plan Location Summary Enhancement
- Preallocation of Stock
- Transfer of Allocated Stock

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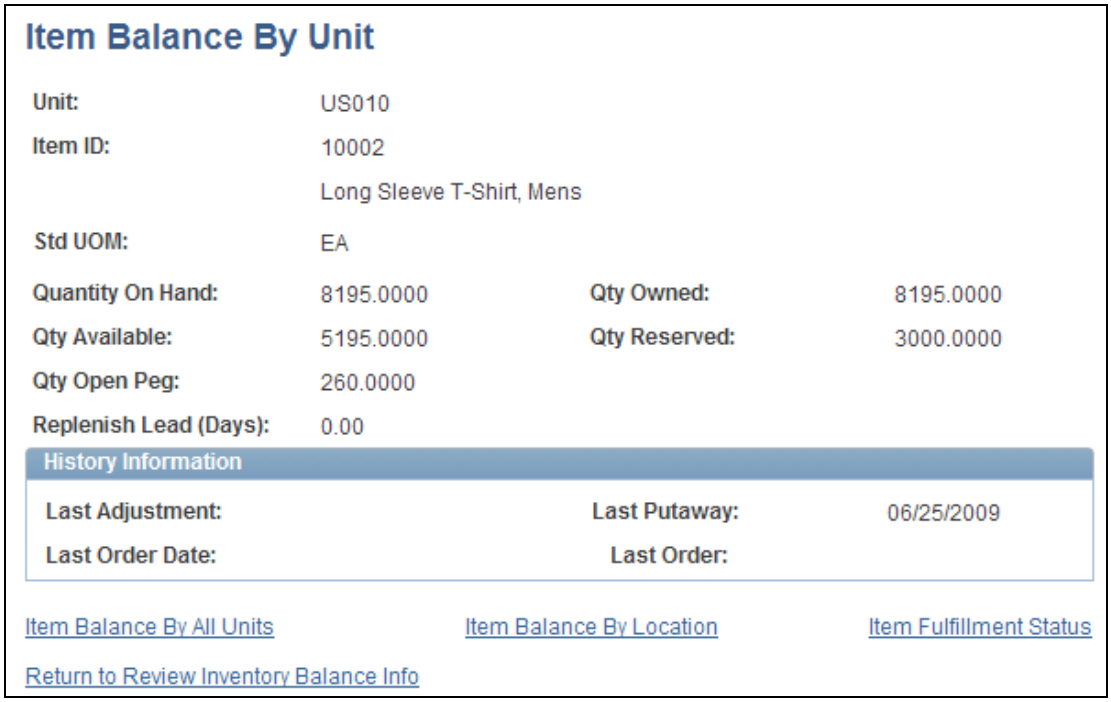
Improved Pegging Functionality

For users of the inventory pegging functionality, no way is available to view the total pegged quantity of an item across multiple business units. For Inventory Release 9.1, you can ***view the total quantity pegged at the business unit level for an item*** and to drill down on the details of that total.

New Functionality

To provide greater visibility of pegs within a PeopleSoft Inventory business unit, the following inquiry pages will display pegged quantities for the Inventory business unit:

- Item Balance By Unit page
- Allocated Items by Location page (new page)



Item Balance By Unit page

You use the Item Balance by Unit page to view the total quantity pegged at the business unit level for an item. The user can drill down on the detail of that total.

The Qty Open Peg field displays the total peg quantity less any completions for this business unit and item ID combination. A completion is a peg quantity that has been received and putaway into the Inventory business unit. The open peq quantity in this field displays the amount of incoming stock that is currently pegged to fulfill existing demand.

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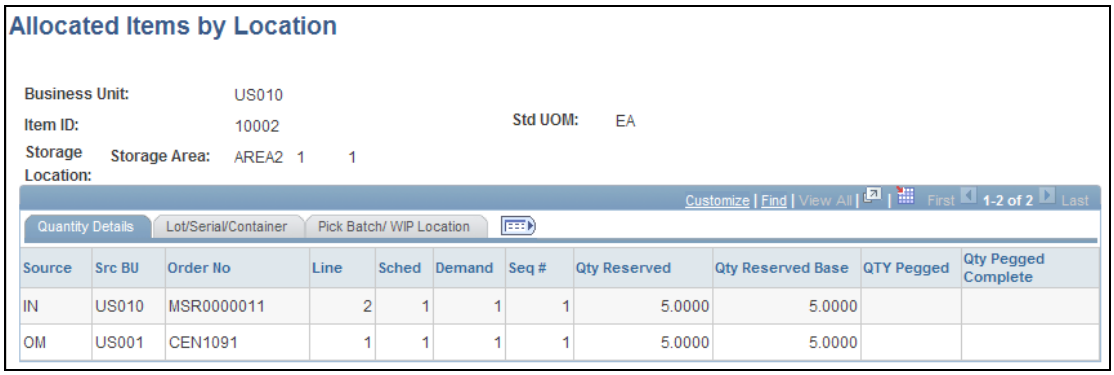

Allocated Items by Location

Business Unit: US010
Item ID: 10002 Std UOM: EA
Storage Location: Storage Area: AREA2 1 1

Customize | Find | View All | First 1-2 of 2 Last

Quantity Details | Lot/Serial/Container | Pick Batch/ WIP Location

Source	Src BU	Order No	Line	Sched	Demand	Seq #	Qty Reserved	Qty Reserved Base	QTY Pegged	Qty Pegged Complete
IN	US010	MSR0000011	2	1	1	1	5.0000	5.0000		
OM	US001	CEN1091	1	1	1	1	5.0000	5.0000		

The Allocated Items by Location inquiry page

You use the new Allocated Items by Location inquiry page to view the demand and supply that sourced the peg quantity at a location, if the pegs created a hard allocation at the time of receipt into the inventory business unit. Access this new page by clicking the Qty Reserved link on the Item Balance by Location page or the Inventory Inquiry by Location Details page.

Material Stock Requests from Third-Party Data

For customers with third-party logistics systems, MSRs are often created in the third-party system and need to be transferred to PeopleSoft Inventory. For Release 9.1, we plan to provide enterprise integration points (EIPs) to ***create material stock requests based on data from a third-party source***.

These EIPs can create a new MSR or add a new demand line to an existing MSR in PeopleSoft Inventory. The MSR can be created as any order type; an External Order, an Inter-Unit Transfer (including an Inter-company Transfer), an Internal Issue (including an Inter-Unit Expensed Issue) or a Vendor Return. We also plan to enable you to immediately advance these externally-created stock requests to the released, shipped, or depleted fulfillment state (using either direct or automatic processing), so that functionality in the PeopleSoft Inventory system could be used to complete the fulfillment process for those requests.

New Functionality

The following service operations will create a new MSR or add a new demand line to an existing MSR in PeopleSoft Inventory:

- Inventory_Create_Stock_Request: Using transaction code 0360 (Create Stock Request), your message transaction can create an MSR in the unfulfilled state. For non-soft reserve, non-ATP items, you can have the new MSR demand line placed in the releasable state by:
  - Selecting the Auto Stock Approval check box on the Setup Fulfillment page.
  - Selecting the value of releasable in the Non-Soft Reserved State field of the Setup Fulfillment page.

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- Inventory_Front_End_Shipping: Using the transaction code 0365 (Front-end Ship), your message transaction can create an MSR and then place it in the shipped state. This EIP is commonly used to move existing MSRs from the unfulfilled or releasable states to the shipped state. To use this EIP to create an MSR, you must enter Y (yes) in the Create Demand field (IN_CREATE_DMD_FLG) of your transaction. In addition you can enter 70 (advance to depleted) in the Auto Release Option field (AUTO_RELEASE_OPT) of your transaction to move your new MSR to the depleted state.
- Inventory_Shipping: Using the transaction code 0366 (Ship), this message transaction can create an MSR and then place it in the shipped state. This EIP is commonly used to move existing MSRs from the unfulfilled, releasable, or confirmed states to the shipped state. To use this EIP to create an MSR, you must enter Y (yes) in the Create Demand field (IN_CREATE_DMD_FLG) of your transaction. In addition you can enter 70 (advance to depleted) in the Auto Release Option field (AUTO_RELEASE_OPT) of your transaction to move your new MSR to the depleted state.

The PeopleSoft Integration Broker receives an inbound XML message into the INVENTORY_FULFILLMENT queue. The Fulfillment Request Handler, a PeopleTools application class, formats the incoming data and populates the staging tables. For each request, the Fulfillment Request Handler assigns a unique ID called the EIP_CTL_ID. The Fulfillment Requests process (IN_FUL_BCT) retrieves the transaction requests from the staging tables, processes them, and applies them to the PeopleSoft Inventory demand tables.

Defer Depletions Enhancement

Many organizations need to ship orders within PeopleSoft Inventory but delay the billing and costing of a shipment until all of the internal procedures are complete. To support this requirement, for PeopleSoft Inventory 9.1, we plan to provide ***deferred depletion functionality*** to give customers control over when order lines are processed for billing and costing.

New Functionality

To delay costing or revenue recognition, you must delay the running of the Deplete On Hand Quantity (Depletion) process in PeopleSoft Inventory. When the Depletion process is complete, the demand lines are eligible to be picked up by PeopleSoft Billing for invoice creation (revenue recognition) and by PeopleSoft Cost Management for costing calculations (generation of accounting entries for inventory costs).

The ability to delay the billing and costing processes will be controlled by the Defer Depletions field that is located on each demand line within a sales order or MSR. A value of N (no) will enable the demand line to be processed by the Deplete On Hand Quantity (Depletion) process; a value of Y (yes) will prevent the Depletion process from picking up the demand line so that it remains in the Shipped state and cannot be processed by PeopleSoft Billing or PeopleSoft Cost Management.

After setting up the PeopleSoft Inventory system to use the deferred depletions feature, you can process your inventory shipments as follows:

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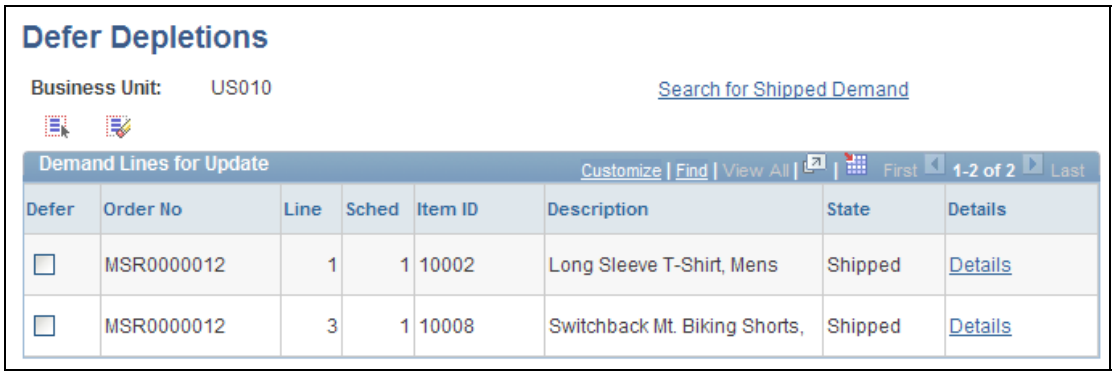
- Process your orders or MSRs up to the fulfillment state of shipped. During the shipping process, the system will apply the default value to the Defer Depletions field from your system setup or the system will apply your override value that you can enter on many pages within demand fulfillment, including;
  - The Material Picking Feedback page.
  - The Picking Confirmation process page.
  - The Shipping/Issues - Order Summary page.
  - The Shipping Requests process page.
  - The Front-end Shipping Requests process page.
  - The Express Issue-Detail Override/Exceptions page.
  - The header, group, and detail sections of the Fulfillment Workbench.
  - The messages used by PeopleSoft Integration Broker for shipping.
- Complete your non-system related shipment processing, such as completing paperwork, obtaining signed delivery receipts, and so on. If the Depletion process is run during this time period, it will only select demand lines with a value of N in the Defer Depletions field.
- Use the Defer Depletions component to mark the completed demand lines to be processed by the Depletion process. You will change the Defer Depletions field on each demand line to N (no). You can select each individual demand line or you can change a group of demand lines at one time.
- Run the Deplete On Hand Quantity (Depletion) process in PeopleSoft Inventory. Placing the demand lines in the depleted fulfillment state enables the PeopleSoft Billing and PeopleSoft Cost Management processes to pick up the lines for invoice creation and costing.



Defer	Order No	Line	Sched	Item ID	Description	State	Details
☐	MSR0000012	1	1	10002	Long Sleeve T-Shirt, Mens	Shipped	Details
☐	MSR0000012	3	1	10008	Switchback Mt. Biking Shorts,	Shipped	Details

The Defer Depletions component

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Use the Defer Depletions component to change the value of the Defer Depletions field for the selected demand lines. You will be able to use this component in two ways:

- Online Method: View the individual demand lines on the Defer Depletions page and change the Defer Depletions field per line. This method is useful when you are working with a few demand lines and need closer supervision of the changes.
- Batch Method: Use the Defer Depletions-Shipment Selection Criteria page to enter search criteria and change the Defer Depletions value without viewing the individual demand lines. This method is especially useful when you are handling a large number of demand lines.

The following inquiry pages will enable you to monitor the demand lines that are using the Defer Depletions feature:

- The Stock Request inquiry page will display the check box, Defer Deplete. If this check box is selected on the displayed demand line, the Defer Depletions field has the value of Y (yes). If the check box is deselected, then the value is N (no) and the demand line can be moved to the depleted fulfillment state by the Depletions process.
- The Fulfillment Status inquiry page will include:
  - The Defer Deplete Lines Only check box which enables you to search for demand lines that are using the Defer Depletions feature. When this check box is selected the search results only include demand lines with the value of Y in the Defer Depletions field. When this check box is deselected, the search results include all demand lines meeting the search criteria, regardless of the value in the Defer Depletions field.
  - The Nbr of Deferred column in the search results page displays the number of demand lines within the order number that have the value of Y in the Defer Depletions field.

Undo Fulfillment Enhancement

In a fast-paced warehouse environment, mistakes happen. It's a fact of life that sometimes things are marked as shipped when they really aren't and if it's a big order or shipment, reversing this unit of work is tedious. In Release 9.1, we plan on providing a mechanism to easily ***unship or unconfirm a group of demand lines.***

New Functionality

PeopleSoft Inventory will enable you to move an order or a demand line to a previous fulfillment state. There are several places in PeopleSoft Inventory where you can undo the fulfillment state by using the Undo Fulfillment process. This process will move the demand lines to a previous fulfillment state, adjust quantities, and change many fields in order to reverse a fulfillment step. The following components and processes will be able to call the Undo Fulfillment process in order to reverse an order or order line:

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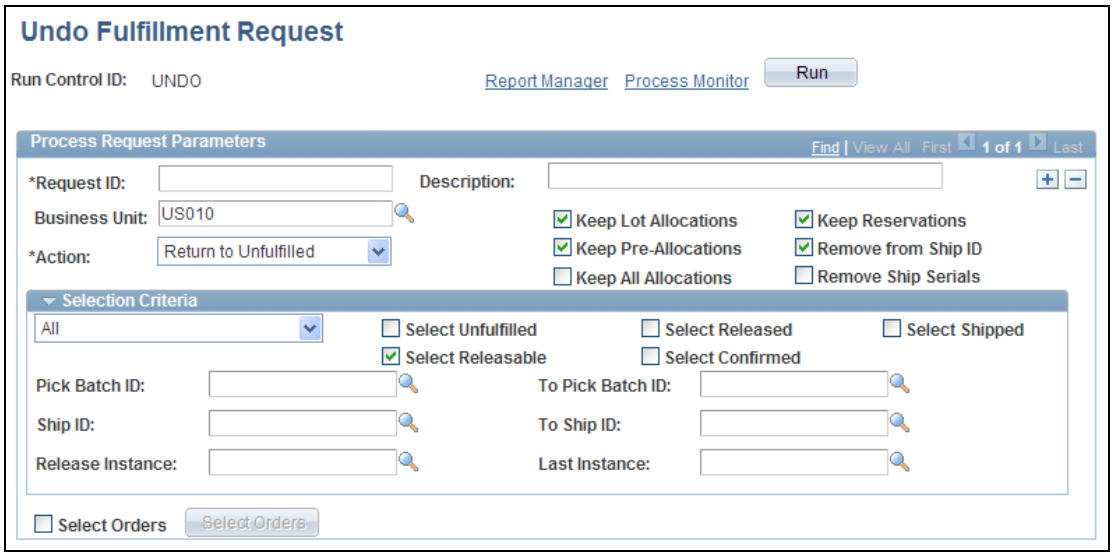
- The Undo Fulfillment Request process page (run control) will move orders and demand lines to any previous fulfillment state. This process can be used to handle a large group of demand lines. Work orders from PeopleSoft Maintenance Management cannot use the Undo Fulfillment process.
- The Order Release process will be able to return orders to the unfulfilled or releasable fulfillment states. You can select whether or not to keep an allocation or a reservation.
- The Shipping/Issues component can unship an order or exclude a demand line or container from the shipment. This method is recommended only for a few orders or lines that you want to handle individually.
- The Kit Re-Explode process will be able to automatically undo the fulfillment states of demand lines in the course of changing an order to match the latest kit definition. Demand lines can be moved from the fulfillment states of confirmed, released, or shipped.
- The Work Order Pick Plan process page will remove the allocation, pre-allocation, or reservation from a work order demand line by using the Cancel Allocation option. Keep in mind that the work orders from PeopleSoft Maintenance Management are kept in the pending fulfillment state during the entire demand fulfillment process.



Run control for the Undo Fulfillment process

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Pick Plan Location Summary Enhancement

When picking inventory, you need to have the right road map through the warehouse to make efficient trips without retracing steps. For Release 9.1, we plan to provide ***additional sort options for the Location Summary to the Pick Plan*** (INS6010). With these additional sort options, you can generate pick plans based on where items are located in your warehouse.

New Functionality

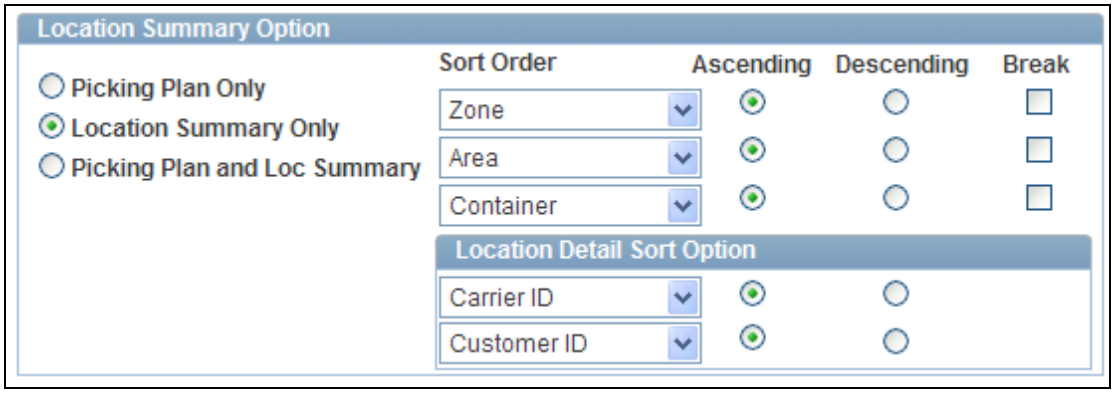
You can print a Location Summary report with or without a full Picking Plan report. The Location Summary report sorts the demand lines according to where the items are physically stocked within the warehouse (Inventory business unit), enabling your personnel to fulfill all orders on the picking plan without revisiting locations.

You can generate the Location Summary report from:

- PeopleSoft Inventory using the Additional Options page within the Order Release Request process page.
- PeopleSoft Inventory using the Report Options page within the Work Order Pick Plan process page.
- PeopleSoft Maintenance Management using the Process/Output Options page within the Inventory Schedules - Schedules page of a work order.

In Release 9.1, the Location Summary report includes two different sort types with a total of five sort fields. The two sort types are:

- A physical location sort based on the inventory business unit.
- A detail sort based on the orders to be picked.



Additional Options page within the Order Release Request process page (partial screen shot)

Physical Location Sort Options

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This sort is under the title Sort Order and is based on the physical location table (PHYSICAL_INV) that contains the location, quantity, and other details about every item stocked within each inventory business unit. You can select up to three sort levels related to the physical location table. For example, if you select Area, as the highest-level ascending sort order, the Location Summary report groups together all demand lines to be picked from storage area A, and then groups all lines to be picked from storage area B, and so on. In addition to the layout of the business unit (for example, zones, storage areas, material storage locations), you can also select sort order values based on the stock stored within the business unit, including; item ID, lot ID, serial ID, staged date, and so on. For each level, you can indicate whether the sort is in ascending or descending order and whether a page break should occur.

Detail Sort Options

This sort is under the title Location Detail Sort Option and is based on the demand fulfillment tables (IN_DEMAND and its child records) that contain information on the order itself, such as, order number, customer, or carrier. This sort occurs within the higher-level Sort Order. For example, if you select Area, as the highest-level ascending sort order and Order No as the highest-level ascending location detail sort option, then the Location Summary report groups together all demand lines to be picked from storage area A and, within storage area A, sorts the demand lines by order number, and next groups all lines to be picked from storage area B, and within B sorts the demand lines by order number, and so on.

Preallocation of Stock

MSRs are a quick and easy means of pulling material from stock for a variety of different reasons. Once a stock request is created, it can go through the fulfillment process of reserve, allocate, pick, pack and ship. However, many times you may want to actually reserve specific stock immediately for that request. In Release 9.1, we plan to enable you to ***allocate stock from a specific location during material stock request creation*** without using serial or lot control flags on the item. In prior releases, this capability was available only if you were using lot or serial control.

New Functionality

A pre-allocation occurs when a demand line is allocated to inventory stock while the demand line is still in the unfulfilled or releasable fulfillment state. A pre-allocation can be created by:

- The pegging feature.
- The Allocation Workbench.
- The Create/Update Stock Request component.
- The Shortage Workbench.
- For sales orders, the Order Entry Form component within PeopleSoft Order Management.
- The Inventory Create Stock Request EIP (Enterprise Integration Point).

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Using the Pegging Feature to Create Pre-Allocations

Pegging links demand to incoming supply. Based on your settings in the Pegging Item Setup page and the Pegging Setup page, a pre-allocation can be created during putaway. When the incoming supply is put away into the inventory business unit, the Complete Putaway (INPPPTWY) process can allocate the incoming supply to the corresponding outgoing demand. Outgoing demand can be MSR, sales order, or work order. When the entire pegged quantity is received, then the peg status is complete and the order displays a pre-allocation.

Using the Allocation Workbench

The Allocation Workbench enables you to create, update, or remove a pre-allocation or lot allocation and to create a standard allocation. The Allocation Workbench will be used for:

- MSRs originating from PeopleSoft Inventory, PeopleSoft Supply Planning, or PeopleSoft Purchasing.
- Sales orders created in PeopleSoft Order Management.
- Work orders created in PeopleSoft Maintenance Management that have been committed to the PeopleSoft Inventory demand fulfillment table (IN_DEMAND).

Using the Create/Update Stock Request Component

After you have added the lines to a MSR, you will be able to use the Create/Update Stock Request component to:

- Automatically create a pre-allocation to all the demand lines in the order by clicking the Pre-Allocate button on the Stock Request Summary page. The system selects the material storage locations to allocate to the demand lines.
- Manually create a pre-allocation for one demand line using the Allocation Workbench. On the Stock Request Summary page, select the line and select Allocations in the Line Menu field to access the Allocation Workbench-Summary page. Using the Allocation Workbench, you can create a pre-allocation or lot allocation, or move the demand line to the Released state and create a standard allocation.
- Create a lot allocation using the Allocate Lots (LOT_ALLOC_ORDR_INV) component. On the Stock Request Summary page, select the line and select Allocate Lot in the Line Menu field.

Using the Shortage Workbench

On the Shortage Workbench, select Pre-Allocate in the Header Action field or the Detail Action field to automatically create a pre-allocation to the selected demand lines. The system selects the material storage locations to allocate to the demand lines.

Pre-Allocating Sales Orders in PeopleSoft Order Management

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The Order Entry Form component within PeopleSoft Order Management can be used to pre-allocate or lot allocate sales orders by accessing the Allocation Workbench. Using the Allocation Workbench, you can create a pre-allocation or lot allocation, or move the demand line to the Released state and create a standard allocation. From the Order Entry Form, access the Allocation Workbench by:

- Selecting Allocations or Lot Allocation in the Header Menu field. All lines on the sales order are displayed on the workbench.
- Selecting a line of the sales order and then selecting Allocations or Lot Allocation in the Line Menu field. Only the selected line appears in the workbench.

Pre-Allocating Stock Requests Using the Inventory Create Stock Request EIP

Within the PeopleSoft Integration Broker, the Inventory_Create_Stock_Request service operation enables you to send data from a third-party source into the PeopleSoft Inventory system and create a new material stock request (MSR) or a new demand line on an existing MSR, including external orders, internal orders, interunit transfers, and RTV orders. When the MSR is created in the unfulfilled or releasable fulfillment state, you can choose to pre-allocate using the LLS (location, lot, serial) level of the message where the ALLOCATE_SOURCE field and the material storage location can be defined.

Transfer of Allocated Stock

At times, inventory sitting in a container or in a holding location must be moved to another location before shipment. In the past, once this inventory had been reserved it couldn't be moved without unreserving and then doing the transfer. With Release 9.1, we plan to enable you ***to do bin-to-bin transfers of allocated material***, even inventory already in containers.

New Functionality

PeopleSoft Inventory will enable you to transfer stock within the business unit that has been hard-allocated to a MSR, sales order, production transfer order, or work order. This will include:

- Stock that has been pre-allocated to a demand line. This pre-allocation may have occurred due to pegging, lots, or just general pre-allocations. You can transfer stock allocated to all pre-allocated demand lines that do not have a pick batch ID, including;
    - The demand lines of MSRs in the fulfillment states of Unfulfilled or Releasable.
    - Work order demand lines from PeopleSoft Maintenance Management.
- Stock that has been allocated to a demand line that has a pick batch ID assigned. These demand lines that are in the middle of the picking stage, including:
    - The demand lines of MSRs with a pick batch ID and in the fulfillment state

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of Released.

- Work order demand lines from PeopleSoft Maintenance Management that have a pick batch ID.
- Production order demand lines from PeopleSoft Manufacturing (the SF_ISS_TRANSFER record) with a pick batch ID.

Allocated stock can be transferred to another material storage location within the Inventory business unit using:

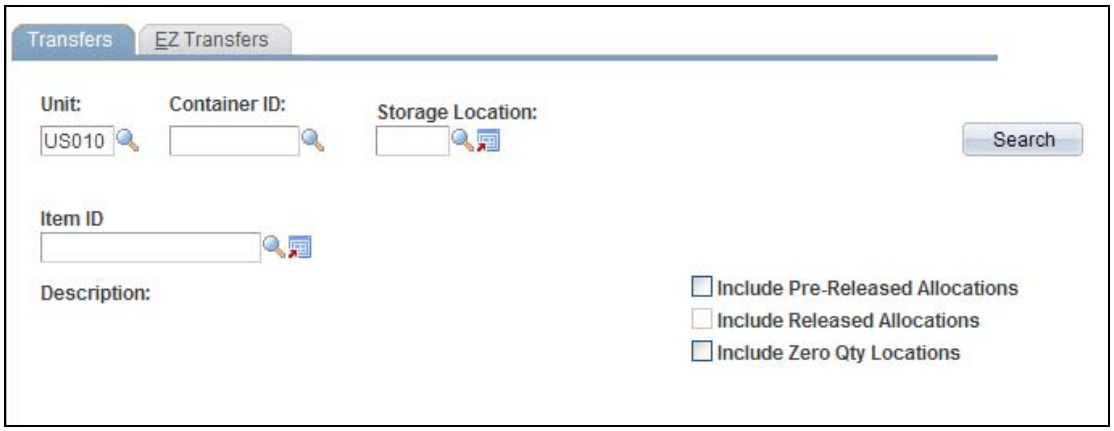
- The Transfers component
- The Inventory Transfer EIP (INVENTORY_TRANSFER service operation within the PeopleSoft Integration Broker).
- The Storage Location Transfer page (transaction page)

The Online Transfers Component

For online transfers, you can use the Transfers component to find and move allocated stock that is:

- Loose stock quantities within the business unit.
- An entire storage container that includes some or all allocated stock.

The EZ Transfers page cannot be used to transfer allocated stock.



Transfers component for online transfers within a business unit

Select the Include Pre-Released Allocations check box to display and enable the transfer of stock that has been hard-allocated to demand lines before the picking process

Select the Include Released Allocations check box to display and enable the transfer of allocated stock when the demand lines have already entered the picking stage and a pick batch ID has been assigned.

Inventory Transfer EIP

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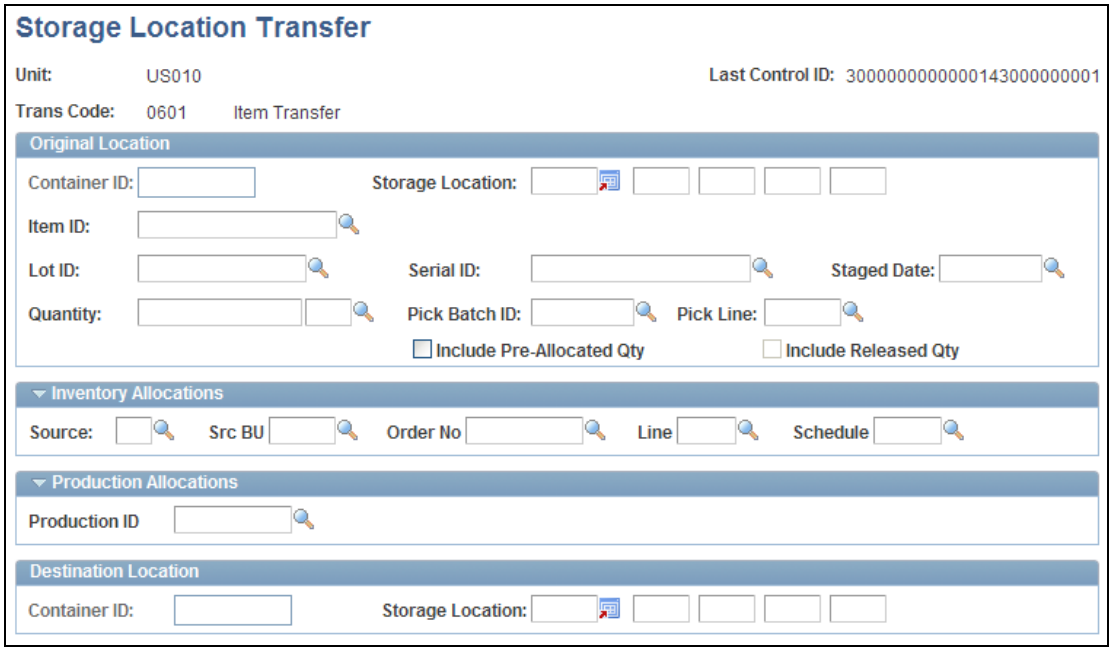
The Inventory Transfer EIP is an asynchronous service operation that receives material storage location transfers staged by third-party applications; such as, electronic data collection systems and warehouse management systems. The Inventory Transfer EIP can use the transaction codes of 0601 (item transfer) or 0602 (container transfer) to transfer allocated stock. The message used by the INVENTORY_TRANSFER service operation will have the following fields:

- INCLUDE_ALLOC_FLG: Enter Y in this field to transfer the selected stock even if the stock has been pre-allocated.
- INCLUDE_RELSD_FLG: Enter Y in this field to transfer the selected stock even if the stock has been allocated to a demand line with a pick batch ID.

Storage Location Transfer Transaction Page

The Storage Location Transfer transaction page under the SCM Integrations menu can be used to collect transfer transactions from an electronic data collection system. Allocated stock can be transferred using the transaction codes of 0601 (item transfer) or 0602 (container transfer).



Storage Location Transfer page

Select the Include Pre-Allocated Qty check box to transfer the selected stock even if the stock has been pre-allocated.

Select the Include Released Qty check box to transfer the selected stock even if the stock has been allocated to a demand line with a pick batch ID.

Transaction Maintenance Component

For both the Inventory Transfer EIP and the Storage Location Transfer transaction page, the Transaction Maintenance component can be used to adjust data within the staging tables. The Transaction Maintenance- Inventory Transfer page can be used to adjust the allocation transfer settings on a transaction row.

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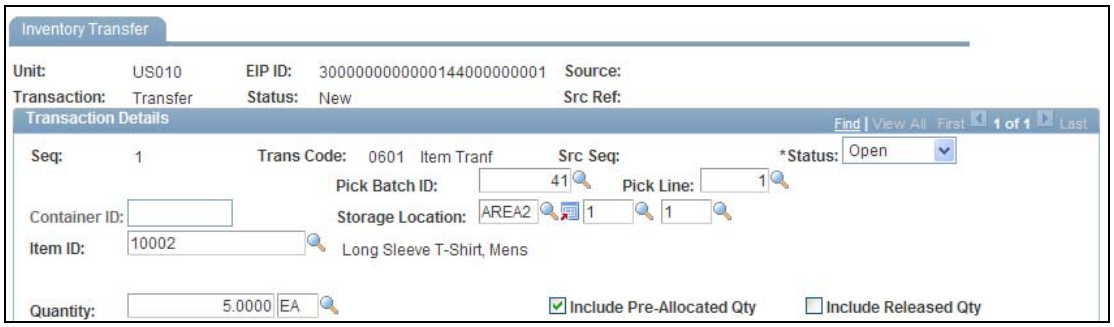
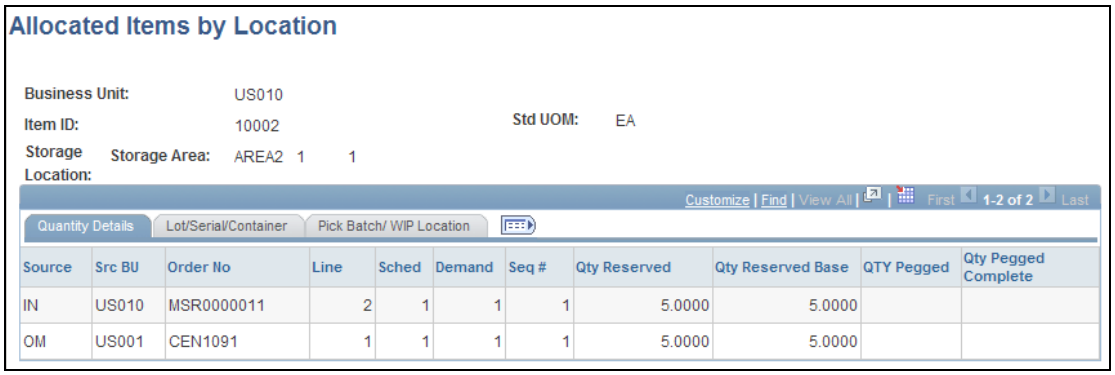


Transaction Maintenance- Inventory Transfer page (partial screen shot)

Viewing the Allocated Stock of a Demand Line

A new inquiry page has been added to display the allocated quantity for an item within a specific material storage. Access the Allocated Items by Location page by clicking the Qty Reserved link on the Item Balance by Location page or the Inventory Inquiry by Location Details page.



Source	Src BU	Order No	Line	Sched	Demand	Seq #	Qty Reserved	Qty Reserved Base	QTY Pegged	Qty Pegged Complete
IN	US010	MSR0000011	2	1	1	1	5.0000	5.0000		
OM	US001	CEN1091	1	1	1	1	5.0000	5.0000		

Allocated Items by Location page

Return to Vendor Efficiencies

Currently, PeopleSoft Purchasing Return to Vendor functionality requires a multi-step approach, incorporating both on-line and batch processes, in both PeopleSoft Purchasing and Inventory. For Inventory Release 9.1, we plan to allow you to complete the entire Return to Vendor (RTV) ***transaction in one step*** from the Purchasing RTV page without having to manually access the Inventory transaction pages. We plan to enable you optionally to take the RTV demand line through the fulfillment steps to generate a pick plan to trigger warehouse personnel to pick and ship goods back to the vendor. In addition, you will be able to allocate precise stock to be returned, down to the serial number or lot, by specifying it on the RTV page instead of accessing a PeopleSoft Inventory page to complete this task.

New Functionality

Once you have created an RTV ID in PeopleSoft Purchasing, steps are taken in PeopleSoft Inventory to remove any stock that has already been put away and update the inventory quantity balances. The RTV transaction (Purchasing, Return To Vendor, Add/Update RTV) determines what actions are taken in PeopleSoft Inventory:

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- When the RTV line disposition is Ship, inventory personnel retrieve the stock from the current material storage location and ship the stock back to the vendor. A MSR will be created to record this action.
- When the RTV line disposition is Destroy, inventory personnel retrieve and destroy the stock. An inventory adjustment will be used to record this action.

If the RTV line disposition is Ship, then an MSR will be created in PeopleSoft Inventory using the Request Type of Vendor Returns. The RTV Inventory Ship Option field, also on the RTV transaction in PeopleSoft Purchasing, determines how the MSR will be created in PeopleSoft Inventory. The RTV Inventory Ship Option field will include the following options:

- Express: When the RTV is saved on the Return to Vendor page, the system will create an MSR in the shipped state using the INVENTORY_SHIPPING EIP.
- Fulfillment: When the RTV is saved on the Return to Vendor page, the system will create an MSR in the unfulfilled state using the INVENTORY_CREATE_STOCK_REQUEST EIP. If you specified the exact location, then a pre-allocation will also be created. Once the MSR has been created, your warehouse personnel follow your organization's standard routine for warehouse shipments, such as, generating a pick plan, confirming picking, generating shipping documents, and so on.
- Manual: You will need to create the RTV transaction in PeopleSoft Purchasing and then manually create the MSR to ship the rejected stock back to the vendor using either the Express Issue component or the Create/Update Stock Request component.

If the RTV line disposition is Destroy, then an inventory adjustment will be recorded. Based on your organization's needs, select an RTV Inventory Destroy Option:

- Express: When the RTV is saved on the Return to Vendor page, the system will create an adjustment transaction using the INVENTORY_ADJUSTMENT EIP.
- Manual: You will need to create the RTV transaction in PeopleSoft Purchasing and then manually create the adjustment transaction for the rejected stock using the Adjustments component (Inventory, Manage Inventory, Adjustments).

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Delivery Management

Delivery management is an important area for many organizations looking to reduce shipping costs by proper planning and efficient packaging. For PeopleSoft Inventory Release 9.1, we plan to enhance shipment planning by creating a new concept of Delivery to replace the existing Estimated Shipments functionality. Deliveries are logical groupings of demand lines that can be shipped together. Deliveries can be created and maintained automatically by the system or manually by a user. PeopleSoft Inventory and Order Management can use these groupings for:

- Efficiently grouping demand lines together to reduce the number of shipments to one customer location or internal department.
- Performing fulfillment activities in PeopleSoft Inventory.
- Packing shipping containers (both material stock requests and sales orders).
- Calculating weight and volume pricing for sales orders using PeopleSoft Order Management and PeopleSoft Enterprise Pricer.
- Calculating freight charges for sales orders.

New Functionality

Based on your setup, deliveries can be created:

- Manually by a user with access to the Delivery Management Workbench component.
- Automatically by the system when a sales order is saved or changed.
- By the Order Completion process in PeopleSoft Order Management.
- Automatically, in the Shipping/Issues component in PeopleSoft Inventory.
- By selecting the automatic delivery management option in the Fulfillment Workbench, Material Picking Feedback component, Picking Confirmation process page, Front End Shipping Requests process page, or Shipping Requests process page.
- By running the Process Deliveries/Freight process (IN_FUL_DEL).

The new Delivery Management Workbench will enable you to create deliveries, change existing deliveries, and assign demand lines, shipping containers and packages to the deliveries. In addition, you will be able to perform freight calculations for the delivery.

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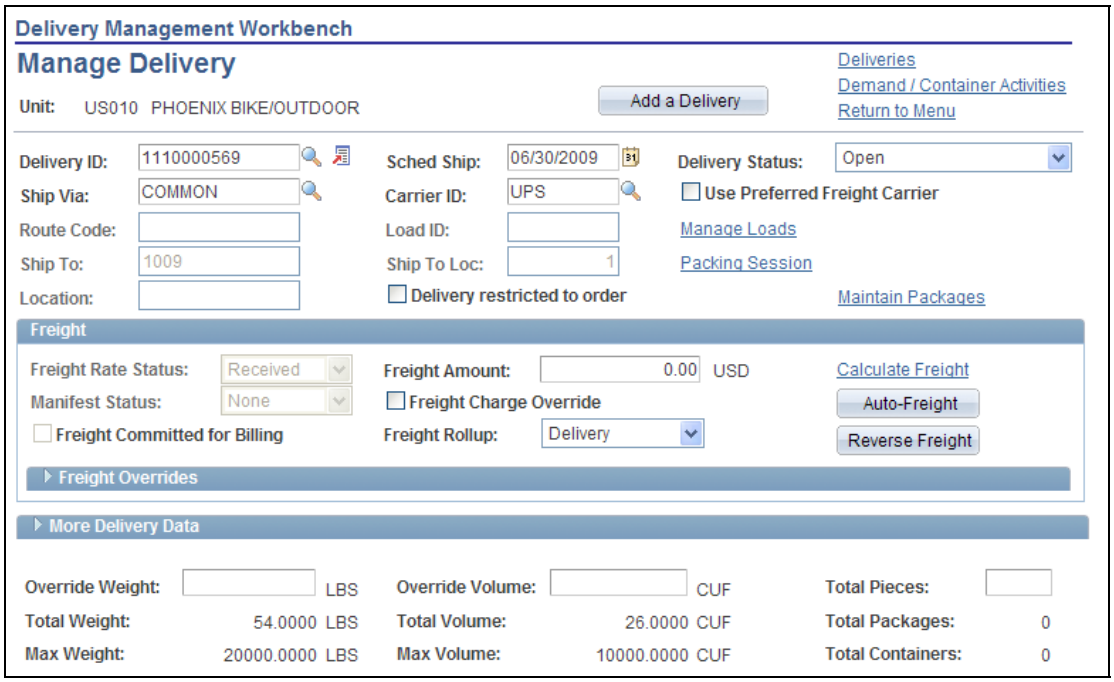
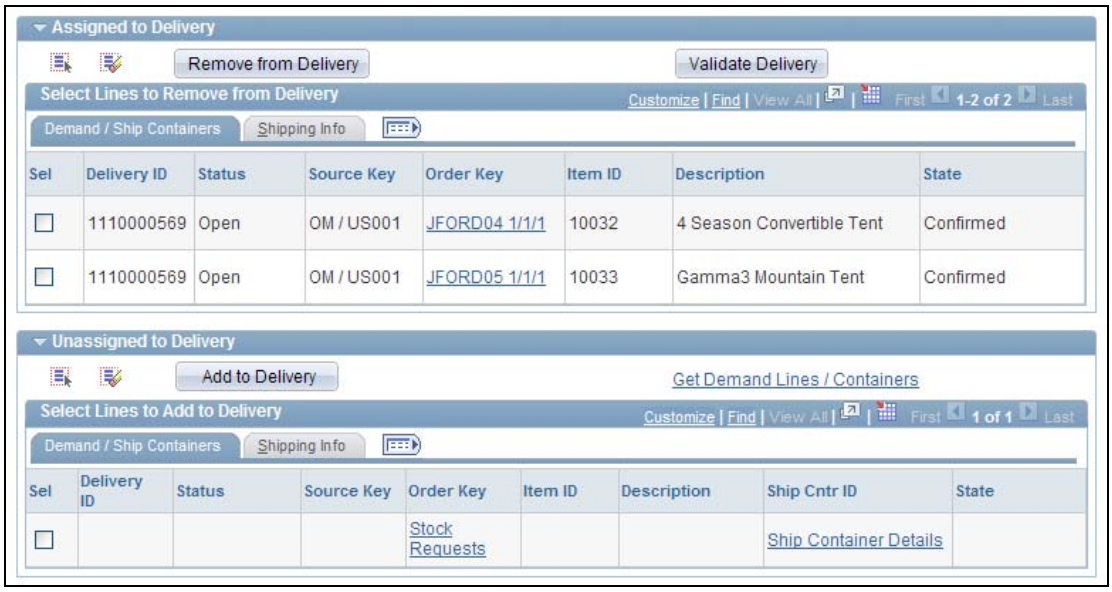


Delivery Management Workbench – Manage Delivery page (1 of 2)



Delivery Management Workbench - Manage Delivery page (2 of 2)

The new Process Deliveries/Freight process page will enable you to create delivery IDs or calculate freight charges.

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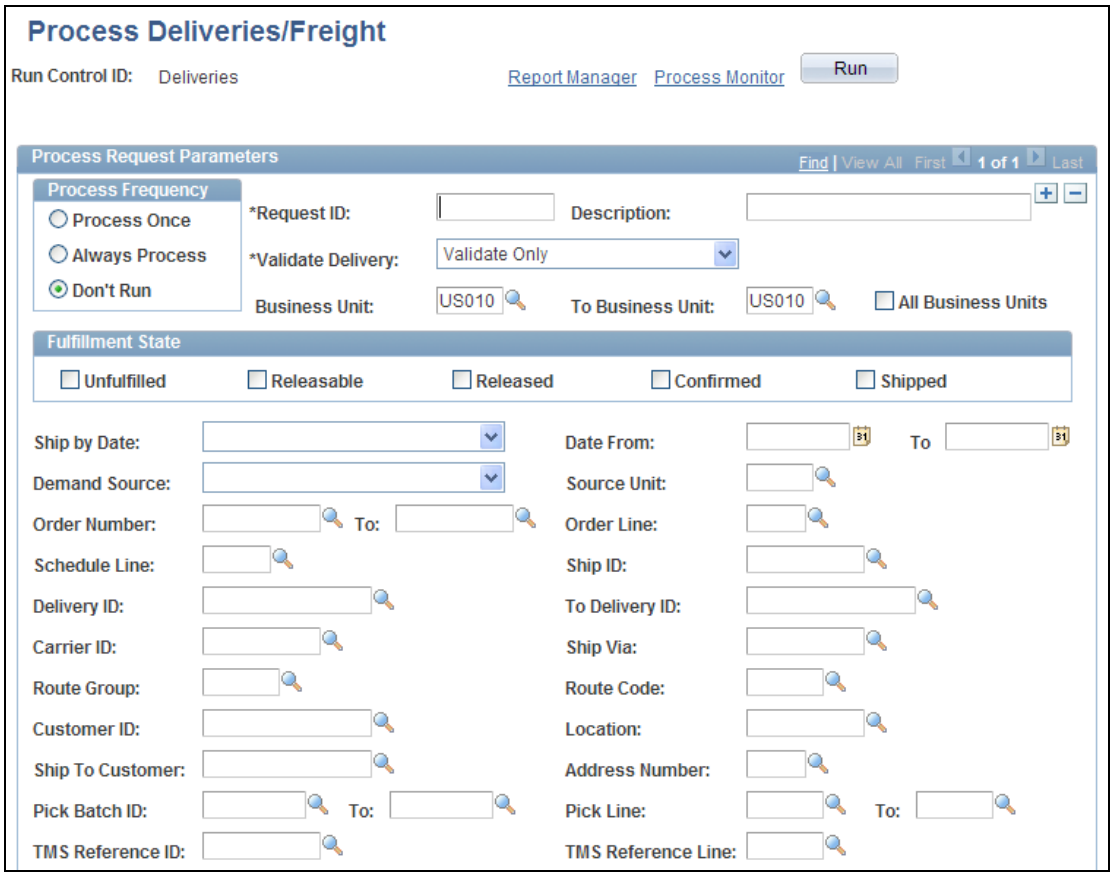
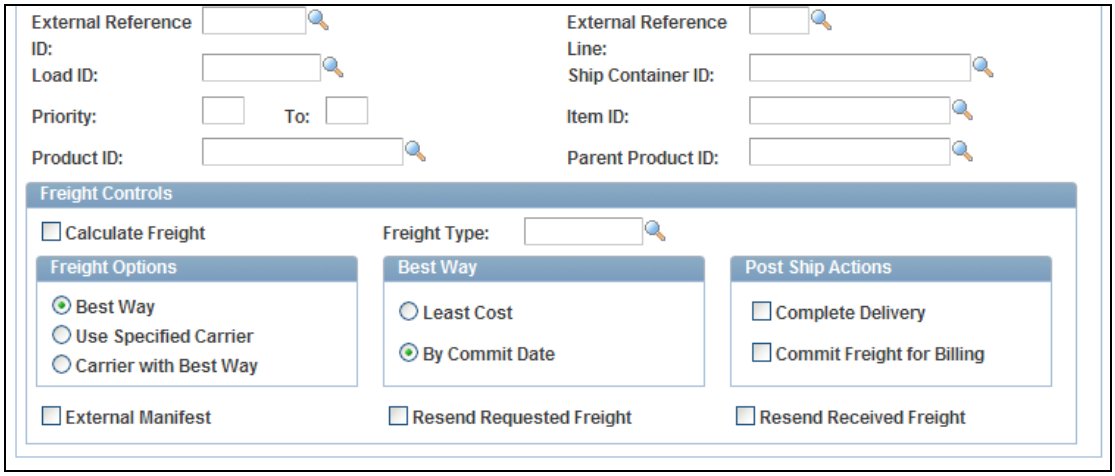


Process Deliveries/Freight process page (1 of 2)



Process Deliveries/Freight process page (2 of 2)

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Freight Calculations

The freight calculation features in PeopleSoft Inventory enable you to apply freight charges to sales orders and quotes from PeopleSoft Order Management. In prior releases, freight could be manually entered by the user or calculated by the system using the PeopleSoft internal freight calculator. For PeopleSoft Inventory Release 9.1, we plan to ***enable integration with a third-party freight system to provide freight charges for sales orders and quotes.*** For example, using ConnectShip, you can receive freight data from package carriers such as Federal Express, DHL and UPS.

Using PeopleSoft enterprise integration points (EIPs), you can send deliveries to a third-party freight provider and receive back freight amounts, carriers, dates for shipment and arrival, and other freight information. In addition to providing freight charges to the delivery, the external freight provider can also provide the following services:

- Creating, maintaining, and printing shipping manifests for individual carriers. The manifest information is sent to the PeopleSoft system and maintained with the shipping history information.
- Printing shipping labels. A link to the shipping labels stored at the third-party provider site is maintained with the PeopleSoft delivery tables.
- Generating tracking numbers. The tracking numbers are sent to the PeopleSoft system and maintained with the delivery tables.
- Printing specialized shipping documents such as bill of ladings and export documentations.

Note: Whether the preceding services are provided by the third-party freight system will depend on your agreement with the external freight provider. Oracle is not responsible for the specific services delivered by the third-party freight provider.

New Functionality

PeopleSoft will provide a number of ways to communicate with the third-party freight provider system, including:

- PeopleSoft will allow the request for freight calculations to be initiated within the PeopleSoft system or within the third-party freight provider system. You will be able to request freight calculations if you are using a workstation with the third-party freight application or a workstation with PeopleSoft.
- Using a synchronous service operation, you will be able to receive an immediate response to a freight request so that you can immediately communicate shipping cost or even choose from a selection of shipping choices.

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- Using an asynchronous service operation, you will be able to request freight calculations in background processing. This is especially useful for a large volume of orders.

The PeopleSoft external freight feature will provide the following methods to request freight:

- Rate Shopping: Rate shopping is an optional feature that enables a user to preview and choose which freight carrier and charges to use on the delivery based on the choices retrieved from the third-party freight provider. This method displays the Freight Rate Shopping page for users to view, evaluate, and select the best freight carrier for their needs.
- Specified Carrier: The PeopleSoft system sends a request with a specific carrier ID to the third-party provider system, and the third-party provider returns only freight choices from the specified carrier. The user can preview these choices.
- Best Way: The PeopleSoft system sends a best way request to the third-party provider system, and the third-party provider returns only one freight choice per delivery ID. The user can preview this choice. The best way options are:
  - Least Cost: The third-party freight system selects and returns the freight service with the least cost.
  - By Commit Date: The third-party freight system selects and returns the freight service that best matches the scheduled ship date.

When integrating with a third-party freight provider, the PeopleSoft system will use enterprise integration points (EIPs) within the PeopleSoft Integration Broker. In order to exchange information with the external freight provider, PeopleSoft demand lines must be grouped into delivery IDs. The following service operations will be used:

- Inventory Freight Rate Request: This synchronous (two-way) service operation is used to send a freight request transaction request and receive an immediate response from the third-party freight system. Using these online pages, a user can request rate shopping, best way, or a specified carrier.
- Inventory Freight Request: This asynchronous (one-way) service operation is used to send a freight request transaction request to the third-party system. The delivery can use best way or specified carrier. This method is used when an immediate response is not needed, such as requesting freight through a background process or for a batch of orders.

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- Inventory Freight Response: This asynchronous (one-way) service operation is used by the external third-party system to respond to the Inventory Freight Request service operation transaction request. In addition, the third-party freight system can use the Inventory Freight Response service operation by itself to initiate the data transfer to PeopleSoft. This data from an Inventory Freight Response transaction request is received into PeopleSoft using the Inbound Freight process which updates the sales order and delivery tables in PeopleSoft.
- Inventory Freight Ship Request: This synchronous (two-way) service operation will send a freight request message and receive an immediate response from the third-party freight system. A user can request rate shopping, best way, or a specified carrier. In addition, this service operation enables you to request and receive manifest information. The third-party freight system can create, maintain, and print the shipping manifests, then send the manifest information to PeopleSoft to be stored in the shipping history tables. This service operation can only be initiated when the delivery is ready for shipment.

Transaction requests can be sent to an external third-party freight system using the following PeopleSoft page and processes:

- The Order Entry Form in PeopleSoft Order Management can launch the Inventory Freight Rate Request service operation. Using this online component, a user can receive an immediate response from the third-party freight system.
- The Delivery Management Workbench in PeopleSoft Inventory can launch the Inventory Freight Rate Request service operation (for freight data only) or launch the Inventory Freight Ship Request service operation (for freight and shipping manifest data). Using this online component, a user can receive an immediate response from the third-party freight system.
- The Order Completion process in PeopleSoft Order Management can launch the Inventory Freight Request service operation. This process can create deliveries by grouping sales order demand lines and then send the batch of deliveries to the third-party freight system. This process provides an efficient way to request freight for a large number of sales orders.
- The Process Deliveries/Freight process in PeopleSoft Inventory can launch the Inventory Freight Rate Request service operation. Like the Order Completion process, this process page enables you to create deliveries and then send the deliveries to the third-party freight system.
- The Shipping / Issues component in PeopleSoft Inventory can launch the Inventory Freight Ship Request service operation for freight and shipping manifest data. The Shipping / Issues component also provides a link to the Delivery Management Workbench.

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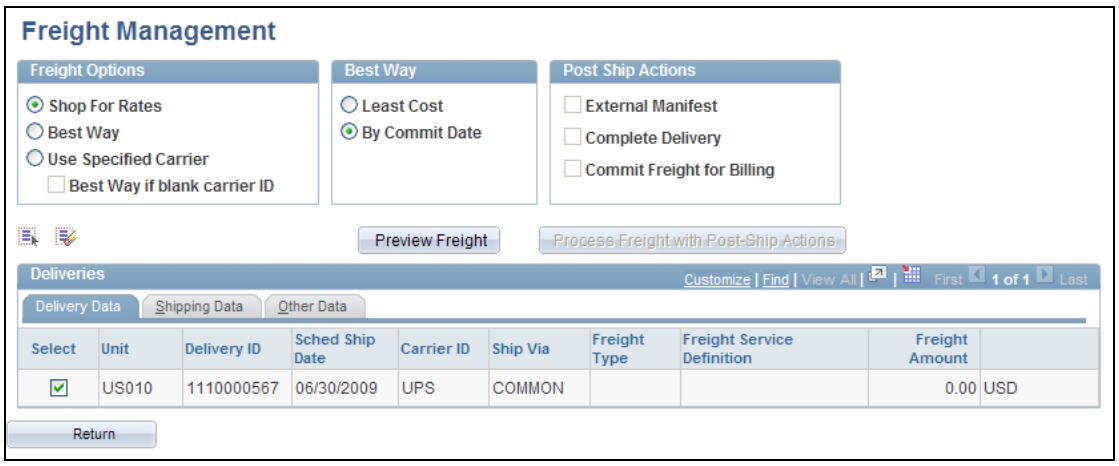
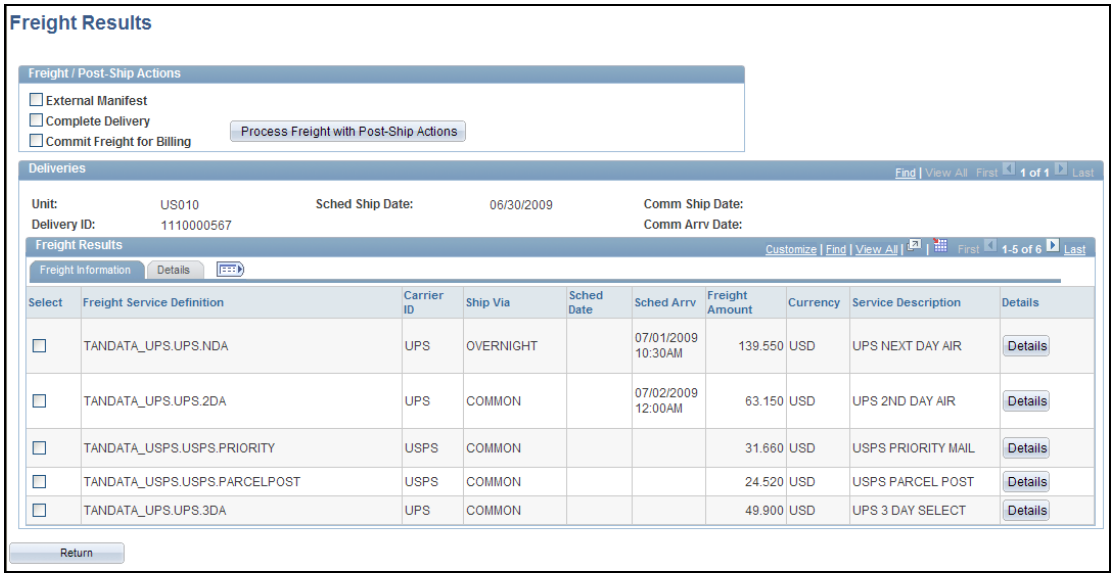
- The Shipping Request process page and the Inventory Shipping EIP in PeopleSoft Inventory can launch the Inventory Freight Ship Request service operation for freight and shipping manifest data.
- The Front End Shipping Request process page and the Inventory Front End Shipping EIP in PeopleSoft Inventory can launch the Inventory Freight Ship Request service operation for freight and shipping manifest data.

The new Freight Management page will enable you to select deliveries, change freight options and then initiate a transaction request to the third-party freight provider.



Freight Management page

The following page shot displays the results of the rate shopping method. The third-party freight provider has returned several freight options. Choose one freight option to be applied to the delivery.



Freight Results page

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Inter-Unit Visibility Enhancements

You're expecting a shipment of items from another business unit, but it hasn't arrived yet. You suspect some of the stock has been received, but you aren't sure and you need a place where you can see all activity against your material stock request. For Release 9.1, we plan to enhance three areas to ***increase visibility for interunit transfer orders.*** We plan to provide a new secondary page to the Interunit Stock Status page to allow users to view receipts. In addition, we plan to add new fields to the search pages of the Fulfillment Status inquiry component and the Stock Request inquiry component to allow you to filter demand on interunit transfer orders. Also planned is the addition of the interunit ID and interunit line number fields to the Review Transaction History page to enable users to view interunit information for transactions.

New Functionality

Three areas will be enhanced to increase visibility for interunit shipments:

- The new Associated Receipts page will be added to the Interunit Stock Status page to allow users to view receipts.
- New fields have been added to the Fulfillment Status Order Selection page and the Stock Requests-Order Details page to allow the user to view interunit information.
- The Interunit ID and Interunit Line fields have been added to the Review Transaction History page to allow users to view interunit information for transactions.

The new Associated Receipts page enables you to view receipts into the destination Inventory business unit for an interunit transfer order. This page can be accessed by clicking the new Receipt List icon on the InterUnit Stock Status page.

The Associated Receipts page for InterUnit Transfers

The search criteria page of the Fulfillment Status inquiry component now contains fields to search for interunit transfers. To search for a specific interunit order or a specific line in an interunit order use the InterUnit Order ID field and the Interunit Line field.

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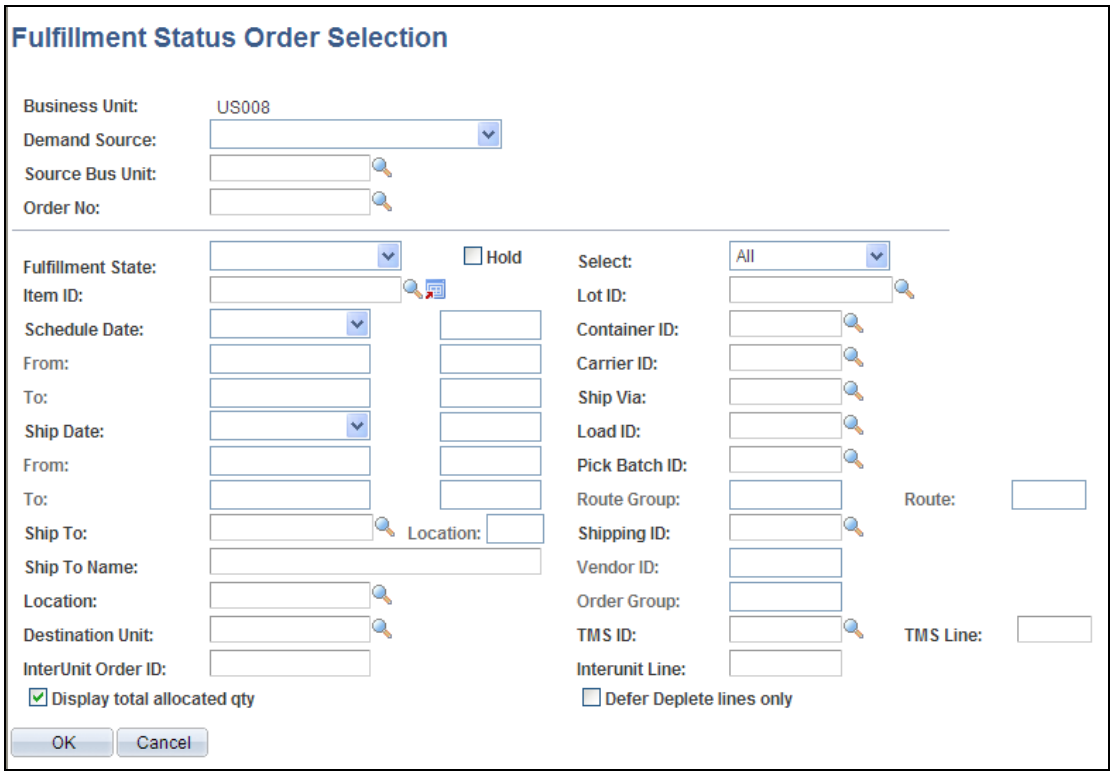

Fulfillment Status Order Selection page

Within the Stock Request inquiry component, the Stock Requests- Order Details page has been enhanced to include the interunit ID and the interunit line number.

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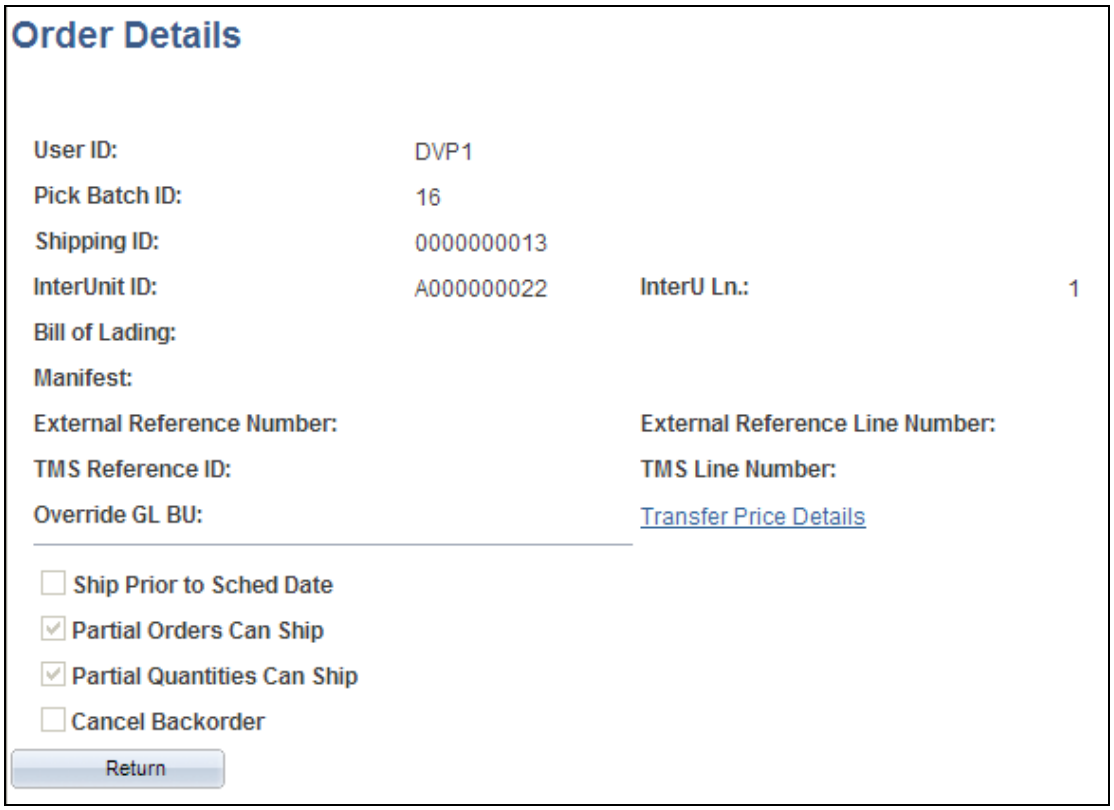

Order Details page of the Stock Request inquiry component

The interunit fields have been added to the Review Transaction History page to allow users to view interunit information for transactions. In the five dynamic column headings available in the scroll area, you can choose the transaction attributes that you want to display and the order in which you want them arranged. For interunit transfers, you can now choose to display the interunit ID and interunit line number.

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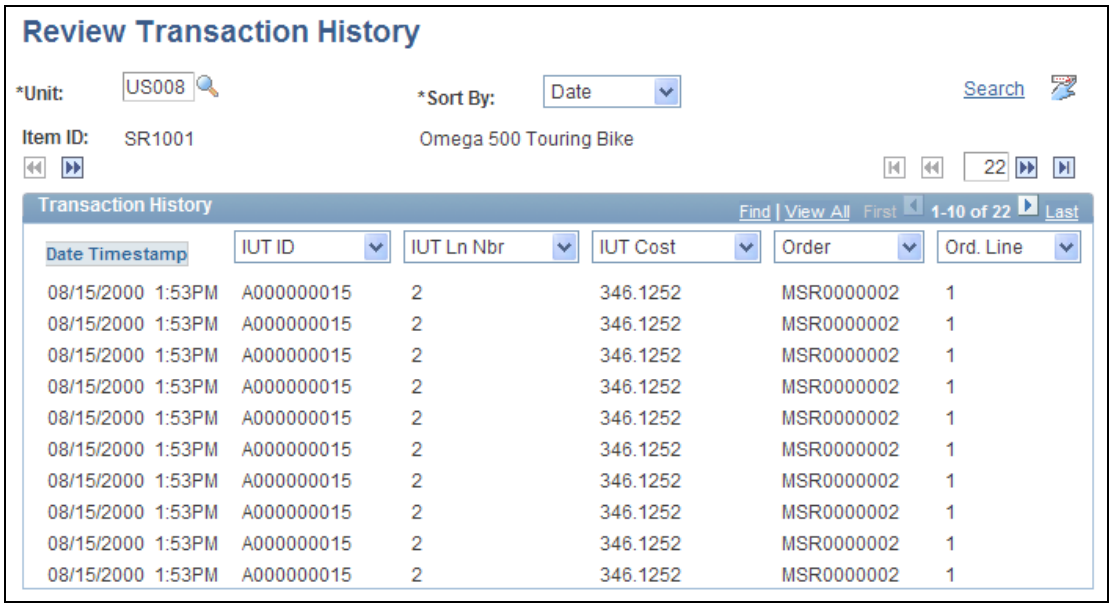

Review Transaction History page displaying interunit information

Cost Management 9.1

PeopleSoft Enterprise Cost Management provides the control and flexibility you need to manage costs throughout your supply chain. With powerful features that support multiple methods of costing, comprehensive analysis, flexible overhead allocation, and accurate accounting and reporting, our cost management system enables you to model your business exactly as you require it. For Release 9.1 we concentrated on improvements to the interunit costing functionality.

For PeopleSoft Cost Management 9.1, we plan to deliver functionality in the following areas:

- Interunit Costing Enhancements
- Rounding and Precision Improvements

Interunit Costing Enhancements

You often transfer goods between entities within your organization or issue goods to or on behalf of different entities within your organization and often have complex rules as to how these transactions are priced and costed. For Release 9.1, we plan to provide the ***option to specify a percentage markup, transfer price, and additional fee based on the source and destination inventory business unit pair***.

In some environments the profit from the transfer of material from various PeopleSoft Manufacturing business units to the distribution business unit will vary depending on the site that manufactured it. In the current solution, companies have no visibility into the manufacturing cost and break-out of item cost into material cost, conversion cost and more. With PeopleSoft Cost Management Release 9.1, we plan to provide options to track ***true costs in their pristine form at the cost element level*** through the interunit transfer process.

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In addition, we plan to provide an option that allows destination business units to ***write-off profit in inventory*** before rolling that into the item's cost at the destination. Today there is no way to stratify the profit portion of the item's transfer price from the cost portion. This is critical for organizations that do not want the value of inventory in destination business units to be increased because of the rolled-up profit.

New Functionality

A transfer of stock between two inventory business units is known as an interunit transfer. To create an interunit transfer, add a MSR with the request type of Interunit Transfer. The MSR includes a destination (receiving) inventory business unit. During demand fulfillment, the MSR is located in the IN_DEMAND table. Once the transfer price has been calculated by the Deplete On Hand Qty (depletions) process, the transfer price will be located in a child table, IN_DEMAND_TPRC, where it is broken out into several parts by cost elements. Cost elements can be created for material costs, landed costs, and, for release 9.1 new cost elements will be created for additional transfer costs. Estimated transfer price details will be viewed using the new Transfer Price Inquiry component. While the stock is in the intransit account, the material, landed, and additional transfer costs are all included in the total transfer price. The transfer price details will be retained when the stock is received by the destination business unit. During putaway, the additional transfer costs can be included in the material cost of the stock or the additional transfer costs can be expensed.

The Deplete On Hand Qty process will use a default hierarchy to determine the transfer price for each line of an interunit MSR. In the default hierarchy, the more specific information overrides the more general information. You derive transfer prices from:

- Override values entered on the MSR line. If you selected the Allow Price/Markup Overrides check box on the Setup Fulfillment page of the source business unit, then you can change the transfer price on the line.
- The new Transfer Pricing (CM_TRAN_PRICE) table. This table will include the material portion of the transfer price and the additional transfer costs. The new Calculate Transfer Price process (CM_TRANS_PRC) will populate this table based on your setup in the new Transfer Pricing Definition component. The Deplete On Hand Qty process will look for a transfer price specified for the item ID. This transfer price can be broken up into multiple cost elements. The setup and use of the Transfer Pricing table will be optional.
- The new Transfer Pricing Definition component. If the Transfer Pricing table contains no entry for a specific item ID, then the Deplete On Hand Qty process will calculate a transfer price using the data in the Transfer Pricing Definition component.
- A value based on the cost of the item. If the transfer price cannot be derived from the transfer pricing definition, then the Deplete On Hand Qty process will use a value based on the item cost.

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The following example shows a simplified MSR with an interunit transfer price (transfer cost):

IN_DEMAND Table (simplified):

Business Unit	Order No & Lines	Item ID	Quantity	Transfer Price
US010	MSR003 / 1 / 1 / 1	20001	1 EA	28.00 USD

IN_DEMAND_TRPC Table (simplified):

Cost Element	Transfer Price
100 (Material – General)	11.00 USD
200 (Material – Overhead)	2.00 USD
601 (Landed – Duty)	5.00 USD
750 (Addl Trans – Handling)	6.00 USD
751 (Addl Trans – Freight)	4.00 USD

Example of a MSR a with transfer price

A new cost category will be added for additional transfer costs.

Cost Element page displaying cost elements for additional transfer costs

The new Transfer Pricing Definition component will enable you to specify the calculation of material and additional transfer costs portions of a transfer price.

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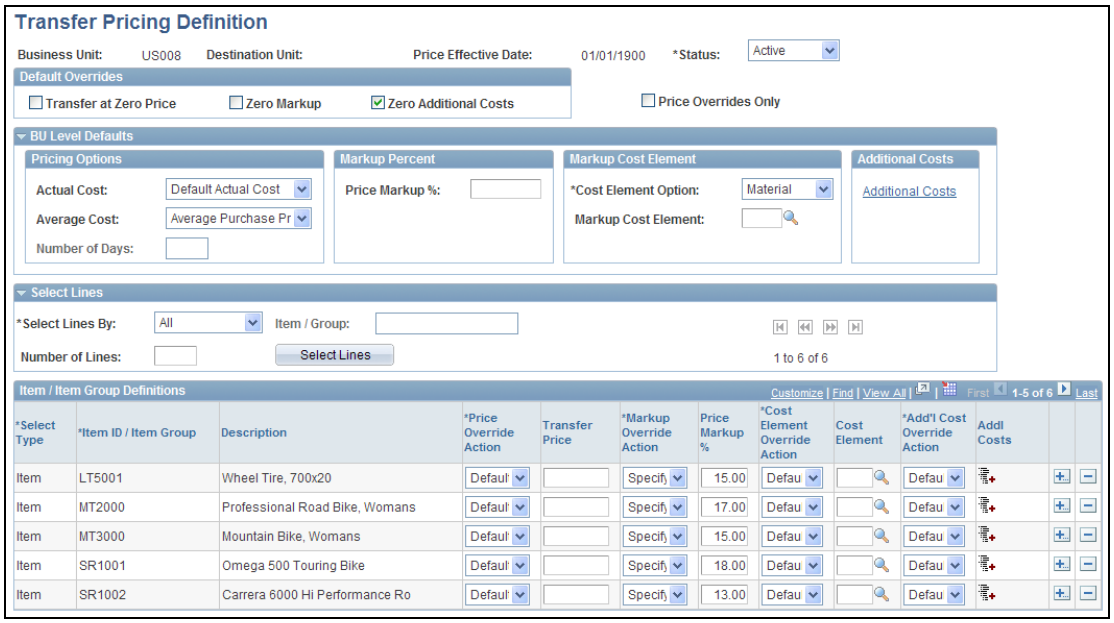

Transfer Pricing Definition component

The new Transfer Pricing Definition component will enable you to specify transfer prices based on:

- Inventory business unit pairs (a combination of the source business unit, destination business unit, and pricing effective date)
- The source business unit only (a combination of the source business unit and pricing effective date)

Multiple options are available for determining the material portion and the additional transfer cost portion of the transfer price. The new Transfer Pricing Definition component will replace the Item Transfer Price page and the Item Transfer Markup page.

You can decide to use a static transfer price for all interunit transactions with the same data by populating the Transfer Price table (CM_TRAN_PRICE).

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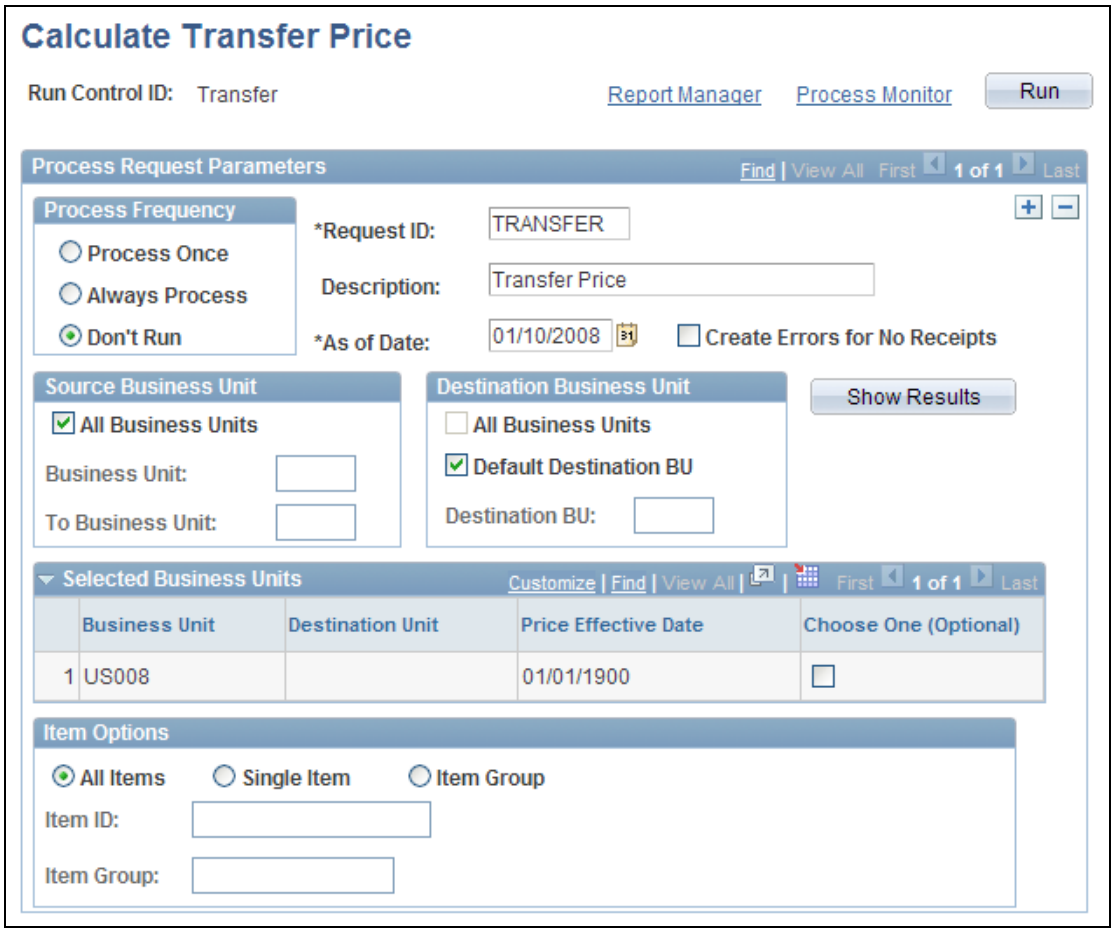

Calculate Transfer Price process page

The new Calculate Transfer Price process (CM_TRANS_PRC) will populate the Transfer Price table (CM_TRAN_PRICE) with the transfer prices (material and additional transfer costs) that are used by the system when an MSR transfers stock. The Calculate Transfer Price process (CM_TRANS_PRC) will populate this table based on your setup in the Transfer Pricing Definition component. Populating the Transfer Price table is optional, you can have the system create the transfer price based on the currently available data and setup rather than using the values in this table.

The new Transfer Price Inquiry page will enable you to view the transfer pricing setup for an item.

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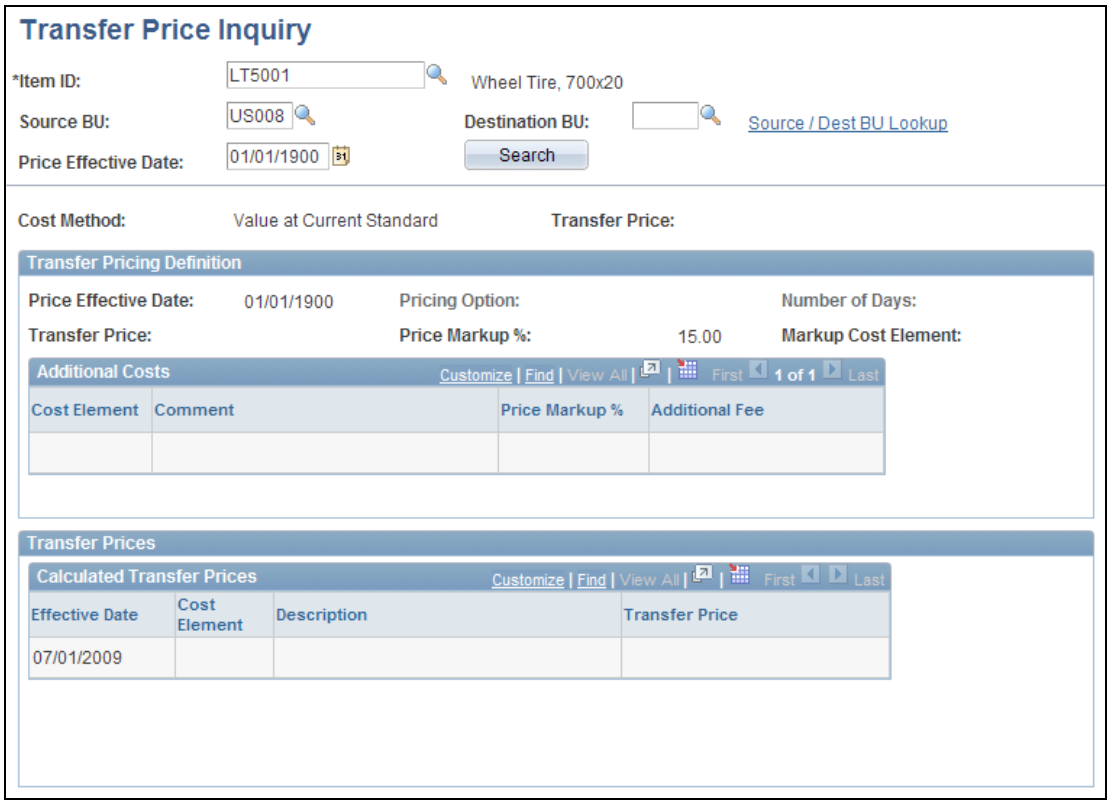

New Transfer Price Inquiry page

Rounding and Precision Improvements

Exact precision where unit costs are concerned is important, especially when the cost of the item is small and the stocking unit of measure is smaller than the ordering unit of measure. In previous releases, the unit costs were rounded or truncated, which resulted in incorrect variances. For Release 9.1, we addressed the various inconsistency issues for all costing methods by ***improving the cost rounding precision***.

New Functionality

For the following fields, the field size will be increased from 10.4 to 10.15:

- CM_UNIT_COST (Unit per Cost field)
- CM_UNIT_COST_STD (Standard Cost per Unit field)
- CM_UNIT_COST_VSUM (Cost per Unit Variance Sum field)
- CM_UNIT_COST_OLD (Old Cost per Unit field)

This change will improve the precision of cost calculations, especially variances.

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Contracts 9.1

To be effective, your contract management system should reflect the way you run your business. With PeopleSoft Enterprise Contracts, revenue recognition and billing are independent decisions so you can satisfy your customers' demands while adhering to proper revenue recognition. Increased visibility into any contract's financial status allows better decision-making relating to customer issues and provides insight into the revenue generation of your organization. The following enhancements are planned for the Contracts module:

- The ***Revenue Reconciliation Workbench*** (RRW) is a tool that will aid revenue accountants and contract administrators in identifying revenue, billing, and project concerns and exceptions. This feature addresses the critical need to provide better insight into all processes pertaining to revenue and billing management. Better insight also facilitates compliance with legislative requirements, such as Sarbanes-Oxley and the numerous regulations put forth by the United States Government's Office of Management and Budget. The RRW helps organizations identify discrepancies between revenue, billings, and costs so that they can maximize the time spent analyzing and fixing discrepancies and minimizing the effort spent attempting to locate them.
- Amendments can now be used to update prepaid amounts after you change the prepaid status to ready. The software changes enable modification of prepaids in amendment mode if the associated bill plan has been processed or utilization has begun for that prepaid. This increased flexibility of allowing ***modification of the contract prepaid amounts*** eliminates the need for making manual adjustments in subsystems such as Billing and General Ledger to account for any unutilized amounts either in the form of a reduction or a write-off.
- With an increased number of organizations performing work for the United States Government, PeopleSoft Contracts 9.1 plans to enhance the flexibility offered in support of invoicing for government contracts. Both tracking of life-to-date amount in excess balances and billing via the SF-1034/1035 invoice format will become easier with PeopleSoft Contracts 9.1. More information about this topic can be found later in this document in the sub-section Industry-Specific Solutions - Government Contracting.

New Functionality

PeopleSoft Contracts 9.1 enables you to view a reconciliation summary. The Reconciliation Summary page will be added to view the results from the Reconciliation Summary process. This page will provide the difference between billing and revenue at the detail level. The page also displays attributes that are related to retainages, withholdings, limits, and fees. The information provided on this page will enable you to determine where to complete the remaining process, or to make an adjustment.

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New Functionality

PeopleSoft Contracts 9.1 will provide the ability to make amendments to prepaid amounts. Users will be able to make changes on the Prepaids page when the prepaid status is Ready and either the prepaid bill plan is processed or prepaid utilization has begun. Users will be able to reduce the prepaid amount up to the unused prepaid amount. No limit will exist if users increase the prepaid amount.

If the prepaid Purchased Amount is modified and the amendment is processed, the prepaid bill plan will have to be processed for the modified difference amount. Uses will have to review the bill plan if the status of the bill plan is set to Action Required.

If the modified prepaid amount is inclusive, then it must be included in the negotiated amount of a contract by allocating the difference on the Amendment Amount Allocation page. Before changing the amendment status to Ready, the modified inclusive prepaid should be allocated on the Amendment Amount Allocation page and the allocation should be set to Complete.

The Deferred Revenue Distribution ChartFields will remain open until the prepaid is closed. Any changes made to the deferred revenue distribution fields will be applicable to processing performed after the change is saved.

New Functionality

PeopleSoft Contracts for Government Contracting 9.1 will provide the ability to summarize and report on the amount in excess and reclaimed amount in excess for government contract lines. Users will have to select the Summary Limits for Government Contracts option on the Contracts – Installation options page. This option will allow the limits process to summarize the amounts in excess that are passed to PeopleSoft Billing. This option is applicable only for government contracts.

When a transaction is over the limit that is specified for a transaction ID, or a contract line, an excess amount occurs. The net amount in excess appears on the Excess tab of the Review Limits page and on the Limit Details page. When the contract line amount is billed, the costs will be summarized and categorized on the invoice. If a contract amount is exceeded for a contract line or transaction, then the amount in excess will be printed on the invoice.

If additional funding is received for a contract line and the contract is amended, you will be able to reclaim the additional amount from the previously billed amount in excess bill, and print the reclaimed amount on the invoice. For a specified period of service, the invoice will print the current charges, cumulative YTD amounts, amount in excess and reclaimed amount in excess in a categorized and summarized format.

Billing 9.1

Organizations need the ability to have a flexible and robust billing system that will allow them to customize, calculate, and submit customer invoices in multiple currencies and languages. PeopleSoft Enterprise Billing continues to provide solutions to manage bill cycles and streamline processes to create a billing system that reflects the way organizations do business.

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Streamlined Financial Processes

Enhanced Credit Re-bill Process

To ensure segregation of duties and enable tightening internal controls, customers need the ability to increase the security of the credit generation process. Customers also want the re-bill process to take new combination editing rules and GL/AR options into consideration when a re-bill is created. Improvements during the generation of a bill during the credit and re-bill process will result in better security, fewer errors and reduce time spend to correct such errors. For Release 9.1, we plan to introduce tighter controls around the Credit and Re-bill process and a ***configurable approval process*** to help control creation of invoice transactions. Billing will also use the ***Approvals Workflow Framework for the approval of credits and rebills created***. This configurable approval process will ***allow credits and rebills to be sent to users for approvals and will ensure that users with proper authority approve these items***. Re-billed items will now go through the ChartField combination editing process. In addition, credit controls will be implemented to track a reason for credit entry, thresholds for credit entry and a lockdown on header information changes. Users will have the flexibility to configure for approval of credit generation only, or they can choose to control invoice creation for certain type of billing activities.

New Functionality

All credits and rebills can be combo edited online when the online combination edit installation option is enabled. This will prevent combo edit errors from being detected in the preload process, after a credit/rebill has been finalized and printed, due to changes in the combo edit rules that have occurred since the original bill was created. When you save the credit/rebill, combo edits will take place and any errors that occur will be flagged. Errors can be corrected using the bill entry transaction pages. To allow customers to change their GL/AR options and customer information, and have that information reflected on rebills the current GL/AR options and the customer information is copied to the new bills. There is an option to do a batch combo edit where all the entries will be send through combo edit.

Select an appropriate value from a list of valid reason codes that will be made available to the user via a prompt list. The reason code is mandatory when issuing a credit.

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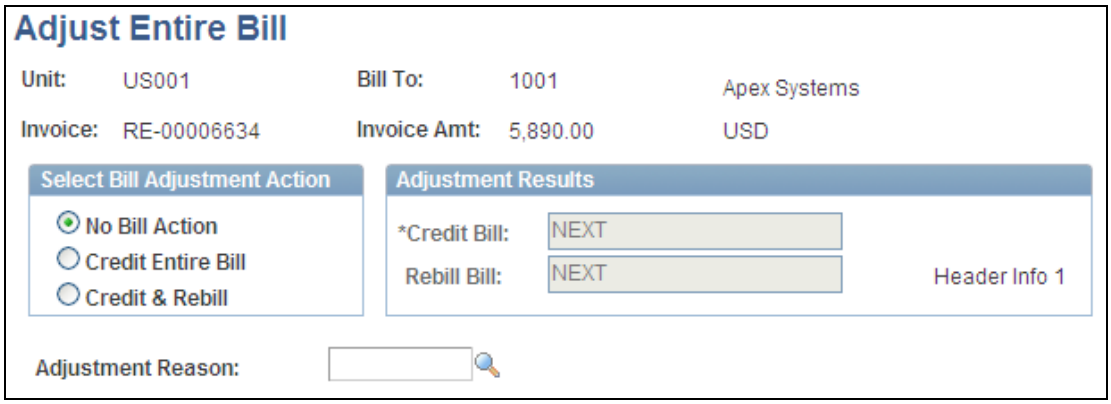

Adjust Entire Bill page

Enhanced RMA Process

Returns are a fact of life for any organization that provides goods to their customers. It is a challenge to manage many different processes for the handling of these returns, to accurately charge back credit cards for returned items and to properly calculate VAT and U.S. based taxes on the credit invoice. To do this you need to be able to capture credit card information when creating an RMA from an existing order, invoice or both. In Release 9.1, we plan to allow the credit card information captured in RMA to be passed to Billing to credit the proper credit cards. To properly calculate the VAT and US based taxes, VAT and U.S. based taxes information will be retrieved from shipping history (invoice or sales order schedule) for credit to be accurately calculated.

New Functionality

The credit card information will be captured and made available to the Billing RMA Adjustment process when an RMA is created in Order Management. The Billing RMA adjustment process will then pass this information to the Billing Interface process. All bills created through the interface will be grouped based on the payment method, credit card details and VAT information.

Online Invoice Rendering

As part of the billing process, customers need the ability to view an official-looking invoice document online. This online invoice will serve as an advance copy of the final invoice and will enable billing users to make changes if needed. In Release 9.1, we plan to provide customers the ability to render an invoice online from the Standard Bill Entry, Express Bill Entry, Bill Summary, and Bill Inquiry components. The online invoice will be temporary in nature and users can change the information as often as necessary.

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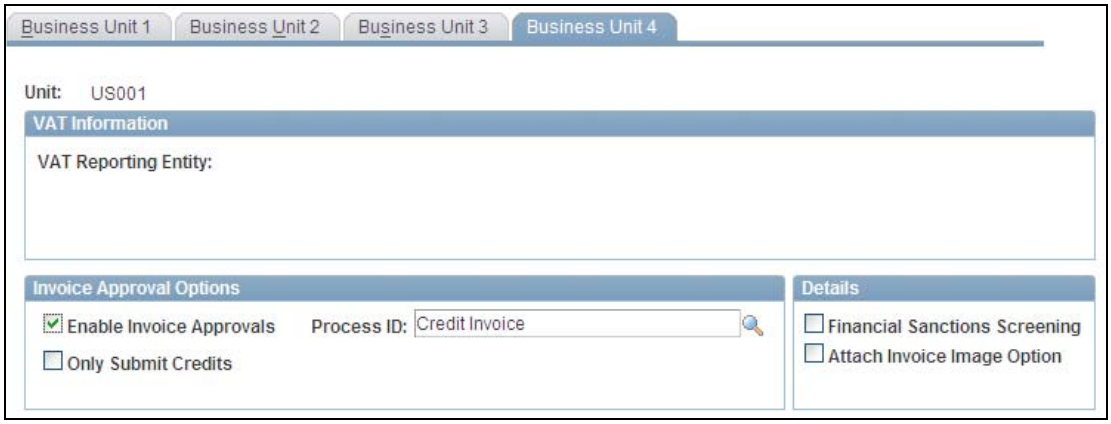
New Functionality

Additional processing is available for invoices with an ***XML publisher format***. If the invoice format is an XML publisher format, the user can print a pro forma invoice online by merely pressing the pro forma pushbutton. When such invoices are finalized, the invoice image is attached to the image and stored in the database. Access the Billing Definition - Business Unit 4 page (Set Up Financials/Supply Chain, Business Unit Related, Billing, Billing Definition, Business Unit 4) to enable the corresponding options.



Billing Definition - Business Unit 4 page

Email Invoice Image as Attachment

Customers need the ability to email an invoice image as an attachment. This saves time and money spent sending hard copies on invoices, and improves collections by reducing DSO. For Release 9.1, users can email an invoice image as an attachment to customers. A new invoice media option for email invoice will allow emailing a PDF of the invoice as an attachment.

Enhanced Credit Card Processing

A growing segment of customers are using credit cards as a method of payment for transactions and they have asked for additional controls for credit card processing. Security enhancements in this area will make the software more compliant with security standards. For Release 9.1, we plan to include credit card processing enhancements to add support for card verification value (CVV) by adding prompts to existing pages and adding logic to pass this value to the third party processor in batch processing. Additionally credit card history will be made available for viewing in Bill Entry.

New Functionality

In Release 9.1, a new option is provided to the user to copy the bill-to or ship-to address from an invoice to the credit card address fields of an invoice. This gives the customer the advantage of not having to re-enter the data if it is not provided by default from the bill-to contact.

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Effective Date Enhancements in Bill Entry

Customers frequently enter past and future invoices through Billing entry and need other dates, in addition to the system date, to retrieve accurate pricing and accounting information. Allowing the use of more than the system date on Billing Entry will enhance the user's ability to correctly price invoices and create accurate accounting entries. In Release 9.1, we plan to provide the user added flexibility in managing their ***effective dated prompts*** in Billing entry. Billing entry will now support the current behavior of using the system date in addition to using the invoice date to drive identifier lookup and the accounting date to drive ChartField prompting.

Global Compliance and Controls

Tax on Free Goods

As companies work to expand their revenue base, they take advantage of free promotional items. A tax requirement exists in certain localities that requires the selling company to pay use tax on the free items sent to customers. Currently, free promotional items have zero taxes calculated because their extended amount is zero. In Release 9.1, we plan to include functionality for calculating tax of free goods by enabling users to specify whether taxes be calculated by the seller on free items on customer invoices. If users select this option, PeopleSoft Billing will pass the tax basis amount to a third party tax application that will save the calculated tax amount. For invoices that are generated in PeopleSoft Order Management or Inventory, Billing will receive the cost of the item and use that value to calculate the use tax amount.

VAT Reverse Charge

To address Missing Trader Intra-Community (MTIC) Fund Fraud, HM Revenue and Customs (HMRC) in the United Kingdom is introducing the ***VAT Reverse Charge*** procedure on specified categories of goods being traded between businesses. Under this procedure, the purchaser of the goods, rather than the seller, will be liable to account for the VAT on the sale. The supplier will not charge VAT but will have to specify on the sales invoice that the reverse charge applies and state the amount of VAT that would have been accounted for. If the purchaser has correctly accounted for the VAT under the reverse charge procedure, she will retain the right to input tax recovery, subject to the normal VAT rules. In Release 9.1, we plan to introduce a ***VAT Reverse Charge*** check box that will enable the system to recognize those transactions to which the new rules apply. VAT reverse charge is also called customer VAT. Billing invoices will not include the customer VAT on the invoice amount due, but will indicate the amount that the customer must account for. Self-service pages will likewise indicate the customer VAT amount separate from the invoice amount due.

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Delayed Billing

The Cash Management Improvement Act requires agencies doing business with the Federal Government to prevent billing for a reimbursable cost until the cost is actually paid by the state and has cleared by the bank or payroll deposited. In Release 9.1, we plan to allow agencies and other customers that have similar requirements to delay billing until paid by specifying hold days on customer bill-to options and holding them until the date on the billing header components. Once the current date is equal to or later than the hold until date, the bill status can be changed to Ready making the bill available to be finalized.

eBill Payment 9.1

PeopleSoft Enterprise eBill Payment gives your customers the convenience of paying their bills online—24 hours a day, seven days a week. Delivering electronic bills through the internet with eBill Payment provides a truly paperless experience and improves customer service. PeopleSoft eBill Payment will enable you to strengthen your customer relationships while reducing processing costs and improving the health of your collections by reducing DSO.

Streamlined Financial Processes

Organizations need to reduce the time and money spent in managing their customer invoices. Enhanced self-service capabilities for bill presentment will significantly reduce the number of handshakes required for a biller to get payments from his customers. For Release 9.1, we plan to provide various ***usability and functional*** enhancements for bill presentment and self service capabilities. Users will be able to make changes to credit card and address data, as well as render a precise copy of the invoice they received while online in the eBill Payment module.

Integrated Performance Management

PeopleSoft Enterprise eBill Payment customers need robust capabilities with ***payment options*** that will enable them to further automate their quote-to-cash process and reduce the time and effort needed to get payments for outstanding customer invoices. In Release 9.1, we plan to introduce capabilities for eBill Payment self-service users to partially pay items with direct debit, apply debits and credits for a direct debit payment schedule future payments, save Payment Cart for future, and render a statement image.

Receivables 9.1

Accounts Receivables is often the largest asset on a company's balance sheet and is critical to its financial health. While extending credit to your customers helps boost sales, it also increases your cost of working capital and financial risk, especially in challenging economic times. PeopleSoft Receivables enables you to streamline your accounts receivable processes to accelerate collections, reduce credit risk, resolve exceptions quickly, and ultimately decrease your cost of working capital.

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Integrated Performance Management

Credit and Collections Workbench

Customers face several challenges in managing their credit and collections process that include high administrative costs and quick access to relevant data. PeopleSoft Receivables users need tools that can help them manage their workload and perform their collection management job efficiently and effectively. For Release 9.1, we plan to provide a Credit and Collections Workbench that will be a central point for PeopleSoft Receivables users to review action items, to analyze customer information, and to perform appropriate actions. By incorporating the existing receivables data into a central workbench, customers will be able to leverage receivables functionality to increase the efficiency of their collections. Using risk-based scoring on collection for customers and items will enable the users to work the highest priority or risk items first to maximize their results.

New Functionality

The PeopleSoft Receivables Collections Workbench will be a central workspace that presents a complete view of each customer. Collectors will be able to perform their day-to day activities, including accessing and completing action items directly from the Collections Workbench. Prior to contacting a customer or completing an action, the collector will be able to use the Collection Workbench to review a customer's history, such as the average days it takes a customer to pay, the number of days any sales are outstanding (DSO), any past due balances, and any previous broken promises. With this information at hand, the collector will be able to contact the customer and hopefully work out a plan for payment and indicate on the Collections Workbench that the customer will pay by direct debit, credit card, or a check.

If the customer does not make a commitment to pay, the collector will be able to use the Collections Workbench to place the customer on credit hold and add an action to follow up in a specified number of days. If the customer agrees to pay within a certain number of days and does not pay, the collector will be able to use the Collections Workbench to send a dunning letter. The collector will be able to continue to follow-up with this customer, and, after reviewing several broken promises, will be able to use the Collections Workbench to mark the customer in collections and refer the customer to a collection agency. The Collections Workbench will provide the collector with all of the information and metrics needed to diligently track and manage customer data from the days the customer receives a statement until it is paid or referred to a collection agency.

A collections manager will be able to use the Collections Workbench to complete day-to-day management activities, which may include reviewing the current payment promises, reviewing any outstanding broken promises, the reassigning action items to different members of his or her team, or completing his or her own assigned action items.

Specifically, the Collections Workbench will enable an authorized user to:

- Easily access and populate the workbench data.
- Navigate to and from multiple pages and levels of data.

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- Personalize the workbench.
- Access an enhanced owner action list and view action lists across customers.
- Access specific levels of customer detail.
- Display the credit profile information of a customer.
- Display and work the item list associated with a customer.
- Display the payment status and payment history of a customer.
- Review customer promises.
- Review, add, and update conversations with a customer.
- Review the correspondence history of a customer.
- Review customer aging and open credit information.
- Calculate a credit risk score for a customer.
- Review and update items.
- Pay selected Items by credit card, or by direct debit.
- Select credit and debit items and create a maintenance worksheet.
- Create Dunning Letters, or Open Item reports.
- Reprint Invoices.

Streamlined Financial Processes

Multi Level Hierarchy for Customers

Collections activities are often ineffective due to lack of visibility to the whole customer relationship; collectors see only the one subsidiary or division rather than the many entities that can be involved in the overall relationship. PeopleSoft Receivables users need the ability to view multi-tiered customer relationships in a hierarchy and leverage this data to manage their credit and collections processes. With Release 9.1, we plan to provide a graphic representation to show the multi level hierarchy for customers as defined in the customer records. This hierarchy will be displayed as the single source of truth for customer relationships. To further leverage this graphical tool, the graphical representation will be context-sensitive and reusable for the collections workbench and customer general information entry. The graphical hierarchy will enable the user to view a customer relationship and drill down to collection activities for a specific customer.

New Functionality

PeopleSoft will deliver the Hierarchy Display Options on the Installation Options, Install, Customer page as system data with some basic setup. This page will enable you to indicate the number of customers to include in the hierarchy, whether you want the default hierarchy that appears in the Customer Hierarchy to be Corporate, Remit From, or Correspondence. You will also be able to indicate whether you want to show the SetID on the hierarchy and Customer Counts or number of customers associated with each level of the hierarchy.

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When you add or update a customer (Customer, General Information), you will be able to create a multiple level customer hierarchy from the Customer's General Info page without using PeopleTools Tree Manager.

You will be able to indicate that a customer is a parent customer for the selected customer roles of Correspondence Customer, Remit From Customer, and Corporate Customer. However when you create a new customer, the Corporate Customer check box is selected by default.

You will have the option to select one, two, or all three of these customer roles as parents. Once a parent customer is created, you will be able to easily create the hierarchy by entering the parent customer of the child customer you are maintaining. When you select the link next to one of the customer roles, the Customer Hierarchy page will display the multiple levels that you selected to comprise the hierarchy.

Note: With Release 9.1, the previous limit of a 2-level customer hierarchy where one parent can have one or multiple children will be changed. In Release 9.1, there will be no limit to the number of hierarchies allowed for corporate, correspondence, or remit-from customers.

You will be able to access the Customer Hierarchy in three locations and view the data in different ways depending on the component:

- Customers, Customer Information, General Information, General Info page.
  This page will only display the hierarchy and no values.
- Accounts Receivables, Customer Accounts, Customer Information, Customer Hierarchy, Customer Hierarchy page.
  This page will display the different hierarchies, as well as the Customer Balance and Item Balance, Past Due, and Credit Limit with currency and balances based on the selected business unit defaults.
  Accounts Receivable, Customer Accounts, Collections Workbench, select the Customer Hierarchy tab.
  This page will display the different hierarchies, as well as the Item Balance, Past Due, and Credit Limit amounts, in the default currency of the selected business unit for the customer.

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Enhanced Payment Worksheet

Customers need efficiency in managing payments to support their collections process. Payment disputes are normally handled at the time an unapplied payment is applied towards an open item. Planned Release 9.1 enhancements to the Payment Worksheet will enable the AR Specialist to add the reason code, disputed amount and date and apply them to a disputed item. A new copy function will allow an item to be copied independent of whether the item has been selected on the payment worksheet. This will enable the AR specialist to create deductions and other adjustments to lines that have already been selected for payment. In addition, usability enhancements to the Payment Worksheet will enable users to select and deselect all rows and a range of rows for applying discounts, and a new option to show duplicate rows and changes that enable the display of more information.

New Functionality

Capability to Add, Update, and Delete Dispute Information on the Payment Worksheet

PeopleSoft Receivables 9.1 will enable you to add, update, and delete dispute information on the payment worksheet. For users to use this functionality, you will have to define component level security in PeopleSoft Security for the View/Update Item Maintenance component. A user with access to the Item Maintenance page will be able to update dispute fields in the payment worksheet. These fields are display only for users without access to this page.

You will set up and update the dispute check box, dispute reason code, dispute amount and dispute date in the Customer Relations group box on the View/Update Item Details - Detail 1 page for a selected customer.

These dispute values will appear as default values in the Item List group box, Detail 5 tab on the Payment Worksheet Applications page. You will be able to add, update, or delete the dispute reason, dispute amount, and dispute date on the Detail 5 tab of the payment worksheet. You will be able to search for predefined dispute reason values.

When you apply a partial payment to an item based on a dispute in the payment worksheet, as long as every item row appears once, you will be able to enter dispute information for each item.

PeopleSoft Receivables 9.1 will also add auditing capabilities to the payment worksheet. You will be able to perform audits on multiple rows of items selected while building a worksheet, as well as to new items added to the worksheet after it is built. When you make changes to a Dispute Reason on the payment worksheet, the system will track these changes in the Audit History record. You will be able to view a history of any changes on the Item Audit History page.

New Copy Functionality for the Payment Worksheet

You will be able to click the Copy button on the Worksheet Application Detail View page and copy unselected or selected items on the payment worksheet. You will also able to create deductions and other adjustments to lines that are already selected for payment.

Payment Predictor – Partial #DETAIL Algorithms

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Currently, when the Payment Predictor process (ARPREDCT) runs, the PeopleSoft Receivables #DETAIL algorithm processes every item that is matched with payment lines. If a payment has 10 item detail references and 9 of them match exactly and one remains unmatched, the 9 matched item detail references are processed, while the unmatched item detail reference is not processed and remains untouched. In this case, an overpayment is usually created and the detail reference is lost.

When the payments and their item references are loaded from an external system, the system usually does not verify that the items exist. These unmatched items may be off by a letter or two, which prevents the payments from being applied.

PeopleSoft Receivables 9.1 will provide two new algorithms, #DTL_PM (partial match) and #DTL_TPM (tolerance partial match) that will identify items to be matched with a payment using the detail reference information in the first pass, just like the #DETAIL algorithm. The identified customer will not matter. If, after this initial pass, there is still an underpayment item still needs to be created because the entire payment was not applied, and there are items referenced in the payment that did not get matched by the #DETAIL algorithm method, then there will be a second payment predictor pass to try to match more items. For the second pass, the payment amount considered will be the remaining payment amount from the first pass, and the items that were not matched in the first pass will be searched with a Like construct. Again, the identified customer will not matter. The algorithm will only use the item as a reference. All of the items that match in the second pass will be added to the ones found in the first pass. From that point on, these items will be treated as if they were all found in a single pass.

Applying the #DTL_PM Algorithm in Payment Predictor

When Payment Predictor runs the #DTL_PM (partial match) algorithm:

- It will select open items that match, exactly or not, the item detail reference supplied with a payment. The customer reference will not be used.
- In the first pass, it will select all open items identified exactly by matched references, as well as WS-08 deduction references.
- In the second pass, when an overpayment is about to be created, and there are unmatched items referenced in the payment, the algorithm will match these open items applying these rules:
  - FIRST8 : All open items identified by the first eight characters of the reference will be selected.
  - MIDDLE7 : All open items identified by the seven characters after the first four characters in the reference will be selected.

Payments that will be handled by this algorithm method should balance. However, if they do not balance, the #DTL_PM method will create an Adjust Remaining Underpayment item (WS-07) for underpayments or an Adjust Remaining Overpayment item (WS-06) for overpayments.

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Applying the #DTL_TPM Algorithm in Payment Predictor

The #DTL_TPM algorithm will work the same way as the #DTL_PM during the first and second passes through Payment Predictor. However, if an underpayment exists, #DTL_PM will check the tolerances and rules set up on the Predictor Detail Options page. If an underpayment exceeds the tolerances, the system will check whether the Bill To customer allows partial payments. If partial payments are allowed, the system will create a partial payment of the item.

Tracking Customer Promises

Collectors and receivable managers are challenged with keeping track of outstanding customer payments and automating the follow up on unfulfilled promises. Streamlining this business process will enable users to identify risk for future promises and also indicate that pre-emptive follow up would be required for any new promises. In Release 9.1, we will enable the user the ability to track promises to pay an item or multiple items by customer. Unfulfilled promises will become new action items for further follow up. Users will be able to track the number of unfulfilled promises over time and compared them with the total number of promises. Users will be able to configure a tolerance level for a promise, so that a promise will be considered met based on the actual amount paid, the number of items paid, or the actual date paid.

New Functionality

PeopleSoft Receivables 9.1 will enhance conversations to enable the collections analyst to enter a customer's promise of payment and to track and manage that promise within the Conversations component.

PeopleSoft Receivables will modify the Condition Monitor program to automatically process promised payments. A new condition of 'CPDR' – Customer Promise Date Review will be added to the Condition Monitor program to select and process promised payment conversations that required a review and to create action list items.

PeopleSoft Receivables will also modify the Condition Monitor program to automatically process promised payments that have broken promises. The Customer Promise Date Broken program will close promise date conversations that have a status of Broken, no promise date action, and do not have a review scheduled after the promise date. This program will also close promise date conversations where a user selected the Done check box on the Conversations page, which will indicate that the broken promise was reviewed and did not select a review date after the promise date. The existing condition monitor process 'CFLU' – Conversations Follow Up will also be modified to not select promise date conversations.

When a collections analyst creates a new conversation on the Conversations page and selects the Promise of Payment check box, the conversation will be considered a promise date conversation and the promise status will be set to Open. Once a conversation is marked as a promise of payment conversation, the collections analyst must enter a promise date and the amount that the customer promised to pay in order to save the conversation.

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As part of the promise to pay, you will be able to indicate the number of days past the promise to pay date that you are willing to wait to take further action, and what percentage of the promised payment amount you will accept. You will be able to select a Broken Promise Action, which will be predefined as a customer action in PeopleSoft Receivables. You will be able to predefine these fields and indicate whether the selected user performing the review of the broken promise can override these fields on the Promise Date Options page, The values that you select will appear as default values in the fields on the Conversations page.

Depending on the promise made by the customer and a review of this promise, the system will assign a Promise Status of:

- Open
- Kept
- Broken
- Cancelled
- None

The Promise Status will be typically set and updated by the Condition Monitor processing. When a promise date conversation is created, the promise status will be set to open. Condition Monitor will update the status to either Kept or Broken.

Promise date conversations will be closed manually by the user or automatically by the Condition Monitor program. A user will be able to exclude a promise from being included in the metrics, mark a promise as fulfilled, or override an unfulfilled promise as fulfilled.

You will be able to change the promise status and change the reason code multiple times, but you will not be able to override the status unless the Override Promise Status check box is selected for the user. Selecting this check box will indicate that the promise status has been overridden by a user and has not automatically been changed.

A broken promise action will be based on a valid action, which you will set up in the system. The user id for a broken promise action will be the user who receives an action item based on the broken promise action. If the user ID assigned to the broken promise action reviews the broken promise and selects the Done check box, the promise status will change to broken and the conversation will be closed.

If a payment is received, the system will be able to set the action items for review or a broken promise as completed and the action will no longer appear on the user's action list.

Metrics will be reported for each customer based on a promise to pay status of Kept, Broken, and Open.

Promise Review

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You will be able to select a review date, the review action required, which is usually an action performed prior to the promise date, and the user ID of the individual who you want to perform a review to ensure that the promise action will be performed appropriately. The reviewer will perform the review action and will be able to, if necessary, indicate that a supervisor will need to review the promise. The reviewer will also be able to indicate any follow-up action required and indicate the date this action was completed. The promise date will not affect this date, because the conversation may need reviewing after the promise date.

Conversations Tab on the Collections Workbench

You will select the Conversations tab on the Collections Workbench to display details of selected conversations. You will be able to click links to:

- Filter conservations.
- Add conversations.
- Update contacts.
- Access the Promises Inquiry.

Direct Debits Prenotes

Companies incur charges due to incorrect account information in a direct debit payment. They need to reduce these charges and improve days sales outstanding. The ability to prenote the direct debit payment method in Receivables will allow confirming the account information prior to making an actual payment and reduce the administrative costs associated with resolving direct debit account errors and associated bank charges.

For Release 9.1, we plan to provide the option to Prenote direct debits which will enable users to confirm the account information prior to making a payment. The customer will be able to generate a zero dollar prenote payment for the direct debit payment method and process it through Financial Gateway, single payment platform for PeopleSoft that is part of the Cash Management solution. Giving the ability to set the wait time period enables users set a realistic wait period for each customer.

New Functionality

A direct debit prenote is a zero dollar electronic payment that will be sent to the customer's bank to confirm the accuracy of customer's bank information. Prenotes will help to eliminate additional processing or handling fees due to the transmission of incorrect customer account information to the customer's bank, and will reduce any delays in receivables collections. After setting up various components to enable prenote processing, the Create Direct Debit Application Engine (AR_DIRDEBIT) process will create the prenote transactions. These prenotes will be sent to the creditors bank, which will send them to the customers' banks. After receiving confirmation of the prenote information from the bank, any associated direct debit transactions will be processed.

If the bank sends a positive confirmation, the system will update the prenote status to Confirmed and the related Direct Debits will be processed the next time that the Create Direct Debits process runs. If the bank does not send a confirmation, after a specified number of days the pending prenote will be automatically set to confirmed.

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Normally the bank will only send a response if the prenote is incorrect.

Various components enable the use of direct debit prenotes. You will be able to activate direct debit prenotes in these components:

- Direct Debit Profile.
- Customer Information.
- External Accounts.
- eBill Payment, My Preferences.
- Bank Integration Layout.

Direct Debit Prenote Reason Codes

PeopleSoft will create a new reason type for prenotes as system data, which will enable users to define the error messages. Reason codes will help the user to better describe the reason for a prenote status change. You select reason codes on the Bill To Options page.

Processing Direct Debits with Prenotes

After setting up for direct debit processing and indicating that prenotes are required, you will be able to run the Create Direct Debit process (AR_DIRDEBIT) to create prenotes, which will be sent to your Bank by generating an EFT file using one of these methods:

1. Generate an EFT file in PeopleSoft Receivables and send the prenote to your bank manually, or use a third-party integration.
2. Send the prenote to the bank automatically using PeopleSoft Financial Gateway.

Your bank will send these prenotes to the customer's bank and may inform you of the Customer's banks confirmation of the prenote.

IMPORTANT! The Create Direct Debit process will not pick up the associated direct debit transactions when a prenote is required and not confirmed. The required prenotes must be sent to the bank and confirmed before the direct debit transactions associated with the prenotes can be processed.

After the prenotes are confirmed, the Create Direct Debit Application Engine process will create the direct debit transactions associated with the confirmed prenotes, and will assign one of these statuses to each direct debit:

- Accepted
- Remitted
- Pending

You will be able to run the Receivable Update process (ARUPDATE) to post the direct debit groups, update the item and customer balances, update item activity, and generate accounting entries.

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NOTE: ARUPDATE only processes the direct debit transactions and does not process prenotes, because prenotes are not associated with any accounting entries.

You will be able to remit the direct debit to the bank by running either the Create EFT through the Financial Gateway System Application Engine process (AR_FG_PROC) or the Format EFT Files SQR process (FIN2025).

NOTE: When the prenote status is changed either manually by the user or by the Create Direct Debit process, the prenote history is updated.

Prenote Reporting and Customer Updates

After prenotes are processed, an exception report will provide a list of direct debit prenotes that failed due to incorrect bank details based on your receipt of an error notification from your bank. You will be able to cancel the prenote depending on the status.

The customer record will contain information that indicates whether a direct debit prenote was sent and the status of the prenote. The customer will be able to view the status of the direct debit by clicking the View Prenote History link on the eBill Payment – My Preferences page and the Bill To Options page.

Global Compliance and Controls

VAT for AR-Prepaid Account Entries

Customers in France have requested changes in how VAT is accounted for on an advance payment for a sales transaction. Currently, because the AR-Prepaid account records the prepayment without tax, the customer balance accounts (AR & AR-Prepaid) are understated. Customers in France are doing a manual adjustment in GL to regularize the VAT in customer accounts. In Release 9.1, we plan to provide functionality to fulfill these requirements by including the VAT amount in the accounting entry in the AR-Prepaid account. To balance the transaction, a new accounting entry will be made in a VAT to Adjust account. Also, when the prepayment is applied against an invoice, or written-off, the amounts in the AR-Prepaid and VAT to Adjust accounts will be reversed accordingly.

New Functionality

PeopleSoft Receivables 9.1 will add this functionality to accommodate the needs and requirements of customers in France. However, this PeopleSoft Receivables 9.1 functionality will also accommodate the needs of customers who want to calculate prepayments without VAT. The accounting examples included in this section will demonstrate both of these capabilities.

Before you will be able to enter a prepayment to a customer's account in PeopleSoft Receivables with VAT amount included in the accounting entry to the AR Prepaid account, you must:

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- Select the VAT Adjustment on Advance Pymt check box on the Accounting Options 2 page for a PeopleSoft Receivables business unit.
- Set up a new Output with Advancement VAT account for the appropriate French VAT code. (Set Up Financials/Supply Chain / Common Definitions / VAT and Intrastat / Valued Added Tax / VAT code)

Payment Worksheet Accounting Entries

These examples will be the expected accounting entries when matching a prepayment and an open invoice in a Payment Worksheet using:

- PeopleSoft Receivables 9.0 advance payment (prepayment) and VAT functionality
- PeopleSoft Receivables 9.1 advance payment (prepayment) and VAT functionality with the VAT Adjustment on Advance Pymt check box selected in the business unit.
- PeopleSoft Receivables 9.1 advance payment (prepayment) and VAT functionality with the VAT Adjustment on Advance Pymt check box NOT selected in the business unit.

This new 9.1 functionality for advance payment (prepayment) and VAT will work the same way throughout the prepayment entry and processing steps, which include:

- Entering the prepayment (advance payment) on the payment worksheet.
- Applying the prepayment on the maintenance worksheet
- Transferring the prepaid (advance payment) items.
- Unposting transactions involving prepaid (advance payment) items.

In these examples, for simplicity, the prepayment has the same amount as the amount of the invoice. Typically, these amounts would be different, but the functionality is the same.

1. Invoice has Declaration Point = Delivery/Invoice

IMPORTANT: The prepayment has the same accounting no matter what is selected for the Declaration Point

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CURRENT FUNCTIONALITY

Prepayment Declaration Point: **(Delivery/Invoice) or (Payment)**
Invoice Declaration Point **Delivery/Invoice**

	Cash Control		Adv Payment Receipt		AR		User		VO		VOI	
	Deb	Cred	Deb	Cred	Deb	Cred	Deb	Cred	Deb	Cred	Deb	Cred
Prepayment Receipt	1196			1000						196		
Invoice					1196			1000		196		
Prepayment Applied		1196	1000						196			
Invoice Applied	1196					1196						
Saldo Final	**1196**	**0**	**0**	**0**	**0**	**0**	**0**	**1000**	**0**	**196**	**0**	**0**

Example 1a: Release 9.0 Functionality

PROPOSED NEW FUNCTIONALITY - With Adjustment flag = Y

Prepayment Declaration Point: **(Delivery/Invoice) or (Payment)**
Invoice Declaration Point **Delivery/Invoice**

	Cash Control		Adv Payment		AR		User		VO		VOI		VAT to Adjust	
	Deb	Cred	Deb	Cred	Deb	Cred	Deb	Cred	Deb	Cred	Deb	Cred	Deb	Cred
Prepayment Receipt	1196			**1196**						196			196	
Invoice					1196			1000		196				
Prepayment Applied		1196	**1196**						196					196
Invoice Applied	1196					1196								
Saldo Final	**1196**	**0**	**0**	**0**	**0**	**0**	**0**	**1000**	**0**	**196**	**0**	**0**	**0**	**0**

Example1b: Release 9.1 Functionality - VAT Adjustment on Advance Pymt = Y

PROPOSED NEW FUNCTIONALITY - With Adjustment flag = N

Prepayment Declaration Point: **(Delivery/Invoice) or (Payment)**
Invoice Declaration Point **Delivery/Invoice**

	Cash Control		Adv Payment		AR		User		VO		VOI		VAT to Adjust	
	Deb	Cred	Deb	Cred	Deb	Cred	Deb	Cred	Deb	Cred	Deb	Cred	Deb	Cred
Prepayment Receipt	1196			1000						196				
Invoice					1196			1000		196				
Prepayment Applied		1196	1000						196					
Invoice Applied	1196					1196								
Saldo Final	**1196**	**0**	**0**	**0**	**0**	**0**	**0**	**1000**	**0**	**196**	**0**	**0**	**0**	**0**

Example 1c: Payment Worksheet - Release 9.1 Functionality - VAT Adjustment on Advance Pymt = N

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2. Invoice has Declaration Point = Payment
   IMPORTANT: The Prepayment has the same accounting no matter its Declaration Point

CURRENT FUNCTIONALITY

Prepayment Declaration Point:	**(Delivery/Invoice) or (Payment)**
Invoice Declaration Point	**Payment**

	Cash Control		Adv Payment Receipt		AR		User		VO		VOI	
	Deb	Cred	Deb	Cred	Deb	Cred	Deb	Cred	Deb	Cred	Deb	Cred
Prepayment Receipt	1196			1000						196		
Invoice					1196			1000				196
Prepayment Applied		1196	1000						196			
Invoice Applied	1196					1196				196	196	
Saldo Final	**1196**	**0**	**0**	**0**	**0**	**0**	**0**	**1000**	**0**	**196**	**0**	**0**

Example 2a: Payment Worksheet - Release 9.0 Functionality

PROPOSED NEW FUNCTIONALITY - With Adjustment flag = Y

Prepayment Declaration Point:	**(Delivery/Invoice) or (Payment)**
Invoice Declaration Point	**Payment**

	Cash Control		Adv Payment		AR		User		VO		VOI		VAT to Adjust	
	Deb	Cred	Deb	Cred	Deb	Cred	Deb	Cred	Deb	Cred	Deb	Cred	Deb	Cred
Prepayment Receipt	1196			**1196**						196			196	
Invoice					1196			1000				196		
Prepayment Applied		1196	**1196**						196					196
Invoice Applied	1196					1196				196	196			
Saldo Final	**1196**	**0**	**0**	**0**	**0**	**0**	**0**	**1000**	**0**	**196**	**0**	**0**	**0**	**0**

Example 2b: Payment Worksheet - Release 9.1 Functionality VAT Adjustment on Advance Pymt = Y

PROPOSED NEW FUNCTIONALITY - With Adjustment flag = N

Prepayment Declaration Point:	**(Delivery/Invoice) or (Payment)**
Invoice Declaration Point	**Payment**

	Cash Control		Adv Payment		AR		User		VO		VOI		VAT to Adjust	
	Deb	Cred	Deb	Cred	Deb	Cred	Deb	Cred	Deb	Cred	Deb	Cred	Deb	Cred
Prepayment Receipt	1196			1000						196				
Invoice					1196			1000				196		
Prepayment Applied		1196	1000						196					
Invoice Applied	1196					1196				196	196			
Saldo Final	**1196**	**0**	**0**	**0**	**0**	**0**	**0**	**1000**	**0**	**196**	**0**	**0**	**0**	**0**

Example 2c: Payment Worksheet - Release 9.1 Functionality VAT Adjustment on Advance Pymt = N

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Approval Workflow for Receivable Amount Write-Off

In today's economic conditions organizations must manage the health of the balance sheet by enforcing tighter controls of receivable write-off item amounts and ensure that users with the correct authority approve any write-off transactions. Without a valid approval chain for write-offs, organizations stand to loose money on valid receivables resulting in lower collections. For Receivable 9.1, we plan to adopt the Approval Framework for the approval of write-offs and will deliver new sample rules in addition to existing workflows. This will provide customers with a frame of reference as well as showcase the power of the tool and its enhanced capabilities. This feature will be enabled on the Payment, Credit Card, Maintenance, and Draft Worksheets.

New Functionality

PeopleSoft Receivables will incorporate the PeopleSoft Enterprise Components Approval Framework to approve or deny writeoffs on the Payment Worksheet, Credit Card Worksheet, Maintenance Worksheet, and Draft Worksheet.

You must select the Enable Write-off Workflow check box on the Receivables Options – Payment Options page. After the writeoff workflow approval is enabled, when you select one or more items to write off on the worksheet and save the worksheet, you will be able to click the Worksheet Action link to submit the writeoffs for approval.

When the Approval Framework is enabled, you will use PeopleSoft Receivables writeoff approval to perform a number of approval tasks.

- Submit the write-off for approval.
- Approve or deny a writeoff.
- Push back a purchase order or purchase order line.
- Add or remove ad hoc approvers or reviewers.
- Making comments to be viewed by other approvers or reviewers.
- Approving a writeoff that has been changed.

Additional tasks such as enabling self-approval, approval by email, or the selection of alternate approvers to substitute in case of the designated approver's absence or unavailability will be able to be established in PeopleSoft Enterprise Components Approval Framework.

The validations on workflow amounts that are currently in place will not be affected by this feature. In other words, if the write-off amounts on the worksheet are below the maximum write-off amounts defined at the customer and organizational levels, but above the thresholds defined at the Approval Framework level, then there will be a workflow notification generated. However, if the write-off amounts are above the maximum write-off amounts defined at the customer and organizational levels, then an error message will appear and the worksheet will not be saved until the amount is changed or the write-off item removed.

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When the Approval Framework is enabled, the worksheet will have to be approved before you can post it. Only a user who has been set up as an approver will be able to approve the worksheet. However, the designated approver or the user who submitted the worksheet for approval will be able to post the worksheet after it has been approved.

Approval will be based only on writeoff amounts. A business unit or customer will not be used as criteria for approvals. This means that workflow approval will be required and will be able to be set to post if the total write-off amount for a worksheet is greater than zero, in spite of whether the write-off applies to any customers and business units.

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Industry Specific Solutions

Oracle is committed to meeting our customers' unique industry needs. PeopleSoft Enterprise 9.1 continues to demonstrate this commitment by delivering deep industry functionality for key industries.

Public Sector

State and local governments as well as educational institutions need to distribute costs associated with a particular project to several funding sources such as federal, state and local funds for billing purposes. A common example is a large-scale state government-managed highway construction project in which U.S. Federal Department of Transportation (Federal Highway Administration) grant funds that are committed to cover a portion of every dollar spent on the project and state operating funds are expected to make up the difference. The distribution of these cost transactions can be subject to complex rules in which costs are distributed to the funding sources based on percentages and priorities. To date, state and local governments have been challenged to handle this complex scenario. With PeopleSoft Project Costing, Contracts, and Billing 9.1, Oracle continues to demonstrate its commitment to the Public Sector by providing ***Multiple Funding Support*** for projects that require the distribution of costs across several funding sources based on complex contract terms.

U.S. Federal Government

With PeopleSoft FSCM 9.1, we plan to enhance the Intra-governmental Payment and Collection (IPAC) functionality to further support Government Wide Accounting (GWA) Reporter requirements. We plan to provide new componentized Treasury Account Symbol setup with defined Business Event Type codes and be able to prompt on these values when entering IPAC transactions into PeopleSoft Enterprise Payables and Receivables. In addition, we plan to improve the usability of the IPAC entry pages by streamlining data entry.

In release 9.1, we also plan to develop a new Federal Registry inbound interface to PeopleSoft that will upload Business Partner Network (BPN) data. The BPN is the government's central repository of Federal entities trading partner information. The interfaced BPN data can be utilized to create vendors as well as customers for those Federal entities you engage as trading partners. In addition, the inbound interface will update vendor and customer data with their current information as it changes.

The Central Contractor Registration file specifications will also be updated from a fixed length file to variable. The CCR functionality will be enhanced to support the new variable file format in Release 9.1.

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Government Contracting

When billing the U.S. Government, contractors are required to adhere to the Federal Acquisition Requisitions (FAR) and use the SF-1034 and accompanying invoice detail (SF-1035) invoice forms. PeopleSoft Enterprise Contracts, Project Costing, and Billing plan to offer more summarization and cost categorization options as well as enhance the ability of the software to track costs in excess of billing to fully support the generation of ***invoices (SF-1034) and accompanying invoice detail (SF-1035)*** to comply with the Federal Standard invoice formats. This enhancement lowers the cost of ownership and system complexity for organizations performing government contracts with the U.S. Government.

Higher Education (Grants)

Please refer to the Grants 9.1 section below for more information about solutions tailored for higher education institutions.

Information Technology (Internal IT)

IT organizations have been asked to implement technology to automate and streamline the operations of business units. Today, the spotlight has shifted from the factory floor and call center to focus on the IT organization itself. It's no longer enough to deliver functionality quickly. Now you must develop investment strategies, collaborate with business owners, adjust to changes in priorities, and provide real-time status.

To be successful—to transform the IT organization from a cost center to a value center—you must accomplish three objectives: align IT to the company's overall business objectives, manage project spend, and increase the use of your resources.

The PeopleSoft ESA for IT comprehensive suite of products combines control of your projects with performance analytics and reports that are delivered to business and project leaders. With our performance management technology and integrated architecture, customers appreciate the ease of implementation and the access to real-time information—which maximize the value of IT.

From an IT asset perspective, PeopleSoft Enterprise applications help you to monitor what's really happening in the enterprise. In most organizations, IT assets are as critical as production equipment is in a manufacturing company. Mismanaged IT assets can lead to embarrassing security breaches, costly litigation, service degradation, and economic loss. As part of a complete IT asset management strategy, PeopleSoft Enterprise applications can help prevent these types of business disruptions.

Please refer to the Enterprise Service Automation and Asset Lifecycle Management sections above for more information on solutions tailored for IT management.

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Staffing

Please refer to the Staffing Front Office 9.1 section below for more information on solutions tailored for professional services and resource staffing organizations.

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Industry Enhancements

PeopleSoft Financial Management Solutions and Enterprise Service Automation 9.1 provide specific enhancements for these industries:

- Grants
- Staffing Front Office
- Pay/Bill Management

Grants 9.1

PeopleSoft Enterprise Grants application focuses on providing comprehensive support for managing the entire grant lifecycle. The release of tremendous volumes of stimulus funding into the world economy by governments around the globe and the accompanying regulations for reporting on the use of these funds underscore the importance of a complete, integrated grant management suite. PeopleSoft Grants 9.1 continues to evolve and advance support of the grants life cycle with particular focus on supporting proposal generation, achieving regulatory compliance, driving fiscal accountability, and improving an organization's ability to analyze and monitor awards. The following enhancements are planned for 9.1:

- Institutions have identified that investigators, project managers, department administrators, and the other staff members that participate in grant-funded projects require more information to make informed decisions regarding sponsored project efforts. These individuals need a central place to access and manage all of the various facets of grants, especially their awards, grant projects, and resources associated with those projects. For Grants 9.1, we plan for the ***Grants Portal*** to provide information in a user friendly and simple layout. It is an intuitive interface and acts as a central launch point to navigate the PeopleSoft Grants solution. In addition to offering links to other key features in PeopleSoft Grants 9.1 and providing the capability to drilldown into the detail of transactions and documents, the Grants Portal plans to provide a host of budget, commitment, and actual financial statistics and balances by award, project, and resource; flexible saved search criteria that each user can personalize; and an entirely new self-service security layer to control access to the vital information provided by the Grants Portal. With this extensive new feature, the tools and essential information can be put into the hands of the staff that are closest to sponsored projects and have fiscal responsibility for valuable grant-funded initiatives.

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- In 2006, the National Institutes of Health (NIH) implemented a Federal-wide policy to formally allow more than one Principal Investigator (PI) on individual research awards. To accommodate this requirement, in PeopleSoft Grants 9.1 we plan to add the ability to designate ***multiple PIs on the Grants Proposal***, and this feature is available in previous releases of the software as well.
- Within PeopleSoft Enterprise Grants, functionality exists in the proposal and award to track organizations that receive a sub-award associated with the primary award. From a PeopleSoft Enterprise applications perspective, these subrecipients are represented as a sub-set of the vendors stored in the system, and a purchase order is typically issued to engage a subrecipient in research. In PeopleSoft Grants 9.1, we plan for the PO ID, PO reference, total amount of the Subrecipient's PO, and currency code appear on the proposal and award Resources tabbed pages if a Subrecipient PO is setup. Additionally, a ***link from Grant Subrecipient information to the procurement contract detail*** will be provided on the Resources tab. The link will provide the user access to the Review PO Information pages. From these pages, detailed subrecipient purchasing, voucher, and receipt information is available.

New Functionality

PeopleSoft Grants 9.1 will add the Grants Portal.

The Grants Portal is a central navigation page in PeopleSoft Enterprise Grants for award and project pages. The portal is a central launching point to navigate through the PeopleSoft Grants solution. It provides links to key grant management-related features and enables users to drill down to the details of transactions and documents.

The portal enables principal investigators (PIs) and project managers (PMs) to access information about sponsored project efforts. The portal provides PIs and PMs immediate insight into essential information regarding awards so that they can manage fiscal responsibilities and work more productively when interacting with the PeopleSoft Grants solution. The portal provides access to financial (budget, commitment, actual), compliance, resource, and schedule information that is related to proposals and awards.

The Grants Portal will have multi-level security to ensure that your sensitive data is safe.

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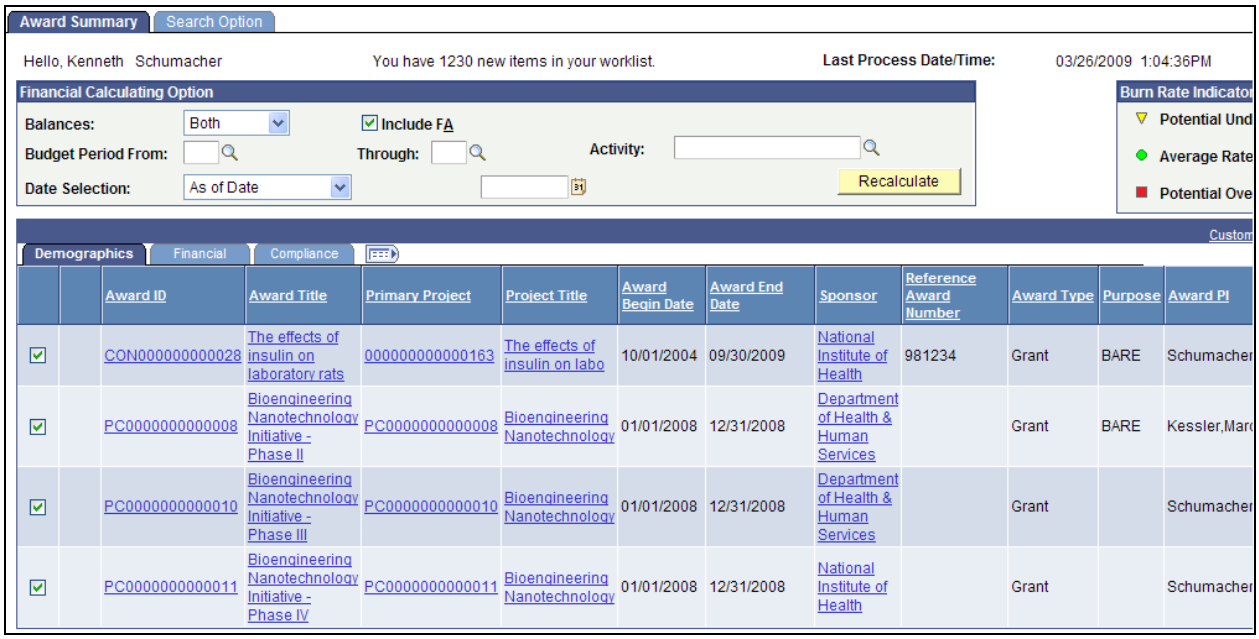
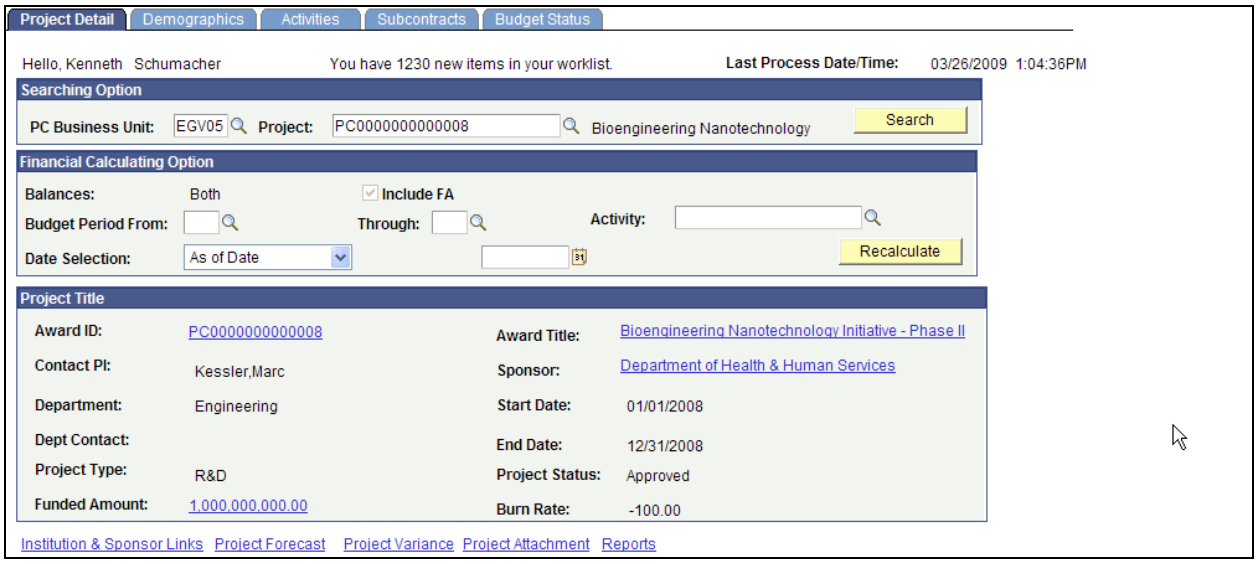


Grants Portal – Award Summary page



Grants Portal – Project Detail page

New Functionality

PeopleSoft Grants 9.1 will enable you to allow multiple principle investigators for proposals. You will be able to allow multiple PIs for a proposal if you indicate that the sponsor allows multiple PIs.

The multiple PI information will be carried from the proposal to the award during the Generate Award process. If the proposal contains multiple PIs, then the Award Profile – Award page will display the field label Contact PI instead of Award PI.

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New Functionality

PeopleSoft Grants 9.1 will add the Federal Financial Report (FFR). This report will replace four existing financial reports: SF 269, SF 269A, SF 272, and SF 272A.

The FFR will provide a standard format that is used by federal agencies. It will determine the data elements that recipients must complete to report on the cash management and financial status of single awards. Consistent with government-wide streamlining objectives, the FFR will use the standard reporting period end dates and due dates for the submission of cash management and financial information.

Staffing Front Office 9.1

You know how competitive the staffing industry is today. High-caliber talent is scarce, contractors want more flexibility, and clients increasingly demand single-source vendors able to staff global operations and deliver value-added services like contingency recruiting, retained search, outplacement, and contract project staffing. To succeed in this competitive environment, you need to continue delivering high-quality service and demonstrating value to your clients while reducing costs and maximizing profitability. This means changing the way you currently do business by reengineering cumbersome systems, automating business processes, and integrating front and back office activities.

PeopleSoft Enterprise Solution for Staffing helps users reach this new level of success, seamlessly managing their entire business—front to back. By combining industry best practices, automated processes, global functionality, and internet capability, PeopleSoft Enterprise Solution for Staffing enables you to drive efficiencies, leverage client relationships, and capitalize on worldwide growth opportunities. And that's key to profitability.

PeopleSoft Enterprise Staffing Front Office automates the time-consuming aspects of client, applicant, and order management so your employees can focus on filling more job orders and better serve clients. It also streamlines the pay-to-bill process, improving efficiency and reducing errors so that you can decrease DSO and increase cash flow. As a result, your employees are empowered to work more efficiently and effectively to grow the business.

PeopleSoft Enterprise Staffing Front Office was designed specifically for you—the staffing industry. It incorporates industry best practices developed in conjunction with staffing experts, and leverages PeopleSoft Enterprise strengths in managing human capital, customer relationships, and financial operations to deliver a solution that will empower you to grow your business and maximize profitability.

Success in the staffing industry depends on your ability to continually fill the pipeline with new clients and job orders, recruit the best talent, and effectively match the two. This is even more evident as contingent labor becomes a more substantial and permanent part of the workforce mix. Yet, manual paper-based processes and inadequate homegrown systems may be getting in the way of your true potential for success. In an industry that relies on speed to find top talent and fill job orders, manual processes and cumbersome legacy systems make it challenging to manage and grow your business profitably.

The enhancements for Staffing Front Office Release 9.1 are:

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- Before a candidate can be assigned to a Resource Request, a series of activities need to be completed as part of the onboarding process. The required steps often depend on the customer for which the user is trying to fill the order. These activities are typically negotiated ahead of time with each customer and must be completed before a candidate can be placed on the job and start charging time and expenses. Staffing coordinators and recruiters need to be able to view the status of all candidates being considered for an order at a quick glance and make updates as necessary without having to navigate elsewhere in the system. Our new ***Recruiting Funnel*** streamlines essential staffing functions by minimizing menu navigation and providing better visibility into orders. Quick access to well-organized data will allow your staff to respond to their customers quickly and accurately to provide quality customer service.
- In an industry with increasing demand for quick, accurate results, usability is a key factor in helping staff deliver on ever-higher expected levels of service. We have therefore made ***several enhancements to the user experience that will minimize confusion and the clicks required to perform a task,*** as well as provide an overall more efficient solution. In several areas we will open a new window rather than utilizing the current window. This will allow the user to view additional details while remaining within their current Staffing page. An example of this is when clicking on a candidate's name from the results of a PeopleMatch search. Instead of opening candidate details within the current PeopleMatch results window, a new window will open allowing the user to retain the current search results. After you access the candidate overview page, you will only see the view resume link if a resume exists, saving you time by helping you work more efficiently. Finally, when transferring between HCM and Staffing Front Office we plan to provide the user with a more efficient way to return to the originating application.
- Staffing companies supporting national accounts that typically establish contractual agreements identifying complex pay and bill rates need the ability to ***capture and report on master contract information*** at the customer level and then to appear by default in temporary orders at the time of entry. For example, in the Office Services and Light Industrial practices, one typically sees markup-driven contracts. In the IT and Professional Staffing business common rate structures are either bill rate or markup, with the predominance going to the bill rate by job title. In addition, when rates are established at the branch level, there may not be an established pricing sheet documenting the pay and bill rates at a given level in the organization. Populating this pricing sheet in the software provides enhanced continuity, and potential analytic capabilities. With high turnover rates and a host of processes, staffing companies are challenged to maintain the knowledge associated with these often manual processes. This planned 9.1 feature will help to minimize data entry errors up front in the process and reduce the time required to audit, identify and manage exceptions after the fact.

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New Features

The three new pages (Resource Request Summary, Event Summary and Candidate Summary) will be available when the user selects an existing order from the Add/Update Order search page. The first page the user will be redirected to will be the Resource Request page. From there, the user can navigate to the other pages or to the order header or order lines.

The new features include:

- Ability to define recruitment events.

  Event types define all the steps required to complete a recruitment process. They are typically unique to a customer and the type of job order request. Sometimes customers will define additional steps unique to contractual obligations, worksite location or department. Examples of event types include: background check (credit, criminal and employment), candidate interview, candidate presentment, offer, or withdrawal.

  We will also provide a way to identify the statuses of event types and process events.

- Ability to set up event lists.

  After all event types are configured users can combine them to create an event list that will identify the order in which each event type should be executed within the overall recruitment process.

- Ability for customers to choose an event list from the Job Order page.

  We will update the Customer Information component to allow users to configure a default event list, and to choose an event list from the Job Order page. We will add a checkbox on the new Event List page to indicate that users can choose an event list on the Job Prder page from a drop down list box.

- Ability to view candidates considered for an order and their status.

  We will provide a new summary page that contains some of this information at a glance and the ability to drill down to additional details if necessary. In addition, we will provide recruiters with the ability to make updates directly from this page rather than navigating to each underlying component.

- Ability to update event type statuses from the Candidate Overview page.

- Provide a 360' view to Candidate Overview Page.

  We will add a grid to the existing Candidate Overview Page that will display all job orders and lines where the candidate is in a considering status. We will provide information including the current event phase for the candidate for each job order or line in this grid.

- Ability to select candidates for consideration.

  Users will be able to select candidates from the results of their People Match search and identify them as being currently used by the user, or under consideration for the job order.

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Resource Request Summary | Order | Resource Request | Sales Tax | Billing | PeopleMatch | Attachments | History | Forms

Service Order ID 0000000102

Select	Line	Requested	Considering	Assigned	Needed	Job Title	Start Date	Address
☐	1	4	2	0	4	Additiona	07/14/2009	2355 Broadway
☐	2	3	2	0	3	Recruit-i	07/14/2009	2355 Broadway

Select All Apply Filter

Resource Request Summary page

Resource Request Summary | Event Summary | Order | Resource Request | Sales Tax | Billing | PeopleMatch | Attachments | History | Forms

Service Order ID 0000000102

Customize | Find | First 1-14 of 14 Last

Line	Select	Event Type		Completed	Pending	In Progress	Partially Complete
1	☐	AVAIL	Availability	2	0	0	0
1	☐	CALL	Call	2	0	0	0
1	☐	DOC	Documentation Check	0	0	1	0
1	☐	FIN	Financial Check	0	1	0	0
1	☐	GIW	Group Interview	2	0	0	0
1	☐	IW	interview	0	0	1	0
1	☐	LT	Language Test	0	0	1	0
1	☐	MED	Medical Check	0	1	0	1
2	☐	AVAIL	Availability	1	0	0	0
2	☐	DOC	Documentation Check	1	0	0	0
2	☐	FIN	Financial Check	0	0	1	0
2	☐	IW	interview	1	0	0	0
2	☐	LT	Language Test	0	1	0	0
2	☐	MED	Medical Check	0	0	0	1

Select All Apply Current Event Filter Apply Event Type Filter Candidate Summary (No Filter)

Event Summary page

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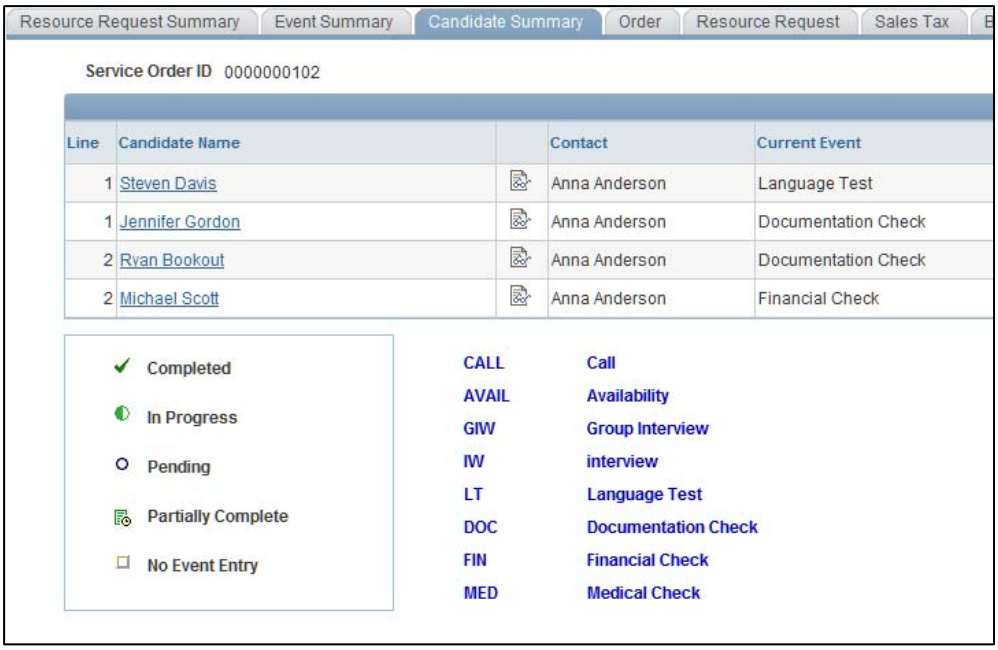

Candidate Summary page

We will provide users with the ability to capture and report on master contract information at the customer level and then to populate temporary orders at the time of entry in order to minimize data entry errors, and reduce the time required to audit, identify, and manage exceptions.

The new Master Contract functionality will provide users with the following:

- Ability to define pay and bill rates by customer.

  The goal for this requirement is to enable the staffing system user to capture pay rate, bill rate and markup **%**, which have been negotiated and agreed upon by the staffing company and the customer. Ultimately, the rates entered here will be used to default on assignments. A new page and related objects will need to be developed in order to capture this data.

- Ability to validate the job code against the master contract.

- Ability to define and enforce maximum tolerance rules.

  This feature is designed to give the administrator the ability to define and enforce a maximum markup % or a maximum bill rate for a customer. This feature adds the ability to capture maximum upper limits for bill rate and markup %, for a customer. The new maximum bill rate and the maximum markup % fields will be captured and maintained on the new Master Contract Rates page.

- Ability to automatically default pay and bill rates.

  If a Customer Master Contract Rate has been established for that specific customer ID, job code and worksite or job location, the Customer Master Contract Rates and associated rate elements will populate the appropriate matching fields on the Service Order for a resource request.

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- Ability to warn a user if the override bill rate and /or markup % exceed the maximum allowed per customer contract.

  New business logic will be added to the Order>Billing tab to warn the user whenever the Maximum Bill Rate, Maximum Markup % or both are being exceeded. If the maximums are being exceeded, a warning message will be displayed, indicating that the user has exceeded the maximum limitations agreed upon.

- Ability to require a reason from the user for not complying with contract rates.

  If it was the correct intention of the user to override either or both of the maximum values, a reason code will be required.

- Ability to copy a rate set to a new rate set.

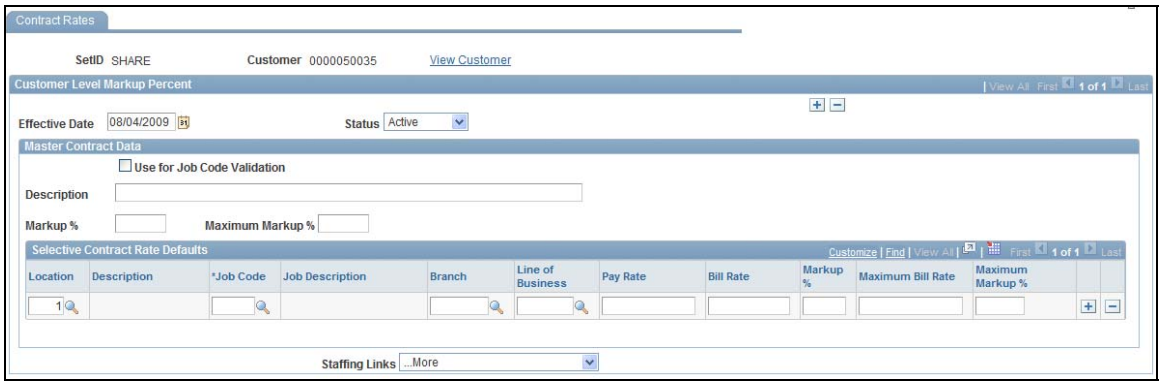
  The staffing administrator will be able to clone an existing Customer Master Contract Rate set to serve as a starting point for a new rate set.

- Ability to load pricing sheets from Microsoft Excel.

  We will develop a Component Interface (CI) and the Excel to CI template spreadsheet, which interfaces with this new CI. The Excel to CI spreadsheet will contain data fields within the Master Contract Rate Header and the Master Contract Rate Grid.

- Compliance and exception report.

  This real-time audit report identifies active assignments for which the pay and bill rates are not in compliance with contract rates that have been previously negotiated. This report will easily and quickly identify any orders or assignments for which the pay and/or bill rates fall outside the range as agreed upon with the customer, along with the reason entered by the Staffing Coordinator.



Contracts Rates page

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Pay/Bill Management 9.1

An efficiently run financial back office (that is Payroll, Accounts Payable, Billing, Accounts Receivable) is the foundation for growing a business and maximizing profitability. But for a staffing organization, obstacles that stand in the way of realizing a truly optimized back office can be overwhelming. Disparate, decentralized systems prevent you from gaining real insight into your business performance. Manual, paper-based processes inhibit the speed of how you run your business. Processes that vary by office, business unit, and country impede your ability to manage efficiently in today's fast-moving staffing industry.

PeopleSoft Enterprise Pay/Bill Management integrates and streamlines back-office functions and continues to evolve so that you can enable and enforce consistency in a highly productive way. For Pay/Bill Management Release 9.1 we plan to deliver key customer-driven enhancements, such as the ***ability to reactivate closed assignments***.

Regular business cycles sometimes require companies to make the same rate changes to a large group of assignments. An example of this would be yearly pricing updates. Companies managing this process via queries, reports, and manual entry of adjusted amounts into Time and Labor find it to be very time consuming and see an increased opportunity for introducing errors. The planned ability to ***apply mass changes to rates*** will enable users to select multiple assignments for rate change, specify a new pay rate and bill rate, and then apply these rates to the assignments. Reducing the need for manual intervention will greatly improve productivity and minimize errors.

New Functionality

Two new fields will be added to the Staffing Installation options page, Allow Reopening Assignments and Allow Additional Assignments. Administrators will decide, at setup, whether their organization will allow the reopening of closed assignments or allow additional assignments to be created.

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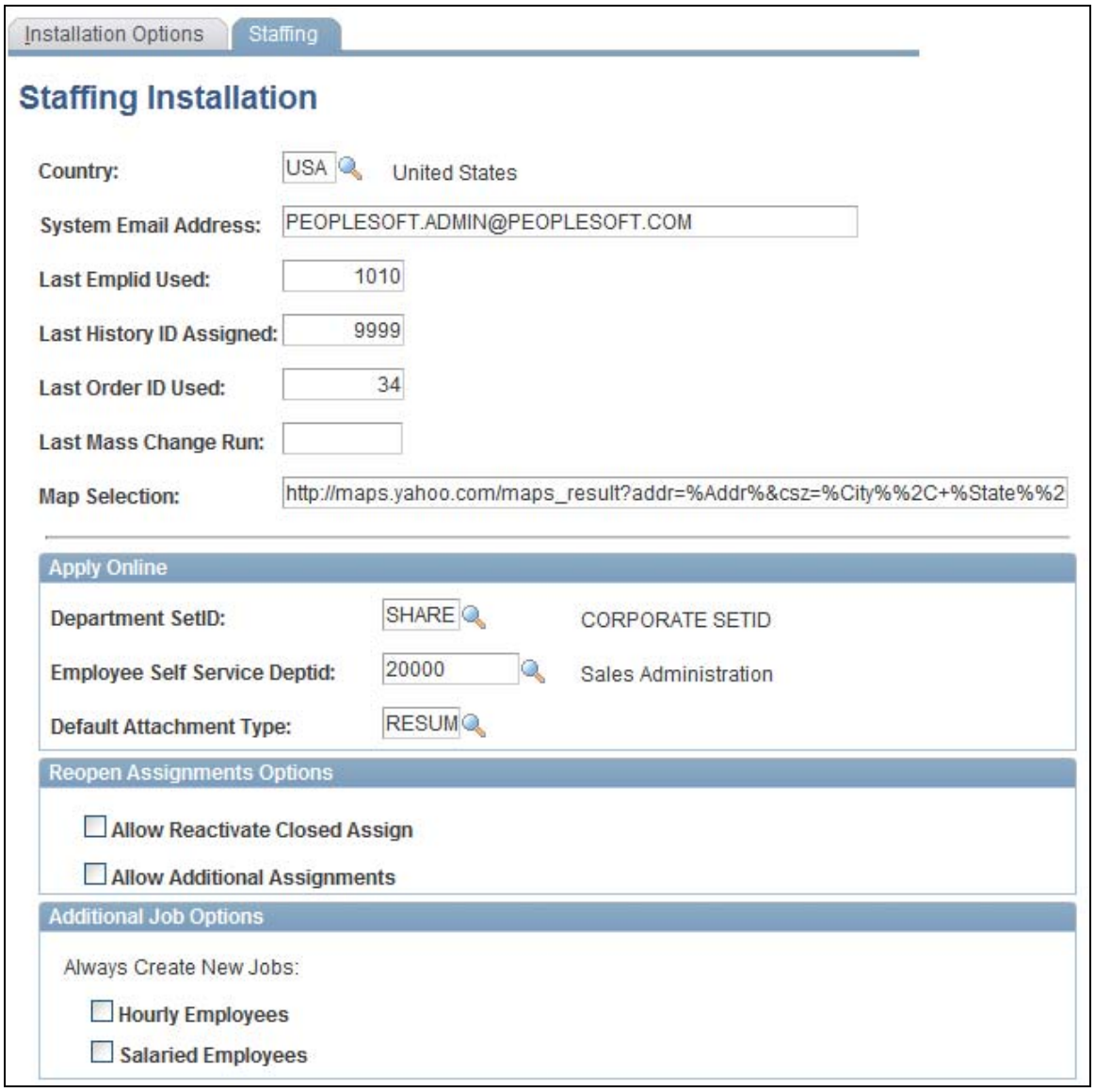

Staffing Installation Options (1 of 2)

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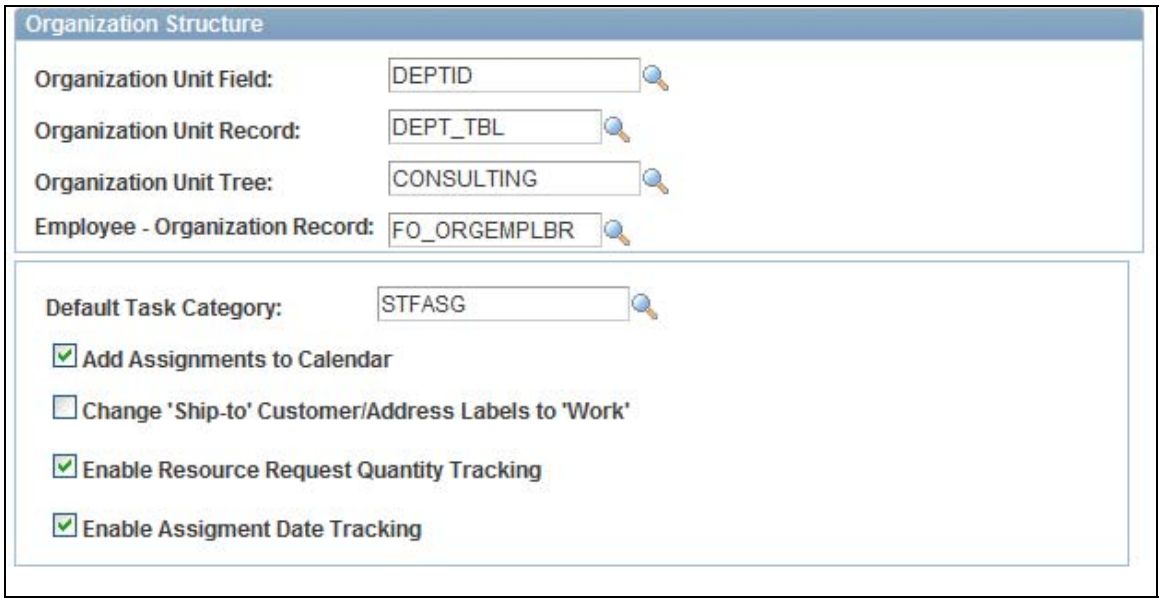

Staffing Installation Options page (2 of 2)

The Mass Assignment Rate Change feature will provide the user with the ability to update rates for several assignments at once. Also, if those updates are done to assignments that already have transactions entered in the system, then you can start a process to create retroactive transactions to address such updates.

The Mass Assignment Rate Change feature will allow the user to enter search criteria and select the assignments to be updated. The selected assignments are then listed and users will be able to create, update and delete rates, rate elements, and markups for the assignments. The user will be presented with the list of affected assignments and then they can decide which of the assignments should be updated. When the updates are done, the user will be able to record the change in history and add a reason to justify the change of the rates.

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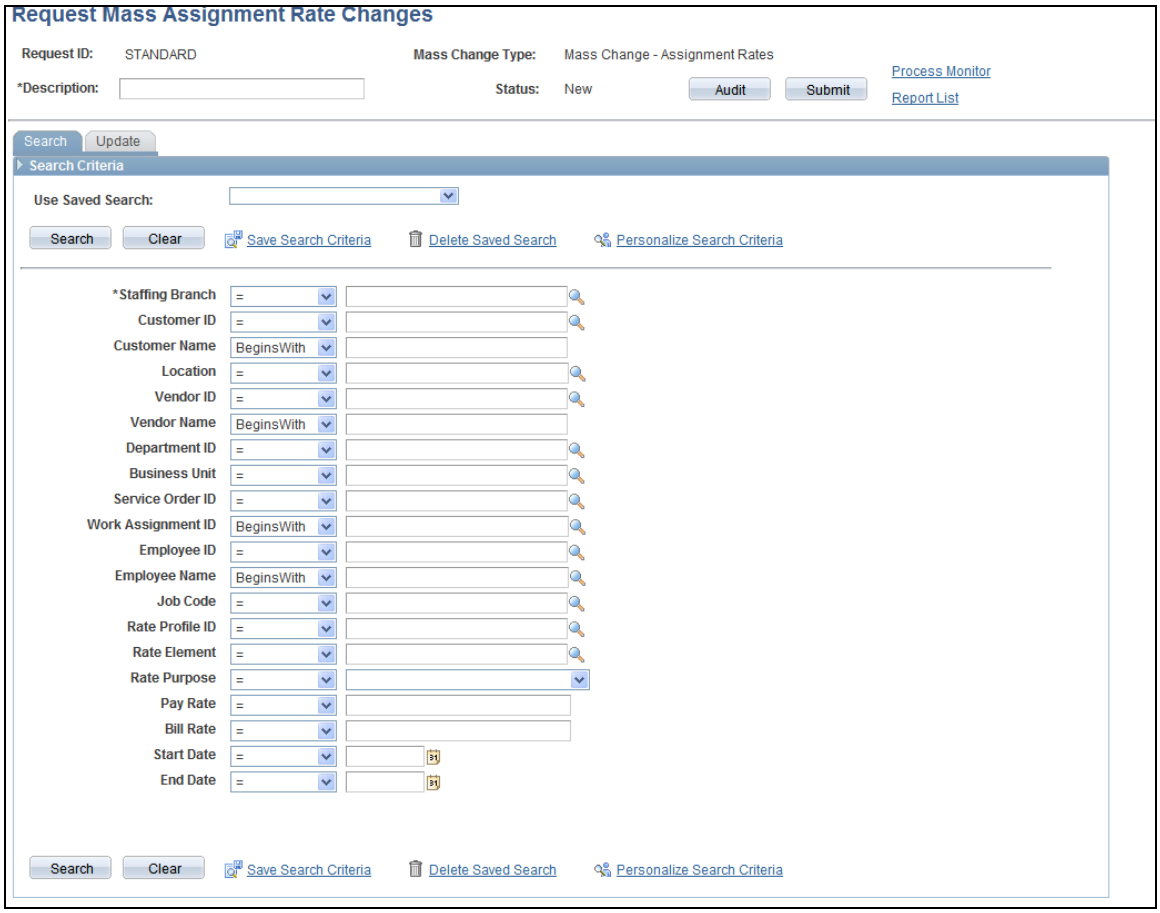
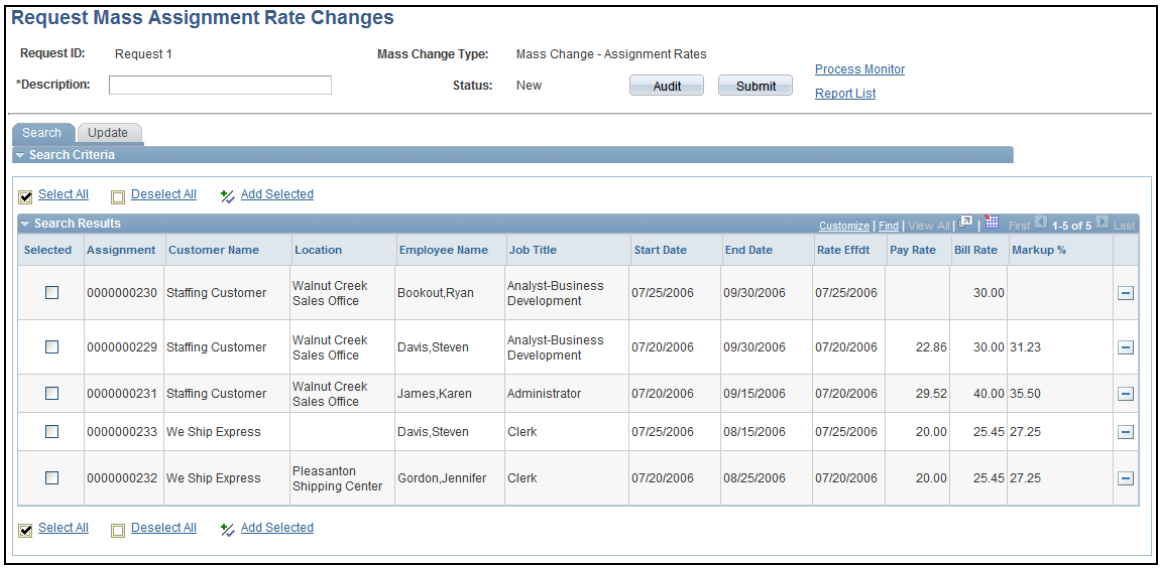


Request Mass Assignment Rate Changes - Search page (1 of 2)



Request Mass Assignment Rate Changes - Search page (2 of 2)

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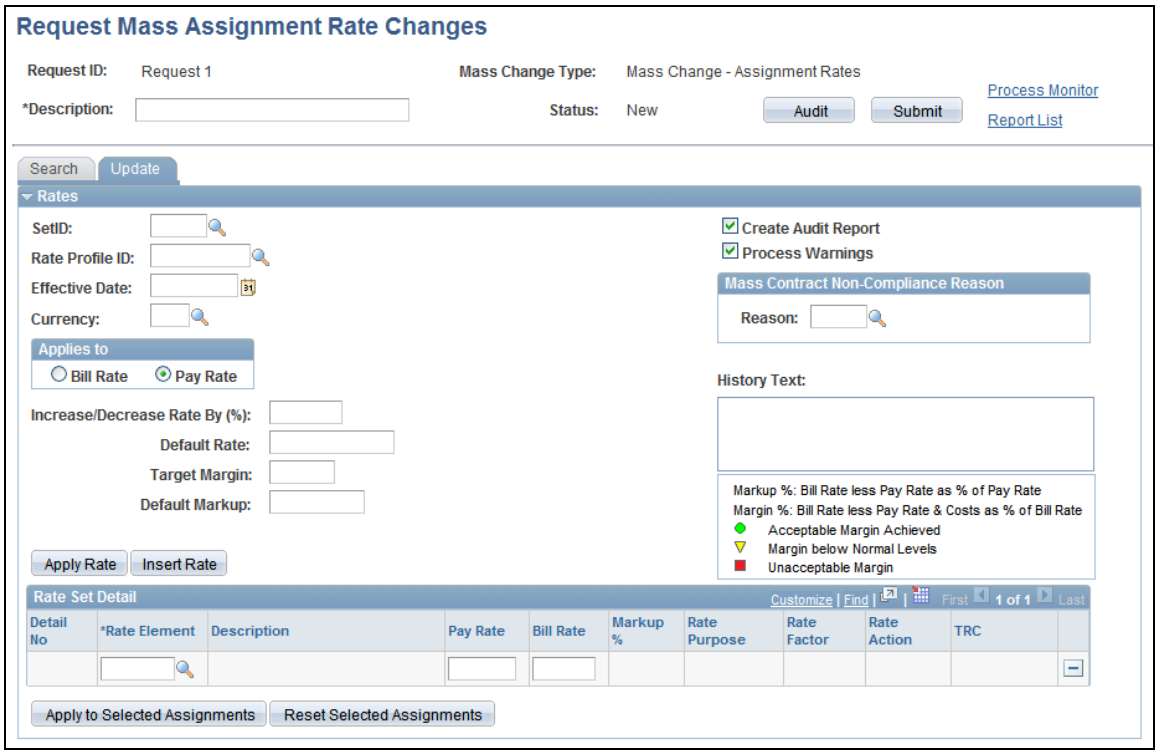

Request Mass Assignment Rate Changes – Update page

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Enhancements Common to Multiple Applications

This section discusses new enhancements that are common to multiple applications. Oracle's PeopleSoft continues to deliver enterprise-wide features and frameworks that enhance your ownership experience and help you run your business more efficiently and profitably. With PeopleSoft Enterprise Portal Release 9.1, Oracle plans to deliver:

- PeopleTools 8.50
- Mouse-over pop-up pages
- Application Integration Framework
- Approval Framework
- Desktop Integration
- Events and Warnings
- Upgrade Framework
- Attachment Framework

PeopleTools 8.50 – Improving Productivity

The PeopleTools 8.50 release continues Oracle's commitment to protect and extend the value of your PeopleSoft investment, provide additional technology options and enhancements that reduce ongoing operating costs, as well as improve the end user's experience. New Web 2.0 features and other enhancements in PeopleTools 8.50 provide additional avenues for improved productivity, employee engagement, improved user experience, and lower total cost of ownership (TCO).

In the area of Web 2.0, the Related Content Framework is a new feature that enables customers to mash-up PeopleSoft transactions with collaborative, analytical, and informational content. Additionally, connections to the PeopleSoft Enterprise Portal features give additional avenues for connecting the workforce.

Continuing with the theme of improved end-user productivity, other new enhancements include:

- Partial page refresh that improves the performance of page refreshes by refreshing only portions of a page, which enables the end user to continue working and not have to wait for the entire page to be refreshed.

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- Lookups and prompts that are now modal and appear in front of the primary page. Users do not have to wait for an entire new page to be drawn and can still view data from the primary page, which is grayed out and still visible.
- Advanced grid enhancements that improve the end user's ability to review and interact with data presented in a grid. New features include scroll bars to scroll through data, and the ability to rearrange column order by drag and drop, resize column width, and change the sort order directly from the grid.

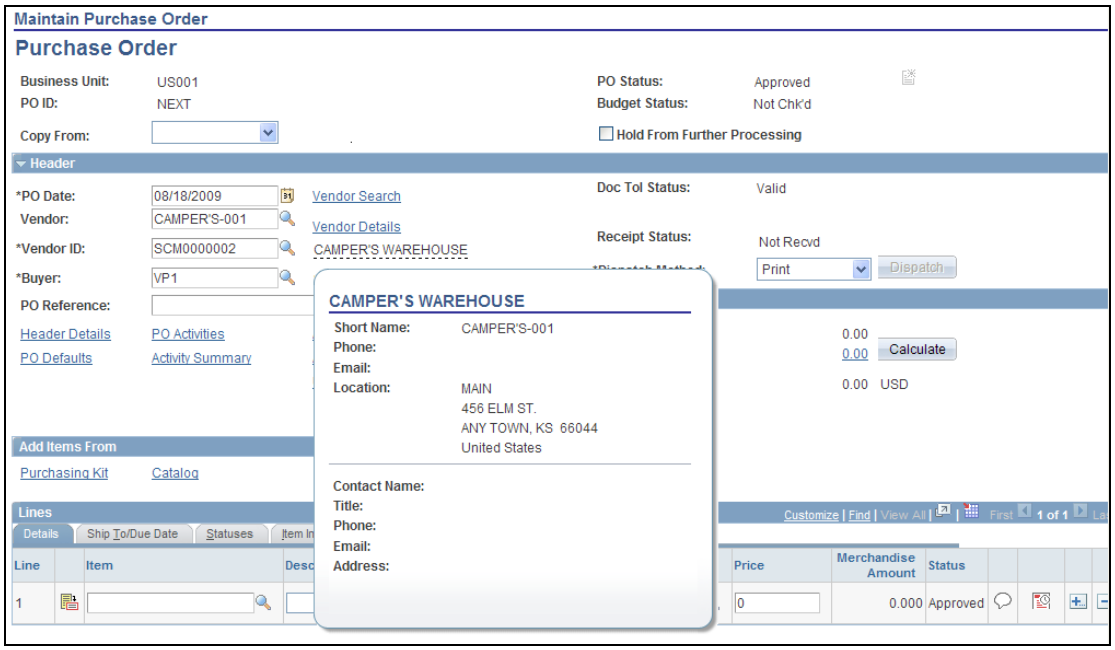
For more information, please see the Release Value Proposition for PeopleSoft Enterprise PeopleTools 8.50

Mouse-Over Pop-Up Pages

Mouse-over pop-up pages enable users to quickly see additional information for fields such as customers, vendors, and contacts. The pop-up page provides information such as name, phone number, location, email address, and so on.

The mouse-over pop-up page is a PeopleTools 8.50 feature that is configured using Application Designer. PeopleSoft FSCM 9.1 will provide the mouse-over pop-up feature on multiple pages. You can set up additional pop-up pages, modify the fields that appear on the delivered pages, or inactivate a pop-up page.

The pop-up page is activated when your pause your mouse over a field that has a dotted line. For example, this page shows that the pop-up page is activated for the Vendor Name field, CAMPER'S WAREHOUSE, on the Maintain Purchase Order – Purchase Order page.



Example of mouse-over pop-up page

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Application Integration Framework

Application Integration Framework plans to extend PeopleSoft Integration Broker functionality to provide a standard way to represent, classify, store, query, publish, acquire, and invoke data that maps element names, structures, and values between PeopleSoft Messages and external system messages. Two important features of Application Integration Framework include the Domain Value Mapping (Static Cross-references) and Dynamic Cross-referencing. These two mappings enable PeopleSoft Values to be mapped to other applications. Also, various APIs are being provided as part of this framework to access the Domain Value Mappings and Dynamic Cross-references, such as PeopleCode APIs, XSLT Extensions Functions, and also WebService calls. These APIs can be used together with PeopleSoft Integration Broker to send and receive messages with other PeopleSoft systems or third-party systems. If the message structure differs between systems, transformation programs are used to transform the incoming or outgoing message to a message format that the PeopleSoft system understands.

The primary purpose of Application Integration Framework is to create integrations with other Oracle Applications using the Application Integration Architecture without requiring an application upgrade. The framework is generic enough that it could be used for PeopleSoft integrations with any external system or with other PeopleSoft systems.

Approval Framework

Approval Framework is a user-configurable tool that uses Pure Internet Architecture and PeopleTools Workflow to create dynamic approval processes that fit the needs of each organization. Approval Framework replaces Virtual Approver and puts most configuration control in the hands of the business analyst.

In the PeopleSoft Enterprise 9.1 release, we plan for Approval Framework to focus on flexibility, configurability, and control.

These planned enhancements help streamline configuration tasks and provide additional details and functionality for approvers.

- Flexibility. Three areas were the main focus: notification, timeout and user lists.
- Additional configuration options:
  - The administration monitor will add a layer of configurability that allows actions to be enabled or disabled for each Transaction Registry.
  - The Monitor Configuration page controls both the Search and the Actions page of the Monitor Approvals.
  - The information displayed on the page can now be specified. In previous releases, only the transaction keys were displayed.

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- Control: Two new features are meant to provide control to the user:
  - The first one is a new user monitor. It is intended to be a one-stop shop for the user to review transactions that he either initiated or is a designated approver on.
  - The other new area of control is in reporting. Approval Framework will provide an audit report that gives details about approval transactions.

Desktop Integration

Desktop Integration is a completely new feature providing seamless integration between your organization's ability to schedule and track appointments, meetings, tasks, and corresponding documentation.

The Desktop Integration framework enables PeopleSoft applications to extend functionality into the Microsoft® Office 2007 suite. This enables users the ability to launch Microsoft® Outlook from a PeopleSoft web page and pass the application data to Outlook (Calendar or email). A two-way communication is established between the PeopleSoft application and Microsoft® Outlook, with Outlook pulling the information from and pushing updates to the PeopleSoft application. Oracle will deliver this functionality as part of the PeopleSoft Enterprise Components that are available with all PeopleSoft applications.

Powerful integration scenarios include interview scheduling, or creating a shared address book that is kept up to date with changes as they are added to PeopleSoft applications.

Events and Warnings

Events and Notifications is a framework that enables you to define, implement, and run business logic for business events. The Notification Dashboard is a central location to view information related to notifications, warnings, and errors that occur within many batch or online processes throughout the system. You can receive notifications using email, worklist, or XML messages when an event occurs. PeopleSoft Query can be used in combination with the Events and Notifications Framework feature to generate alert messages based on data within one or more PeopleSoft table.

The Events and Warnings framework will be created to combine existing Event functionality from HCM and events, warnings, and notifications in SCM to be a common framework that could generate multiple kinds of notifications. This will require a very light API to implement and had a minimal set of required registry data. This combined framework will be available in all PeopleSoft applications.

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Upgrade Framework

The Upgrade Data Conversion Analyzer is a new Application Engine (AE) program. For a given upgrade path, the Analyzer gathers a list of AE sections required for data conversion and stores these in a new repository. Each SQL statement (including SQL statements within PeopleCode) is then analyzed to derive a list of tables that are manipulated or queried during the execution of the SQL. Once all the SQL is analyzed, the information is used to derive section dependency information, which is then saved in the repository.

The Upgrade Data Conversion Runtime will be a new Application Engine program. The Runtime will use the information generated by the Upgrade Data Conversion Analyzer to improve the execution of the data conversion. Optimization is achieved through increased parallelism at runtime. Execution timing data is written to the repository, and can be used for analysis and further optimization of subsequent runtimes.

Attachment Framework

The Attachment feature enables you to attach files to a PeopleSoft Enterprise application. An administrator can add URLs or common files to a component or page. Attachments include PDF files, spreadsheet files, document files, URLs, and so on. You can also define the types of attachments that users can add to a specific row of application data, such as medical or adoption certificates, fitness for duty forms, and so on.

Although the types of attachments you can add to a page are essentially unlimited, you must categorize an attachment as one of the following:

- Attachments are any previously created electronic files that the administrator wants users to be able to download.
- URLs are links to dynamic files or web sites.
- Document definitions are types of files that users can upload to the system, for example, various medical certificates or evidence of class completion.

Because many uploaded attachments should not be visible to all users, the system enables an administrator to restrict access to the attachments. The administrator defines the context of the attachment functionality using roles to define who can add, modify, or delete their own attachments for a specific row of application data.

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Enhanced Product Information

Oracle's PeopleSoft Enterprise software continues to enhance the user experience with our products by improving the quality and ease of access to vital information.

Note. The links provided in this section may change over time. If a link does not take you to the proper location, oracle.com should produce a more current link.

New Information Portal

The PeopleSoft Enterprise Information Portal provides customers with a single entry point to locate the documentation, training, and other useful information they need to help with their implementation process and improve their daily experience with our products.

PeopleSoft Enterprise software offers many information solutions to help our customers succeed. By using our popular PeopleSoft Enterprise Information Solution data sheets, customers can easily access information and links to PeopleBooks, Documentation Updates, Instructor-Led Training, Online Classes, User Productivity Kits (UPK), Self Study CDs, Certification Programs, and other helpful information.

PeopleBook Improvements

We made the following improvements to PeopleBooks documentation to enhance content breadth, organization, and usability.

- ***Hosted PeopleBooks.*** Starting with this release, our new Hosted PeopleBook solution provides you the option to access your context sensitive PeopleBook help directly from our hosted server. The hosted documentation will be updated regularly to ensure that you have access to the most current documentation. This reduces the need to view separate maintenance documentation postings on My Oracle Support because that documentation will now be incorporated into the hosted PeopleBooks content. We will also offer updated installable HTML PeopleBook Libraries for those who prefer to have the documentation installed on their local servers. Updated PDF versions of PeopleBooks will be posted on OTN, based on the content update schedule. The hosted and updated installable PeopleBooks will be available in English only. Translated PeopleBooks will still be offered in their original GA state via ePD.
- ***Installed PeopleBook Organization.*** You will notice a big change as soon as you install PeopleBooks. We now deliver PeopleBooks logically grouped by product line and functional area so that books are easier to find when accessing them online.

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- ***Improved Application Page Navigation Documentation.*** Navigation to an application page now appears wherever a page is defined in our documentation. In addition to the navigation being listed in the Page Introduction Table, the navigation will also be listed at each location in the PeopleBook where the application page is discussed in detail. This enhancement eliminates the need for customers to look elsewhere in the book for the page navigation.
- ***More Examples.*** Throughout our documentation, we are adding real-life examples of application setup or business process tasks to help customers envision the documentation in our PeopleBooks. When an example is more extensive or does not easily fit into a suitable section of the documentation, we may also include a Scenarios Appendix that contains standalone examples of how our products are best implemented and used.
- ***Helpful Hints.*** Sometimes a useful bit of information or troubleshooting advice can mean a big difference in how easily a product is setup or used. In certain situations, we will include such information in a note or warning within the documentation itself. If the information is too lengthy to include in a note or warning, it may be included in a Helpful Hints appendix.
- ***Enhanced Cross References.*** Using a new formatting capability within our PeopleBook authoring tool we can now insert a useful cross reference link within standard paragraph text. This feature locates appropriate cross-references closer to the documentation to which they apply, making them far more useful to our customers.

Research in PeopleBooks

We have created a free, short, online course titled Researching in PeopleBooks that will give our customers:

- A better understanding of our documentation structure and organization.
- Techniques for finding information more quickly and easily by using search functionality, best practice search strategies, and indexes.

Take this brief course to help you more quickly find the information you need in PeopleBooks.

User Productivity Kits (UPK)

The User Productivity Kit (UPK), UPK Developer and content, is the PeopleSoft end-user training solution. It provides a single source development and customization tool to enable rapid content creation and customization. UPK may also provide system process documentation, user acceptance test scripts, training materials, role-based performance support, and documentation.

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For this release, we have broadened our UPK footprint with more UPK content offerings than ever before. Leverage this powerful end-user training solution to improve your organization's productivity in a highly cost-effective manner.

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Oracle PeopleSoft Enterprise FSCM 9.1 PreRelease Notes
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