

# PeopleSoft Inventory Management



*Oracle's PeopleSoft Inventory Management is the cornerstone of your supply chain business processes of Inventory Management, order-to-cash, and procure-to-pay. All business operations are unique. Organizations need the flexibility to control and track inventory that supports the company's business processes. PeopleSoft Inventory enables organizations to increase inventory accuracy and customer service levels and, at the same time, to reduce carrying and labor costs, and inventory write-offs. PeopleSoft Inventory helps organizations make faster, more accurate decisions, which is critical in today's complex global inventory environments.*

## KEY FEATURES

- Create unlimited and flexible business units to reflect distribution and material storage entities.
- Use a multi-level storage structure to provide flexibility and simplify transaction processing.
- Track real-time item quantities.
- Provide ability to drive inventory balances negative and reconcile discrepancies.
- Perform cycle counts with or without interrupting warehouse operations.
- Track cumulative and unit cost information at the item level on a real-time basis.
- Manage and maintain lots based on a set of lot control parameters, such as expiration date, lot creation date, and lot status.
- Cross-dock incoming receipts to outgoing shipments to save steps and cut lead times.
- Perform financial sanctions screening by validating customer names and addresses with a variety of national and international security lists provided by download from a US Government website.

## Item Management

PeopleSoft Inventory enables organizations to capture and maintain complete records of on-hand items. Organizations can maintain common sets of item data across the enterprise or specific to a business entity. Item attributes, such as physical dimension, size, item family and group, and utilization types, can be recorded for each inventory business unit. If it is important to the organization, routings for approval can be enabled for newly added items using workflow processing. Support of various units of measure to convert among stocking, ordering, and shipping transactions is also available. A time-saving feature provided in Inventory is the ability to copy items within and across business units using the Item Template capability.

## Item Templates

Companies need to maintain their item masters to align to changes in item catalogs or changes in the organization. Item templates provide the ability to add or change item groups using configurable Item templates. The configurable Item templates specify the default item attribute values to be used in add or change activities. Users specify the variable item information, such as item and description, and then can update the item master in just a few steps.

- Perform paperless picking and shipping using radio frequency devices.
- Defer depletions until you are ready to deplete inventory and invoice.
- Automate PAR inventory assignment, tracking, and replenishment.
- Work through various inventory-related activities with various workbench capabilities: Fulfillment Workbench, Shortage Workbench, Pegging Workbench, and Freight Management and Shipment Planning Workbench.
- Integrate with third-party freight rating systems, sophisticated warehouse management systems, and mobile devices.

#### KEY BENEFITS

- Flexible and comprehensive inventory management system.
- Immediate access to relevant inventory information.
- Swift and informed decision making capability.

## Comprehensive Inventory Control, Management, Reporting, and Reconciliation

PeopleSoft Inventory offers multiple physical account features to accurately and efficiently track and reconcile the physical location of items. Organizations can calculate the ABC classifications based on configurable rules and perform cycle counts by ABC classification. Wall-to-wall and cycle counts can be performed using automated data collection devices that interface with the PeopleSoft Inventory module.

PeopleSoft Inventory has comprehensive costing and valuation management to support and maintain costing information quickly and easily, and it uses this information to calculate appropriate inventory valuations. Organizations are able to support multiple, simultaneous inventory valuation methods. Integration with other PeopleSoft products allows organizations to recognize and record cost variances and to generate inventory-related accounting lines for all inventory transactions.

PeopleSoft Inventory supports powerful lot and serial control tracking capabilities to maximize efficiency. Allocation to specific lots during order entry is supported, as well as viewing the quantity available and quantity previously allocated for each item and lot combination. Flexibility in specifying sorting criteria for lots when picking is also provided; picking uses earliest lot expiration date (first expired, first out) or earliest lot creation date (first in, first out). The flexibility in serialization control allows tracking of material by serial number from the time of receipt or from the time of shipment.

## Putaway and Cross-Docking

PeopleSoft Inventory enables organizations to match the method and structure of precisely storing and processing inventory. Review and selection of alternate putaway plans is provided based on multiple criteria: find an existing item location, default putaway, fixed picking, empty bin, and more. Inventory managers can use capacity checking by size, weight, or both for material putaway or single item storage if an item must be stored by itself.

## Order Pegging, Reservations, Backorder Management, and Fulfillment

Organizations need to know if they can deliver on time to both internal and external customers, and this needs to be done in the most cost-efficient manner. Using PeopleSoft Inventory, users can strategically track and manage all demand requirements to maximize customer service levels. Given the appropriate security capabilities, users can peg incoming supply to demand. Users can also access available-to-promise information and monitor unfulfilled demand and material receipts that can be considered as a source of supply. Users can reserve stock by using reservation lead days and order priority or use powerful reservations and

**RELATED PRODUCTS**

The following products support Oracle PeopleSoft Inventory Management:

- PeopleSoft Mobile Inventory Management
- PeopleSoft Order Management
- PeopleSoft Purchasing
- PeopleSoft Cost Management
- PeopleSoft Projects

**RELATED SERVICES**

The following services support Oracle PeopleSoft Inventory Management:

- Update Subscription Services
- Product Support Services
- Professional Services

backorder rules to reserve stock to internal and external orders. Management of both internal and external stock requests (demand) from PeopleSoft Order Management, Purchasing, and Asset Lifecycle Management is enabled with both automatic and manual fulfillment rules. PeopleSoft Inventory enables the fulfillment of all demand, regardless of source, using the fulfillment and shortage workbenches. Streamlining fulfillment operations is easy with the rules-based fulfillment engine, which has powerful but flexible rules taking orders from one fulfillment state to another (that is, unfulfilled to picked or reserved to shipped). Users can increase warehouse efficiencies using in-stock movements and decrease the associated paperwork and cost. In addition, the route and load planning capabilities enable pickers to group order lines for efficient picking, packing, and shipping.

Integration to Shipment Planning and Freight Rating vendors allows calculations for estimated shipping and load weight and volume to help manage truck loads and to apply freight and miscellaneous charges for customer orders.

**Supply and Demand WorkCenter and Dashboard**

WorkCenters accelerate the rate at which users can accomplish their day-to-day jobs. WorkCenters consolidate and centralize access to relevant data and provide visibility, using alerts and dashboard analytics, to the work that needs to be completed by the user community. User productivity increases by allowing them to do their jobs efficiently, removing bottlenecks, and providing them the right information at the right time. Operational users in all organizations perform different tasks on a daily basis that require them to access various parts of multiple applications quickly. WorkCenters are configurable by organization and role, so users can personalize their menu access to how they work.

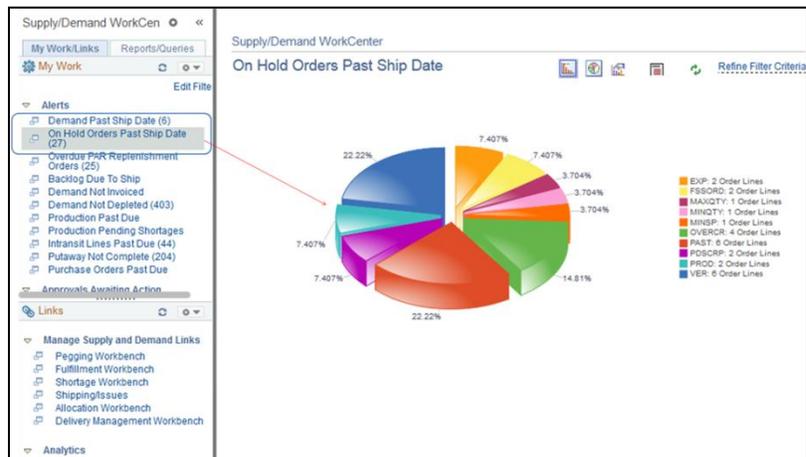


Figure 1. Supply and Demand WorkCenter- A central location to perform tasks

## **Transfer Order Management**

PeopleSoft Inventory enables swift intra-enterprise materials movement. Users are able to create interunit material transfer orders independent of order processing and purchasing functions. The Inventory design accommodates both simple interunit transfers and complex intercompany transfers that require arms length sales between entities. Organizations also have the option of transferring stock between business units at a specific predetermined or manually entered cost, at a certain cost markup, or at zero cost.

## **Stock and Location Replenishment**

Inventory managers need to know when supply items are getting low. With powerful automation capabilities and intuitive data screens, users can easily replenish materials with PeopleSoft Inventory. Replenishment requisitions can be generated based on current stocking levels, economic order quantity, or reorder point. The module provides the flexibility to use ad hoc requisitioning for backorder management and to track reorder point based on multiple criteria.

## **Consigned Inventory from Suppliers and Vendor-Managed Inventory for Customers**

Whether the organization has Supplier inventory on premise or the inventory is at the customer's site, PeopleSoft Inventory offers solutions to manage both scenarios. Stock tracking of Inventory owned by the organization or by its Suppliers can be tracked and, upon consumption, automatically trigger payment. Sell-side Vendor Managed Inventory allows tracking of inventory at a customer's site using delivered integration points to monitor usage and status. The module provides the capability to automatically replenish customer on-site inventory with the flexibility of invoicing them upon shipment (non-consigned) or upon usage (consigned).

## **PAR Inventory and Material Usage and Reconciliation**

PeopleSoft Inventory enables organizations to establish stock locations that can be replenished without tracking on-hand quantities and material movement transactions. This is common in hospital environments for supply carts or closets. Additionally, the module provides tools for capturing and tracking material usage from locations and receipt of goods into locations. When locations need replenishment, users can run a process of replenishment by PAR location or by PAR location group.

**CONTACT US**

For more information about PeopleSoft Inventory Management, visit [oracle.com](http://oracle.com) or call +1.800.ORACLE1 to speak to an Oracle representative.

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**Hardware and Software, Engineered to Work Together**

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