

Oracle PeopleSoft Inventory

Oracle's PeopleSoft Inventory is the cornerstone of your supply chain business processes such as 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, 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.

Item Management

PeopleSoft Inventory enables organizations to capture and maintain a complete record 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, 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 an Item Template.

Item Templates

Companies need to maintain 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 template specifies default item attribute values. You can specify item information, such as item and description, and then update the item master in just a few steps.

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 PeopleSoft Inventory.

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 quantity.
- Allow negative inventory 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.
- Use Analytic Dashboards to view value and quantity for lots due to expire and non-viable lots currently in inventory.
- 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 downloaded from a U.S. Government website.
- Perform paperless picking and shipping using radio frequency devices.
- Defer depletions until you are ready to deplete inventory and invoice.

PeopleSoft Inventory has comprehensive costing and valuation management to support and maintain cost information quickly and easily, and it uses this information to calculate 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 sort criteria for lots when picking is also provided; picking uses the earliest lot expiration date (first expired, first out) or earliest lot creation date (first in, first out). The flexibility in serial control allows tracking of material by serial number from the time of receipt or from the time of shipment. A powerful analytic Dashboard shows inventory lots due to expire in user-defined buckets so the material can be transferred or prepared for scrap. Another Dashboard shows expired lots that should be removed immediately so no expired materials are mistakenly consumed or shipped.

- 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.

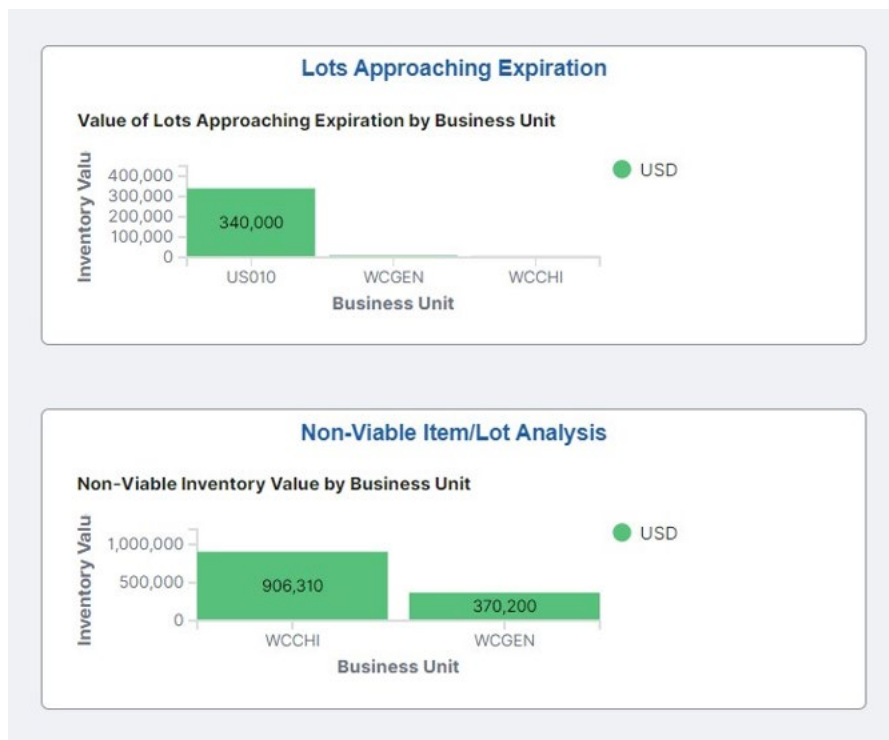


Figure 1. Inventory Dashboard tiles.

Key Benefits

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

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 inventory to internal and external customers on time and in the most cost-efficient manner. PeopleSoft Inventory allows you to strategically track and manage all demand requirements to maximize customer service levels. Given the appropriate security capabilities, you can peg incoming supply to demand. You can access available-to-promise information and monitor unfulfilled demand and material receipts that can be considered as a source of supply. You can reserve stock using reservation lead days and order priority, or use powerful reservations and backorder rules to reserve stock to internal and external orders. Managing internal and external stock requests (demand) from PeopleSoft Order Management, Purchasing, and Asset Lifecycle Management is enabled with automatic and manual fulfillment rules. PeopleSoft Inventory enables the fulfillment of all demand, regardless of source, using fulfillment and shortage workbenches. Streamlining fulfillment operations is easy with a 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).

You 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.

Supply and Demand WorkCenter and Dashboard

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

Related Products

PeopleSoft Inventory supports the following Oracle PeopleSoft modules:

- PeopleSoft Mobile Inventory Management
- PeopleSoft Order Management
- PeopleSoft Purchasing
- PeopleSoft Cost Management
- PeopleSoft Project Costing

Related Services

The following services support PeopleSoft Inventory:

- Update Subscription Services
- Product Support Services
- Professional Services

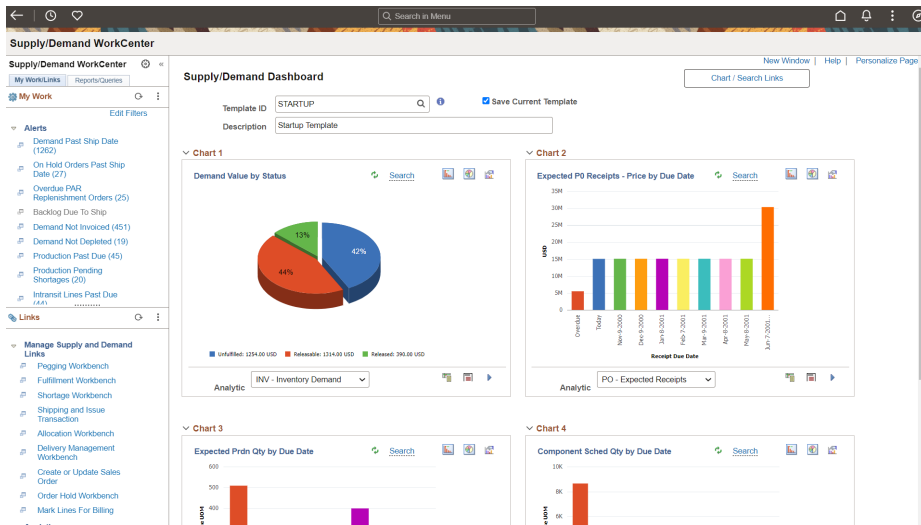


Figure 2. The Supply and Demand WorkCenter provides a central location to perform tasks.

Transfer to Order Management

PeopleSoft Inventory enables swift intra-enterprise material movement. You can 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 arm's length sales between entities. Organizations have the option of transferring stock between business units at a specific predetermined cost, at a manually entered cost, at a certain cost markup, or at zero cost.

Stock and Location Replenishment

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

PAR Inventory, 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 the receipt of goods into locations. When locations need replenishment, a replenishment process can be run by PAR location or by PAR location group.

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