

Oracle PeopleSoft Mobile Inventory Management for Healthcare and Light Warehousing Environments

Oracle's PeopleSoft Mobile Inventory Management applications enable automated mobile user operations. Users perform tasks using handheld Windows-enabled devices, PDAs, tablets, and handheld rugged scanners. Using mobile devices results in improved data accuracy and increased mobility and convenience, thereby streamlining movement, counts, and inquiries while reducing human errors. PeopleSoft Mobile Inventory Management is part of the PeopleSoft Supply Chain Management solution, which is an integrated suite that streamlines ordering, physical inventory, replenishment, and fulfillment.

Enable Mobile Inventory Management Architecture

Leverage the Power of PeopleSoft Inventory

You run PeopleSoft Mobile Inventory Management in real-time connected mode on any rugged mobile device. Manufacturers of such devices, such as Motorola/Symbol, Honeywell, and Intermec support the most popular data collection devices used in warehouse environments. PeopleSoft Mobile Inventory Management is developed using PeopleTools, which provides all the capabilities for customizing and creating new transactions or inquiries

Improve Inventory Accuracy and Reduce Data Entry Errors with Barcode Scanning

Using barcode scanning rather than manual data entry to record transactions data improves data accuracy and reduces data entry time. Mobile devices increase productivity through reduced data entry and streamlined user time-motion activities. You can take advantage of process automation, which increases throughput and decrease material movement cycle times.

Improve Transaction Accuracy with Real-Time Data Validation

Inventory accuracy improves two-fold through the reduction of data entry errors as well as the capability to identify inaccuracies much faster. Inventory accuracy techniques such as cycle counting are more efficient when performed with real-time barcode scanning capabilities. The benefits of improved inventory accuracy include having the right material on hand when needed, optimizing

Key Features

- Real-time mobile transactions on various rugged and personal devices
- Reduction of data entry errors through barcode scanning
- Support for transactions and inquiries in receiving and inventory
- Rapid deployment leveraging existing PeopleSoft Inventory and Purchasing business processes
- Security enabled by role and user ID
- Leverage PeopleSoft security setup
- Easy personalization of page rendering on various devices based on user preferences and skill level

Key Benefits

- Improved inventory accuracy
- Improved labor productivity
- Ability to adapt to rapidly changing mobile technology

replenishment and fulfillment plans, and decreasing the carrying costs of excess materials.

Reduce Latency using Mobile Devices

Mobile devices enable users to enter transactions and perform queries in real-time, at the point of use. Transaction validation takes place online, immediately identifying valid data. Real-time inventory information improves the quality of supply chain collaboration, enables accurate requests for replenishment orders, and optimizes warehouse and supply site scheduling activities and resources. Users have immediate access to current and accurate information for resolving exceptions.

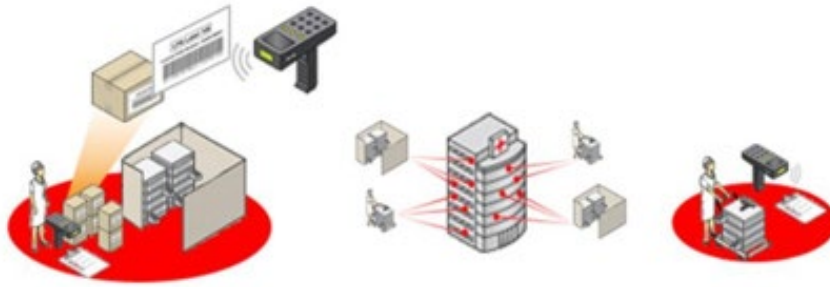


Figure 1. Mobile Inventory Management PAR Count flow.

← | Par Location WCGEN \ 3WEST ⋮

Find →

7 rows

Item ID	Count Quantity
HC42312309 BOX Wound irrigation systems	* <input style="width: 50px;" type="text"/> <input type="checkbox"/> Zero Count
HC42142609L EA Medical syringe 60CC with needle	<input style="width: 50px;" type="text"/> <input type="checkbox"/> Zero Count
HC42142504 EA Biopsy needles	* <input style="width: 50px;" type="text"/> <input type="checkbox"/> Zero Count
HC42142503 PK Arterial needles	* <input style="width: 50px;" type="text"/> <input type="checkbox"/> Zero Count
HC42142521 BOX Blood collection needle	* <input style="width: 50px;" type="text"/> <input type="checkbox"/> Zero Count
HC42311511 BOX Gauze bandages	* <input style="width: 50px;" type="text"/> <input type="checkbox"/> Zero Count
HC42142609S EA Medical syringe 5CC with needle	<input style="width: 50px;" type="text"/> <input type="checkbox"/> Zero Count

Submit
Save
Exit

Figure 2. Mobile PAR Count Entry page.

Improve Worker Productivity

In combination with barcode scanning, data entry using mobile applications enables a more efficient use of time, improved time-motion activities, and the ability to perform validation and corrections online, and in real-time. Users have access to more information, such as inventory availability, process receipts and issues without having to change work stations or work locations. Users can complete inventory transactions from anywhere inside or outside the facility. One mobile device can replace several desktop PC's. Mobile devices can be

assigned to users or areas, significantly reducing dependencies on adequate space, and allowing users to access the system wherever they are.

Tailor the User Interface by Role and Specific Task

PeopleSoft Mobile Inventory Management allows you to tailor the User Interface (UI) to each user and specific task, at the system level. Users then have the option to further personalize the UI for what they feel they need to see, and change it by role, user ID, or task. In addition, you can continuously incorporate improvements into the mobile user interface to reflect efficiencies gained by consistent users and changes to the business process. This capability simplifies data entry requirements by task and work profile.

Figure 3. Tailor display of transactions to role or user ID.

Related Products

The following products support Oracle PeopleSoft Mobile Inventory Management:

- PeopleSoft Purchasing
- PeopleSoft Inventory

Related Services

The following services support Oracle PeopleSoft Mobile Inventory Management:

- Update Subscription Services
- Product Support Services
- Professional Services

Adapt to Rapidly Changing Mobile Technology – Select Mobile Devices to fit your Needs

PeopleSoft Mobile Inventory Management is device independent when it comes to interface rendering and layout. This capability is important because companies can support multiple devices.



Figure 4. Multiple devices are supported.

Supports Inbound Logistics and Inventory Control

Because PeopleSoft Mobile Inventory Management is a direct extension to the PeopleSoft Inventory application, it leverages the business processes already established for receiving, fulfillment, and inventory. Mobile Inventory Management provides an alternative, execution-based user interface (UI) but does not add further complexity or overhead to existing processes. Therefore, upon implementation, you can select the UI you want to use for day-to-day tasks. Mobile Inventory Management offers an alternative UI for key supply chain execution functions.

Mobile Inventory Management provides execution-based mobile UIs to receive purchase orders, internal requisitions, and inter-unit shipments. Updates to receiving and inventory occur in real-time with information, which enables delivery transactions to complete the inbound logistics flow. In addition, receivers can prepare delivery receipts for non-purchase related materials such as salesman samples, documents, and more. Signature capture on the mobile device (if enabled) allows chain of custody tracking from within the PeopleSoft Inventory system.

Mobile Inventory Management provides common inventory functions such as balance inquiries, cycle count and physical inventory processes, count and replenish PAR Inventory locations, intra-unit transfers and more. The application allow data capture of lots, serial numbers, GTIN, and other required and flexible inventory attributes.

In hospitals and distribution warehouses, where mobility is desirable but implementing a full warehouse management system is not feasible or cost

effective, PeopleSoft Mobile Inventory Management provides a rapidly deployable supply chain execution solution. The solution enables real-time, mobile, and connected entry options to reduce errors and increase user productivity wherever users perform material management transactions.

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