

PeopleSoft Mobile Inventory Management for Light Warehousing



Oracle's PeopleSoft Mobile Inventory Management applications enable automated mobile user operations. Users perform tasks using handheld devices, PDAs, tablets and handheld rugged scanners. The use of mobile devices results in improved data accuracy, 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 planning, ordering, manufacturing, and fulfillment.

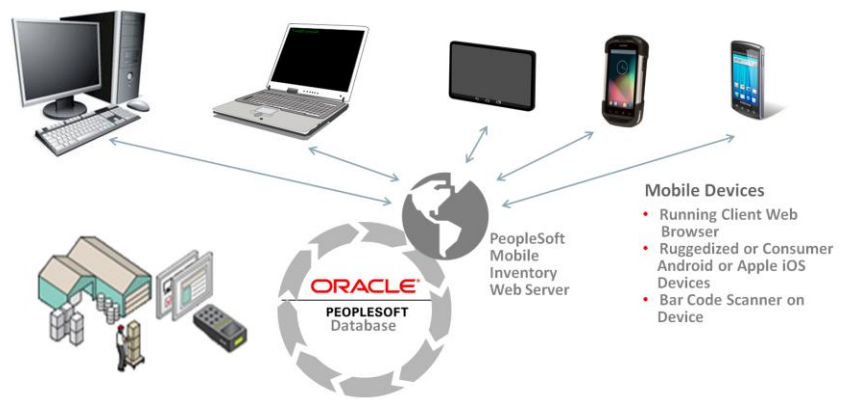


Figure 1. Mobile Inventory Management architecture

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 UserID
- Leveraging of PeopleSoft security setup

Enable Mobile Inventory Management Architecture – Leverage the Power of PeopleSoft Inventory Coupled with the new PeopleSoft Fluid User Interface

You can run PeopleSoft Mobile Inventory Management in real-time connected mode on any rugged mobile device that uses Android with the Chrome browser, or Apple iOS operating systems. 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 written using PeopleTools and uses the PeopleSoft Fluid User Interface. Since Mobile Inventory is written in PeopleTools, it is flexible so that you can add or change the user interface (UI) that appears on the mobile screen.

- 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

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 decreases 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 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, identifying valid data immediately. 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 2. Mobile Inventory Management Cycle Count flow

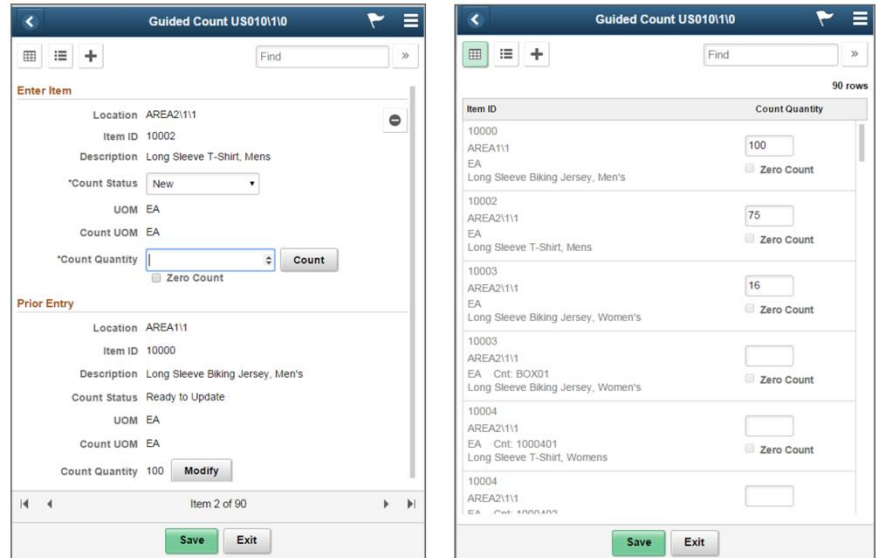


Figure 3. Mobile Cycle Count Transaction screens

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 an 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 stations or work locations. Users may complete inventory transactions from anywhere inside or outside the facility. One mobile device can replace several desktop PCs. Mobile devices may 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 also allows you to tailor the user interface (UI) to each user and specific task at the system level. Users then have the option of further personalizing 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 UI to reflect efficiencies gained by consistent use and changes to the business process. This capability simplifies the data entry requirements by task and work profile.

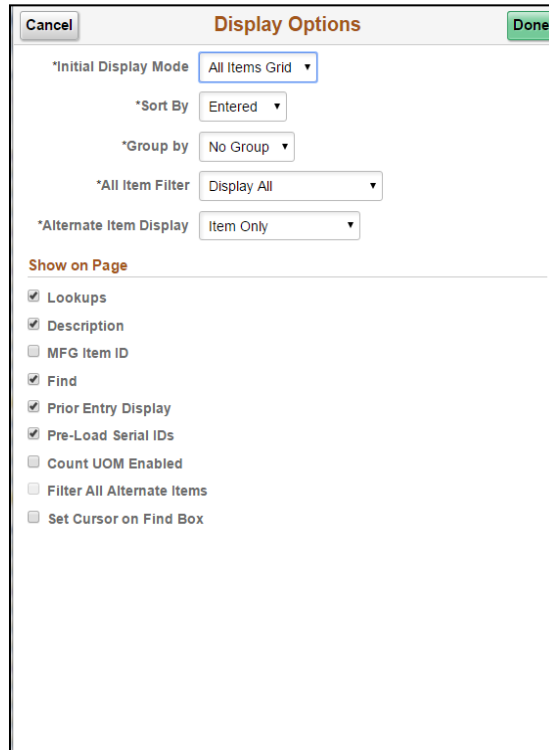


Figure 4. Tailor display of transactions to Role, User ID

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. Any PC or handheld device that runs Android Chrome or Apple iOS can support character-based and GUI-based rendering.



Figure 5. 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 business processes already established in Receiving, Fulfillment, and Inventory. It provides an alternative, execution-based UI but does not add further complexity or overhead to existing processes. Therefore, upon implementation, users can select the UI they want to use for their daily tasks. Mobile Inventory Management offers an alternative UI for key supply chain execution functions.

Mobile Inventory Management for Light Warehousing provides execution-based mobile UIs to receive purchase orders, internal requisitions, and ad hoc package receipts. Updates to Receiving and Inventory occur in real time with information enabling delivery transactions to complete the inbound logistics flow. Receivers can prepare delivery receipts for non-purchase related materials such as sales 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 Inventory balance inquiries, cycle counting and physical inventory transactions, counting and replenishment of PAR Inventory locations, intraunit transfers, and other commonly used inventory functions. The applications also allow data capture of lots, serial numbers, GTIN, and other required industry-specific inventory attributes.

In hospitals and distribution warehouses, where mobility is desirable but implementing a full warehouse management system is not feasible or cost effective, the PeopleSoft Mobile Inventory Management application provides a rapidly deployable supply chain execution solution.

The solution enables real-time, mobile, connected entry options to reduce errors and increase user productivity wherever users perform materials management transactions.

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



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Hardware and Software, Engineered to Work Together

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