ORACLE DATA SHEET

Oracle Mobile Supply Chain Applications

ORACLE 12 E-BUSINESS SUITE

ORACLE MOBILE SUPPLY CHAIN APPLICATIONS

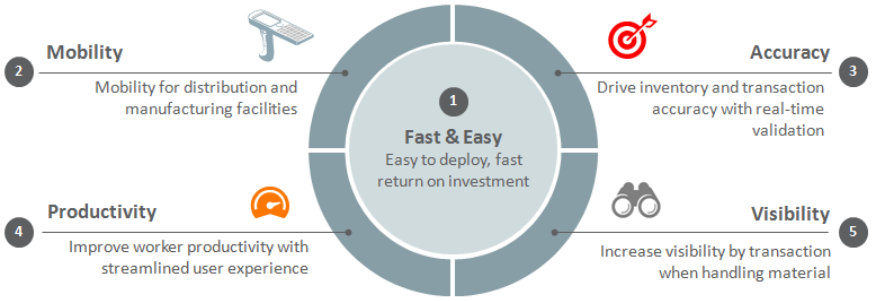
KEY BENEFITS

- Increase labor productivity
- Improve inventory accuracy
- Raise shipment accuracy

KEY FEATURES

- Real- time, RF-based, device-agnostic mobile transaction user interfaces
- Supports Android and iOS
- Reduced data entry errors through label printing and barcode scanning
- Support for transactions and inquiries in receiving, inventory, shipping, discrete manufacturing & quality, process manufacturing, and maintenance
- Character and graphical mobile user interface
- Mobile personalization to change field labels, action labels, hide fields, default fields, make fields required, etc…
- Robust barcode formats supported including 2D, concatenated barcodes, and out-of-order scanning
- Print & Scan industry standard product barcodes: EAN-8, EAN-13, UPC, EAN/UCC-14

Oracle® Mobile Supply Chain Applications (MSCA) enable automated mobile user operations. These operations are supported on ruggedized handheld and vehicle-mounted radio frequency (RF) devices for harsh environments as well as smartphones and tablets for less demanding operations. The use of mobile devices results in improved data accuracy, better speed, and increased convenience, which streamlines business processes and increases efficiency. Oracle MSCA is part of the EBS Supply Chain family of products, an integrated suite that streamlines design, planning, manufacturing, maintenance, procurement, inventory management, and fulfillment.



Deploy Quickly, Easily on Almost any Device

Oracle MSCA is device agnostic when it comes to deployment. This is an important capability given that a company may have multiple models and multiple operating systems to support and upgrade. MSCA is supported on a PC, laptop or any device that can run a standard Telnet client. It can be run on industrial-strength devices with integrated bar code scanners, or it can be run natively on smartphones and tablets. Oracle has leveraged standard technologies to create a device independent platform. The architecture supports all the standard barcode encoding formats, including 2D, and embedded data field identifiers.

Improve Visibility, Productivity and Accuracy

With Oracle Mobile Supply Chain Applications you can:

- Improve Inventory Accuracy
- Increase Labor Productivity
- Support Mobile Execution of Distribution, Manufacturing, and Maintenance Processes

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ORACLE MOBILE SUPPLY CHAIN APPLICATIONS

RELATED PRODUCTS

For more information on related applications, please see product announcements and data sheets on the following:

- Oracle Inventory Management
- Oracle Warehouse Management
- Oracle Yard Management
- Oracle Procurement
- Oracle Order Management
- Oracle Discrete Manufacturing
- Oracle Process Manufacturing
- Oracle Enterprise Asset Management
- Oracle Complex Maintenance, Repair & Overhaul
- Oracle Quality

Improve Inventory Accuracy

Reduce Data Entry Errors with Bar-Code scanning

Using bar code scanning to record transaction data instead of manual data entry improves data accuracy and reduces data entry time. Mobile devices increase productivity through real time data entry, streamlined data capture activities, additional data validation, and enhanced process automation, which increases throughput and decreases cycle-times.

Improve Transaction Accuracy with Real-Time Data Validation

Inventory accuracy is improved two-fold through the reduction in data entry errors as well as the capability to identify inventory inaccuracies faster. Inventory management processes such as cycle counting are more efficient when performed with real-time information. The benefits of improved inventory accuracy include increased customer satisfaction through higher fill rates and guaranteed delivery, and improved supply chain planning to optimize production and distribution plans.

Reduce Latency using Mobile Devices

Mobile devices allow users to enter transactions and perform queries in real-time at the point of use. Transaction validation takes place online, identifying invalid data immediately. Real-time inventory information improves quality of supply chain collaboration, enables more accurate fulfillment of customer orders, and optimizes manufacturing and warehouse scheduling of activities and resources. Users have access to current and accurate information for resolution of exceptions.

Increase Labor Productivity

Accelerate Data Entry using Mobile Devices

In combination with bar code scanning, data entry using mobile applications enables more efficient use of time, improved time-motion, and an ability to perform validation and corrections online in real time. The user also has access to all necessary information, such as inventory availability, process exceptions, and alerts without having to change stations or find a PC. Users may complete distribution, manufacturing and quality transactions from anywhere inside or outside the plant. One mobile device can replace several desktop PCs. Mobile devices may be assigned to users—significantly reducing dependencies on bulky desktop PCs.

Simplify Transaction Entry with Mobile User Interface

Oracle MSCA allows users to tailor what they want to view; how they want to view it; and what information is required to complete a transaction. Oracle MSCA supports personalization which allows mobile forms to be tailored to each user and specified task (e.g. picking, cycle counting, shipping). This simplifies the data entry requirements by task and work profile. Also, continuous improvement efforts can be incorporated into mobile user interface to reflect efficiency gains.

Reduce Travel Time with Automatic Label Generation

Oracle MSCA also has the capability to trigger printing of labels from the mobile console or through an action on the console which completes a business event. This further optimizes the travel criteria used for task management within warehouses and factories. For outbound operations all the necessary shipping information is also gathered and also printed, if assemble to order or flow manufacturing business processes are used.

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- Oracle Quality

Support Mobile Execution of Distribution, Manufacturing, and Maintenance Processes

Since Oracle MSCA is built into the Oracle E-Business Suite, it leverages the business processes already established in Oracle Receiving, Inventory Management, Shipping Execution, Discrete Manufacturing and Quality, Oracle Process Manufacturing, and Enterprise Asset Management. Oracle MSCA provides an alternate, execution-based user interface that does not add further complexity or overhead to those processes. Therefore, upon hardware and labeling implementation, users can have a choice of user interface in which to perform their transactions. Oracle MSCA offers an alternative mobile user interface for all core supply chain execution functions.

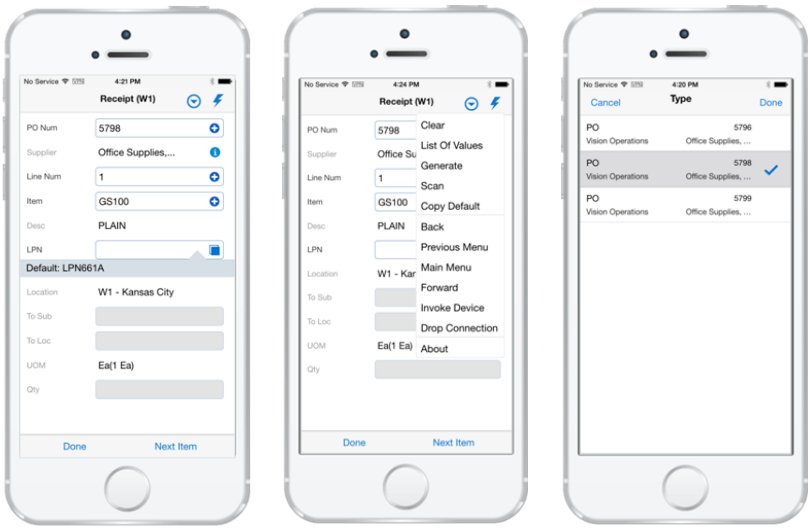

Figure 2: Support for both iOS and Android

Inbound Logistics

Oracle MSCA provides execution based mobile user interfaces to receive purchase orders, RMAs, internal requisitions and in-transit shipments. Automatic label generation can be initiated at receipt as required. Shortage messages can be presented to receivers to enable opportunistic cross docking as determined in Oracle Inventory. Oracle MSCA updates Oracle Receiving and Inventory in real-time with the receipt status and provides inspection and delivery transactions to complete the inbound logistics flow.

Inventory Control

Oracle MSCA provides inventory balance inquiries, adjustments (miscellaneous transactions), cycle counting, physical inventory, replenishment (kanban, PAR counting and min-max based), inter and intra organization transfers and other commonly used inventory functions. Oracle MSCA allows data capture of lots, serials, revisions and other inventory attributes as required.

Mixed Mode Manufacturing

Oracle MSCA provides execution for both Oracle Discrete Manufacturing and Oracle Process Manufacturing. Discrete Manufacturing users can perform job status inquiries, material transactions, resource transactions, scrap and job completions. Process manufacturing users can perform batch allocations, material transactions, and resource transactions. Component/Raw Ingredient picking is provided in both manufacturing modes.

RELATED SERVICES

The following services support Oracle Mobile Supply Chain Applications:

- Update Subscription Services
- Product Support Services
- Professional Services
- Oracle E-Business Suite Accelerators
- Oracle Application Solution Centers
- Oracle University
- Oracle Consulting

Asset Maintenance

Oracle MSCA provides material transactions for maintenance work orders created in Oracle Enterprise Asset Management (EAM) or Oracle Complex Maintenance, Repair and Overhaul (CMRO), enabling use of mobile, WiFi based data entry in repair facilities where mobility is required.

Order Fulfillment

Oracle MSCA provides order picking, labeling and shipping support for Orders created in Oracle Order Management. As orders are picked and shipped in Oracle MSCA, real time updates are provided to Oracle Inventory, Shipping Execution and Order Management.

Conclusion

Oracle Mobile Supply Chain Applications provide a rapidly deployable supply chain execution solution that enables real-time, mobile data entry that reduces latency, improves accuracy and increases user productivity wherever materials management transactions are performed. It is the right-sized solution for stock rooms, distribution centers, manufacturing plants, and service depots where mobility is desirable but a full-blown warehouse management system is not required.

Oracle E-Business Suite: The Complete Solution

Oracle E-Business Suite enables companies to efficiently manage customer processes, manufacture products, ship orders, collect payments, and more—all from applications that are built on unified information architecture. This information architecture provides a single definition of your customers, suppliers, employees, and products—all important aspects of your business. Whether you implement one module or the entire Suite, Oracle E-Business Suite enables you to share unified information across the enterprise so you can make smarter decisions with better information.

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Hardware and Software, Engineered to Work Together