

# ORACLE INVENTORY MANAGEMENT CLOUD



Intelligent inventory management is crucial to the success of your company. Effectively managing inventory balances, movement, and turnover impacts your bottom line, and a good inventory management strategy saves you time and money. Oracle Inventory Management Cloud is a complete, modern materials management solution that can help you effectively manage the flow of goods across your business organizations. Use this true cloud solution for clear, accurate, real-time inventory balance visibility, efficient warehouse organization, rapid material movement, improved efficiency and productivity, optimized transportation plans, and ultimately satisfied, returning customers.

Oracle Inventory Management Cloud is a broad suite of products that includes Inventory Cloud, Cost Management Cloud, Financial Orchestration Cloud and Supply Chain Orchestration Cloud. Together these solutions form a complete physical and financial materials management core of the supply chain supporting Ideate-to-Commercialize, Plan-to-Produce, Source-to-Settle, Order-to-Cash, and Plan-to-Maintain integrated business flows.

## KEY BUSINESS BENEFITS

- Increase global inventory visibility
- Reduce costs, inventory levels, and cycle times
- Reduce fulfillment cost of on-time fulfillment using partner capabilities
- Gain better insight into product costs and margins
- Manage with greater flexibility the trade between internal parties
- Optimize the flow of goods with configurable supply orchestration
- Improve warehouse efficiency and control cost with consistent fulfillment processes
- Empower employees with easy-to-use visuals, notifications, social networking, and self-service features

## A Complete Materials Management Solution in the Cloud

Use Oracle Inventory Cloud to efficiently manage the flow of goods: inbound, within the warehouse, and outbound; Oracle Cost Management Cloud for superior cost capture, tracking, and analysis; Oracle Supply Chain Orchestration Cloud to manage complex supply and fulfillment scenarios; and Oracle Supply Chain Financial Orchestration to automate financial flow execution for internal trade independent of physical material movement.

As part of the larger Oracle SCM and ERP Cloud solutions, you can optimize the flow of goods throughout your organization and efficiently manage your global inventory. Whether you are a small company or a global organization, grow your company and your bottom line with automated, cost-effective, and flexible materials management. Oracle Inventory Management Cloud offers flexible, full-suite solutions with materials management, advanced fulfillment, costing, and financial trade management solutions designed to automate, streamline, and control inventory movement in the complex world of global trade. Manage complex demand and supply scenarios, optimize transportation plans and freight costs, automate efficient cost processes, improve international trade processes, and automate internal orders end-to-end without expensive hardware and system management overhead costs.

**KEY FEATURES**

- Proactively manage inbound, on-hand, and outbound operations
- Improve productivity with modern user interfaces and key performance indicators
- Quickly view and take action at a glance
- Incorporate social networking communication
- Lower transportation costs with integrated transportation management
- Leverage your business with end-to-end supplier consigned inventory
- Automate with advanced fulfillment processes
- Extend with specialized third party providers
- Grow with internal and external manufacturing support
- Improve efficiency with standard and configured product support
- Manage product costs with advanced costing capabilities
- Avoid costly errors and verify global trade compliance

**Comprehensive Materials Management Visibility and Control**

Effectively manage your inventory from receipt through the point of consumption in stock rooms, warehouses, manufacturing plants and across your organization using modern user interfaces, key performance indicators (KPIs), and analytical reporting, and create your own KPIs and reports using the Oracle framework. Use social networking tools and notifications to collaborate with other areas of your business, to keep your employees informed, and to notify them of required actions.

Use the streamlined SCM Cloud home experience to access the centralized inventory landing page and proactively monitor your material stocking activities through the Inventory Management key performance indicator (KPI) infolets.



Figure 1 – SCM Cloud Home Experience and Inventory Management Infolets

Quickly and easily view tasks requiring immediate attention and quickly view or initiate materials management activities within and across your facilities. At a glance, view balances, easily monitor and manage different material statuses, track lots and serial numbers, and manage proper stocking and handling of different types of materials. With one click through the KPI infolet, initiate stock issues, receipts, counts, and transfers of material within and across facilities.

Simplify classification of materials with a variety of ABC valuation methods allowing for effective counting of different types of materials. Easily identify problem products or handling in your facilities using flexible approvals and controls.

Avoid costly delays with the robust min-max planning capabilities to replenish from your suppliers, manufacturing plants, other internal organizations, or from bulk stocking locations.

Reduce your overall inventory cost by consigning inventory from your suppliers and only pay for the inventory you use. The added complexity and overhead of managing ownership and payment in your procure-to-pay process is easily managed with Oracle Inventory Management Cloud. You have wide-range visibility of materials consigned internally from your suppliers and externally to your suppliers. Notify your suppliers as you consume goods and material via multiple communication methods. Consign goods from multiple suppliers and return “owned” goods to consigned locations in your facility

or return goods back to the supplier.

All material transactions are recorded for visibility and reporting as well as updating lot/serial genealogy and the asset in Oracle Installed Base Cloud.

As in all areas of Oracle Inventory Management Cloud, partner or custom solutions can be utilized and communicate count results and inventory transactions via web-services or spreadsheet/flat file upload.

**KEY FEATURES**

- Improve operational efficiency with standard processes
- Coordinate picking, shipping, and transportation
- Enable full visibility and stay connected with third party providers
- Empower employees with self-service requisitions to purchase or transfer material
- Reduce inventory and costs with Internal Material Transfers
- Create material transfers from requisitions
- Automatically initiate internal transfers or other supply documents

**OTHER INVENTORY MANAGEMENT CLOUD SOLUTIONS:**

**Oracle Cost Management Cloud**

Innovative, flexible, and comprehensive costing

**Oracle Financial Orchestration Cloud**

Flexible financial flow control for internal trade

**Oracle Supply Chain Orchestration Cloud**

Orchestrate complex fulfillment and supply flows

**The Perfect Order: Simple and Advanced Fulfillment**

Whether you are fulfilling orders to customers from Oracle Order Management Cloud or for internal material requests within your organization, Oracle Inventory Management Cloud provides efficient tools to intuitively and effectively manage your fulfillment operations. Improve your operations when reserving stock, flexibly releasing requests to the stockroom or warehouse, or when picking based upon configurable rules designed to optimize the flow of materials to staging, packing and shipping orders.

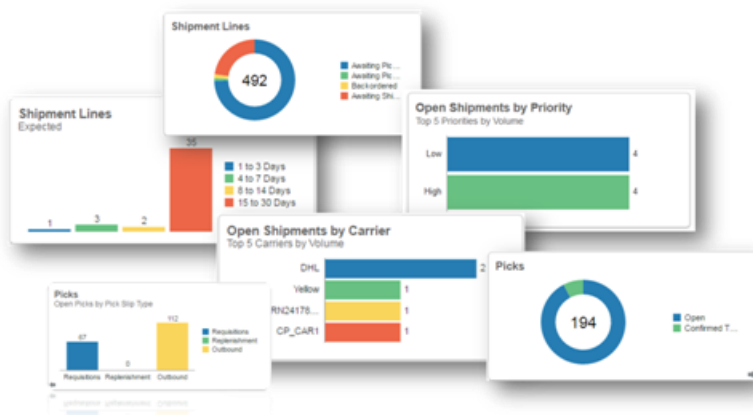


Figure 2 - Fulfillment Infolets

Leverage the combined power of Oracle Supply Chain Orchestration and Inventory Management Cloud to manage advanced fulfillment scenarios such as drop shipping directly from your supplier to you customer, or back-to-back fulfillment which pegs incoming purchased, made, or transferred supply to customer orders, and improve the efficiency and carrying costs of your materials management operations.

Internal requests for materials come in many forms. They are used to optimally move materials around your distribution network based upon advanced supply planning, simple automated min-max replenishment, back-to-back supply requests or ad-hoc requests from internal users and materials management professionals. To satisfy all of these different requests, Internal Material Transfers (IMTs) utilize execution rules to determine whether the transfer is an Inventory Transfer Order or a Procurement Purchase Order to buy/sell between internal organizations.

Transfer Orders are a single, streamlined document to manage both demand in the source location and supply in the destination. They support intra-organization, inter-organization, or inter-company transfers and leverage the same flexible, fully-functional

flow of your standard order fulfillment, receiving, and returns processes. They support scenarios where goods are stocked in the destination and may be used to fulfill other requests or are expensed when they are being utilized directly within your organization.

Materials management organizations reach peak performance with planning, communication, and consistent processes. Use the same flexible, fulfillment processes that you use to fulfill standard customer orders for internal material for regular or configured-to-order inventory.

When you want to manage your own transportation, Oracle Inventory Management Cloud fulfillment flows are optimized to work with Oracle Transportation Management Cloud to execute fulfillment based upon optimized transportation plans. Save time and money with both your operations workforce and transportation when releasing, picking and shipping by transportation load, carrier, priority, customer, date, type of order, and more. Alternatively, Oracle Inventory Cloud supports packing and confirming your own shipments utilizing manifesting systems.

Verify compliance with global trade regulations and avoid costly shipping delays and penalties by screening and validating shipments before you ship by leveraging Oracle Global Trade Management Cloud.

Customer orders and internal requests are not the only types of fulfillment requests. Oracle Inventory Management Cloud also supports returning goods to suppliers as well as shipping goods to outside service providers (OSPs) to perform maintenance or manufacturing based services.

As in all areas of Oracle Inventory Management Cloud, partner or custom solutions can be utilized to communicate picks or shipments via web-services or spreadsheet/flat file upload.

## Get What You Need: Efficient Inbound Operations

Whether you are receiving shipments from suppliers, outside service providers, other facilities or customers, Oracle Inventory Management Cloud gives you visibility to inbound shipments and configurable rules to receive, inspect and put away goods once received.

Intuitive infolets give you a quick overview of all of your inbound operations. From there, you can drill into late shipments, those received but not yet inspected, or putaway.



Figure 3 - Receiving Infolets

Suppliers can send advanced shipment notifications (ASNs) or advanced shipment billing notifications (ASBNs) via B2B or other electronic means, or enter them directly in the Supplier Portal.

Your receiving agents can quickly receive any type of shipment and record pertinent information. Enforce policies and agreements with configurable controls such as date and quantity tolerances but stay flexible with receipt routings to allow for 1, 2 or 3 step receiving. Do simple receipt inspection or use a more comprehensive quality inspection via Oracle Quality Management Cloud to capture issues as they occur and guide users through the corrective and preventative action process. Warehouse Operators can then pick up goods in the receiving or inspection areas and put them away in the warehouse or deliver to their final destination. The receiving process immediately updates source documents such as purchase orders, transfer orders or work orders for real-time, up-to-date inquiries and KPIs across your organization.

When things do not go as planned, Oracle Inventory Management Cloud makes it easy to resolve receiving issues. Use Oracle Social Network to collaborate with buyers, managers, other facilities or production managers to resolve the issues. Capture receipts with no source document or reject, correct or return goods throughout the receiving process.

As in all areas of Oracle Inventory Management Cloud, partner or custom solutions can be utilized to communicate receipts, inspections, corrections or returns via web-services or spreadsheet/flat file upload.

### Advanced and/or Extended Inventory Operations



Figure 4 - Warehouse Execution Integration Capabilities

When you need more sophisticated warehouse operations, Oracle Inventory Management Cloud offers capabilities to integrate to Oracle Warehouse Management Cloud or other warehouse management systems.

Modern supply chain operations often contract with other parties to leverage third party expertise and save on operational costs. Oracle Inventory Management provides tools to enable full visibility and control of warehousing operations managed by third parties such as third-party logistics (3PL) providers that are managing your warehouse operations, or contract manufacturers that are managing production of goods for you.

These tools give you full visibility to material operations and inventory levels just as you would for your own facilities.

When married with specialty third party systems, Oracle Inventory Management Cloud naturally transforms from the execution system to the “inventory hub”, communicating shipping and receiving requests, and receiving back confirmations and other inventory transactions. This provides consistent visibility and reporting in Oracle Inventory Management Cloud across all of your facilities and seamless integration back to all of the Oracle SCM and ERP systems.

### Manage Global Inter Company Transactions

Automate the financial flow execution for internal trade between parties independently from the physical movement of goods and fulfillment of services with Oracle Supply Chain Financial Orchestration. This configurable application manages all the financial relationships resulting from trade between internal parties. The framework provides modeling of flexible financial flows that define the parties involved, the nature of trade relationships and business rules for documentation and accounting. Model and automate multiple ownership changes for a single movement of goods so that you can account for supply chain functions that are centralized without sacrificing supply chain speed. In addition, the framework supports the ability to define and configure transfer pricing rules with markups and markdowns, or can integrate to Pricing to support complex pricing rules. There is a dedicated work area for the supply chain controller to monitor execution and manage exceptions.

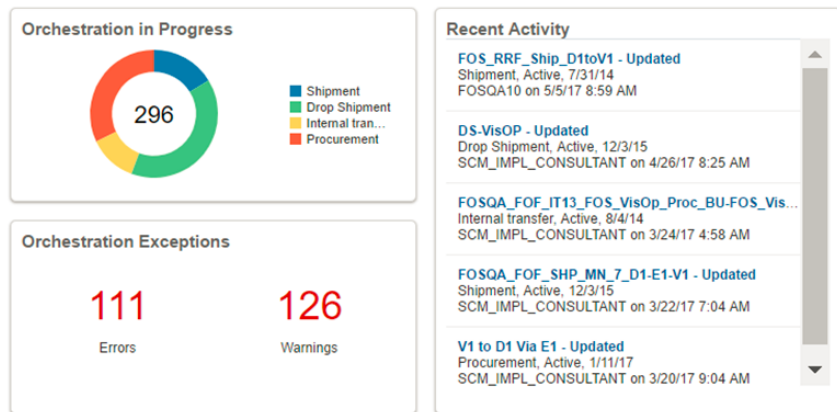



Figure 5 – Supply Chain Financial Orchestration Infolets



Contact us


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

Connect with us

 [blogs.oracle.com/oracle](http://blogs.oracle.com/oracle)

 [facebook.com/oracle](http://facebook.com/oracle)

 [twitter.com/oracle](http://twitter.com/oracle)

 [oracle.com](http://oracle.com)

## Integrated Cloud Applications & Platform Services

Copyright © 2017, Oracle and/or its affiliates. All rights reserved. This document is provided for information purposes only, and the contents hereof are subject to change without notice. This document is not warranted to be error-free, nor subject to any other warranties or conditions, whether expressed orally or implied in law, including implied warranties and conditions of merchantability or fitness for a particular purpose. We specifically disclaim any liability with respect to this document, and no contractual obligations are formed either directly or indirectly by this document. This document may not be reproduced or transmitted in any form or by any means, electronic or mechanical, for any purpose, without our prior written permission.

Oracle and Java are registered trademarks of Oracle and/or its affiliates. Other names may be trademarks of their respective owners.

Intel and Intel Xeon are trademarks or registered trademarks of Intel Corporation. All SPARC trademarks are used under license and are trademarks or registered trademarks of SPARC International, Inc. AMD, Opteron, the AMD logo, and the AMD Opteron logo are trademarks or registered trademarks of Advanced Micro Devices. UNIX is a registered trademark of The Open Group. 0617

