

JD Edwards EnterpriseOne Inventory Management

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JD EDWARDS ENTERPRISEONE

KEY FEATURES

- Integrate inventory information for end- to-end visibility
- Easily support unique requirements by location and customer
- Quickly adapt inventory management to business needs
- Cross-docking capabilities
- Complete lot control
- Support variable product types, including bulk and liquid, raw material and components, and finished and packaged goods
- Support multiple facilities and locations
- Permit multiple units of measure processing and dual units of measure
- Complete tag supply and demand analysis
- Calculate landed cost count
- Support EDI electronic commerce
- UCC 128 Compliance
- Speed location maintenance
- Mobile applications

FEATURE/FUNCTION HIGHLIGHTS

The Issue: Accurately Tracking a Moving Target

Time-based competition is shifting emphasis from managing on-site physical inventory to managing information about inventory anywhere in the supply chain. If your inventory includes only a few items that come in a single unit of measure, it is fairly simple to maintain end-to-end visibility. But when hundreds and thousands of items are managed in different pack sizes over multiple facilities, the task is more complicated. Some items may be lot-controlled, serialized, or managed in a number of different container sizes. Others may have different replenishment strategies or require special handling or inspection processes.

Adding to the complication are disparate systems, outsourced operations, and increasingly complex supply chains in which inventory details are often dispersed across several channels. Having a comprehensive, integrated inventory management system, with the flexibility to support unique capabilities by facility or location, is essential for efficient management of inventory anywhere in the supply network.

The Solution: End-to-End Visibility of Inventory

Oracle's JD Edwards EnterpriseOne Inventory Management provides pinpoint accuracy of product quantities and locations and instant access to item availability information—both within the facility and throughout the enterprise. You can also administer consignment sites and vendor-managed inventories from a single database. Inventory Management offers complete tracking of inventory from the time you receive items from the vendor to the instant you ship the goods to your customer. By extending beyond the immediate supply chain, you can also track shipped items for the purposes of returns and warranties.

Superior Flexibility to Match Inventory System to Business Needs

Multiple item numbers, multi-attribute items, and extensive item cross-referencing capabilities to customer and vendor part numbers provide faster access to the inventory information you need. You can assign grades or potencies to material lot numbers and trace lots to a final product and customer or back to a purchase order to identify

- User-defined location format
- Kits and components
- Country of origin tracking
- Extensive item costing options
- Detailed transaction ledger
- Container management
- Item cross-reference capability
- Issues, adjustments, transfers
- Cycle count
- Global location number
- Multi-attribute items
- Comprehensive pricing information
- Date range, percentage, or amount
- Future cost conversion
- ABC analysis
- User-defined availability
- Advanced commitment logic
- Global updates

production runs with a customer or supplier.

You select the method for calculating material on hand, based on your manufacturing or distribution environment. You have the option to consume work-in-process material by using manual issues, by back flushing (at completion or at pay points), by pre-flushing, or as floor stock. Based on the parameters you define, all issue methods will provide real-time availability updates.

Inventory Management enables individualized item definitions with free-form item descriptions, replenishment methods, and special handling instructions. Multiple units of measure provide the ability to purchase, stock, ship, and price according to your unique needs. In addition, the ability to capture and track dual units of measure is provided. Therefore, you can track separate item quantities that have no standard conversion. For example, you can track the number of units of an item and the actual weight. You can use complex pricing and costing matrices, user-defined product availability calculations, and full traceability of lot-controlled and serialized items.

The lot control features provide visibility into key milestones of a product's life cycle at the lot level. For example, you can view the date the lot was received into inventory, the dates that key ingredients were mixed together, the required retesting dates, and the lot expiration date. This visibility enables warehouse personnel to take appropriate action to protect against product waste and to maximize usage.

Added Value through Integration

Integration with other JD Edwards EnterpriseOne Supply Chain Management modules enables real-time balancing of supply and demand. You can view all demand factors, including sales orders, transfers, work orders, and forecasts, as well as all sources of supply, including purchase orders, demand scheduling orders, work order completions, issues, and adjustments. In addition, Inventory Management provides critical, up-to-the-minute item status information to JD Edwards EnterpriseOne Demand Forecasting. This information provides the basis for linking the strategic, tactical, and operational levels of the supply chain—from sourcing through manufacturing and distribution.

Through integration, you can analyze time-phased inventory displays from both supply and demand points of view. Cross-docking enables you to designate inbound quantities, either from a vendor or from the shop floor, to fulfill specific customer demand. With JD Edwards EnterpriseOne Warehouse Management, instead of putting items away on the shelf, the system can direct you to move them immediately to the shipping dock—reducing labor and storage costs and increasing fulfillment rates. Integration with the JD Edwards Mobile applications provides users real-time insight into sales orders, item availability, and item base pricing information.

JD Edwards EnterpriseOne Apparel/Attribute Management along with Product Variants (via a smaller functional scale) provides simple and effective inventory management capabilities for multi-attribute items. Multi-attribute items are those items that support several attributes such as color, size, or style. For example, a T-shirt may be available in different colors and sizes. Or, steel could be available in different lengths and weights. After setting up a parent multi-attribute item, the system will automatically generate multiple combinations of assigned attributes as child multi-attribute items, thereby drastically reducing the amount of setup time required. The item availability matrix inquiry enables you to view the on-hand quantities for all multi-attribute items quickly

and effectively.

Solution Integration

This module is designed to be integrated with the following JD Edwards EnterpriseOne products and families across your operations using common tools and a Pure Internet Architecture:

- JD Edwards EnterpriseOne Apparel/Attribute Management
- JD Edwards EnterpriseOne Customer Relationship Management
- JD Edwards EnterpriseOne Manufacturing
- JD Edwards EnterpriseOne Mobile Applications
- JD Edwards EnterpriseOne One View Reporting for Inventory
- JD Edwards EnterpriseOne Order Management
- JD Edwards EnterpriseOne Supply Chain Execution (Logistics)
- JD Edwards EnterpriseOne Supply Chain Planning
- JD Edwards EnterpriseOne Supply Management (Procurement)

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