

# JD EDWARDS ENTERPRISEONE INVENTORY MANAGEMENT



## KEY BENEFITS

- Integrate inventory information for end-to-end visibility
- Easily support unique requirements by location and customer
- Quickly adapt inventory management to business needs

## 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's fairly simple to maintain end-to-end visibility. But where hundreds and thousands of items are managed in all kinds of pack sizes over multiple facilities, the task is much 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 confusion 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 allows for pinpoint accuracy of product quantities and locations and instant access to item availability information—both within the facility and throughout the enterprise. You also gain the ability to 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 Your Inventory System to Your Business Requirements

Multiple item numbers and extensive item cross-referencing capabilities to customer and vendor part numbers speed access to the inventory information you need. You can assign grades/potencies to material lot numbers and trace lots to a final product and customer or back to a purchase order to identify 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 backflushing (at completion or at pay points), by preflushing, or as floor stock. Based on the parameters you define, all issue methods will provide real-time availability updates.

Inventory Management offers inventory visibility in the form of storage expenses,

excess quantities, and lost sales. It 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. That means that you can track separate item quantities that have no standard conversion. For example, you can track the number of eaches 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 enhanced 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 allows warehouse personnel to take appropriate action to ensure against product waste and 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, 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 allows 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 those 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.

JD Edwards EnterpriseOne Product Variants provides a solution for multi-attribute items that allows simple and effective inventory management. Multi-attribute items are those items that have the same item number but have “attributes” that can vary.

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 item, the system will automatically generate multiple combinations of attributes as child items, drastically reducing the amount of setup time required. The item availability inquiry allows you to view the on-hand quantities for all combinations on a single screen.

### Feature/Function Highlights

- User-defined location format
- Variable product types:
  - Bulk and liquid
  - Raw material and components
  - Finished and packaged goods
- Multiple facilities and locations
- Multiple units of measure processing
- Dual units of measure
- Issues, adjustments, transfers
- Cycle count
- Tag Supply and demand analysis
- Landed cost count
- EDI electronic commerce
- UCC 128 compliant
- Speed location maintenance
- Kits and components
- Lot control
- Cross-docking
- Product variants
- Extensive item costing options
- Detailed transaction ledger
- Container management
- Item cross-reference capability
- Comprehensive pricing information:
  - Date range, percentage, or amount
  - Future cost conversion
- ABC analysis
- User-defined availability
- Advanced commitment logic
- Global updates

### Solution Integration

- JD Edwards EnterpriseOne Customer Relationship Management
- JD Edwards EnterpriseOne Supply Chain Analytics
- JD Edwards EnterpriseOne Supply Chain Management
  - Customer Order Management suite
  - Manufacturing suite
  - Logistics suite
  - Supply Chain Planning suite
- JD Edwards EnterpriseOne Supply Management

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