

JD EDWARDS ENTERPRISEONE BULK STOCK INVENTORY



KEY FEATURES

- Pinpoint amount of available product by lot and location
- Ensure accuracy of measurements and conversions
- Tailor reporting to regulatory and company needs
- Manage exchanged, commingled, and consigned bulk stocks
- Control the storage and movement of liquids at varying temperatures
- Automatically calculate the weight and volume for each bulk transaction
- Perform volume and density conversions to any base temperature
- Track inventory balances for each product

Your bulk stock inventory is unique. Changes occur as temperatures fluctuate and blends are executed. And you want access to bulk stock inventory data across your enterprise. The management of bulk stock across your supply chain – from blending to sales – is complex. With Bulk Stock Inventory from Oracle's JD Edwards EnterpriseOne you simplify bulk stock management across your enterprise with real-time pre-built integration.

The Issue: Accurate Tracking of Volatile Inventory

Everyone's bulk stock inventory is unique. It can expand and contract with changes in temperature. It is bought and sold in a variety of measurements. Over time, its molecular composition can change. And, when products are blended, one plus one doesn't necessarily equal two. That is why controlling the storage, measurement, and movement of bulk inventory is a complex supply chain issue. You need a solution that can effectively manage high-volume bulk inventory transactions — from original purchase through blending, storage, packaging, and sale.

The Solution: Full-Range Bulk Stock Management

Oracle's JD Edwards EnterpriseOne Bulk Stock Inventory is specifically constructed to handle the full range of bulk product supply and demand complexities — all from a single transaction window. You track changes to volatile inventory with the following capabilities.

Automated Conversion to Standard Volume

You automatically correct for the impact of changes to temperature and density/gravity with a system conversion to standard volume based on product- and industry-specific algorithms for both domestic and international markets. You tailor flexible reporting options to convert industry-standard quantities to a company standard you define for financial and regulatory reporting.

Accurate Tracking of Stock Movements

You control all types of product movement, including intradepot stock movements such as tank-to-tank transfers, re-brands, decanting, blending, and filling. With each transaction, stock is converted to standard quantities, and any gains or losses that might have occurred are recorded.

Based on criteria you define, automatic system alerts signal the need for cleaning

when the product in a tank is changed and warn you of prohibited product storage due to incompatibility with the previous product stored.

Throughput Reconciliation

You can compare confirmed sales figures and other metered outgoing transactions for a given period with the metered throughput at the point of reconciliation. The comparison identifies discrepancies due to entry errors, theft, leakage, or faulty meters. An operational reconciliation measures and compares the physical inventory levels with the book inventory levels so that any differences can be reconciled and operational gains or losses can be recorded.

Integrated Problem Solving

By integrating with your existing data sources, JD Edwards EnterpriseOne Bulk Stock Inventory enables you to pinpoint the location and amount of each product available for consumption, sale, or use in manufacturing. You are able to:

- Manage exchanged, commingled, and consigned bulk stocks in a tank on an owner-by-owner basis.
- Control the storage and movement of liquids at varying temperatures from one container to another.
- Automatically calculate the weight and volume for each bulk transaction (such as sale, receipt, and movement) and for each container by using your choice of tank strapping data, meter readings, or weighbridge information.
- Perform volume and density conversions to any base temperature by using international standard algorithms.
- Track inventory balances for each product in various units of measure and show the details of the transactions that create the balance.

Bottom line — Bulk Stock Inventory for JD Edwards EnterpriseOne provides you with flexible reconciliation capabilities to pinpoint inventory gains and losses before they become significant. Inventory management tools enable you to adjust those levels and automatically record the resulting data in the inventory and financial accounts you designate. And, because our solution is a comprehensive system that integrates with sales, purchasing, and business financials applications, you can improve customer service along with your inventory accounting.

Feature/Function Highlights

- Single-window control of all inventory transactions
- Edits for not-pump capable and low stocks
- Online throughput reconciliation
- Duty paid/unpaid stock
- Online operational reconciliation
- Tank structural information
- Online tank stock status
- Tank strapping tables
- Gain/loss analysis
- Default tank information
- Four-point analysis
- Meter master information

- Edits for incompatible products
- Commingled stocks
- LPG volume/weight calculations
- Access to all calculated quantities
- Country of Origin Tracking
- Conversions/calculations
- On-demand transaction reporting
- Consignment stock
- Bulk and package product control
- Lot Assignment of Bulk Items

Solution Integration

This module is integrated with these JD Edwards EnterpriseOne products and families across your operations using common tools and a Pure Internet Architecture:

- JD Edwards EnterpriseOne Financial Management
- JD Edwards EnterpriseOne Order Management
 - Advanced Pricing
 - Agreement Management
 - Sales Order Management
- JD Edwards EnterpriseOne Manufacturing
 - Manufacturing – Shop Floor
- JD Edwards EnterpriseOne Supply Chain Execution (Logistics)
 - Advanced Stock Valuation
 - Inventory Management
 - Transportation Management
- JD Edwards EnterpriseOne Supply Management (Procurement)
- JD Edwards EnterpriseOne One View Reporting for Inventory

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