

# JD EDWARDS ENTERPRISEONE BULK STOCK INVENTORY

**ORACLE®**

JD EDWARDS ENTERPRISEONE

## KEY BENEFITS

- Pinpoint exact location and amount of available product
- Ensure accuracy of measurements and conversions
- Tailor reporting to regulatory and company needs

## 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 can easily track changes to volatile inventory with the following capabilities.

### Automated Conversion to Standard Volume

You can 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 are also able to tailor the flexible reporting options to convert industry-standard quantities to a company standard that 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 — JD Edwards EnterpriseOne Bulk Stock Inventory 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
- Online throughput reconciliation
- Online operational reconciliation
- Online tank stock status
- Gain/loss analysis
- Four-point analysis
- Edits for incompatible products
- Commingled stocks
- LPG volume/weight calculations
- Access to all calculated quantities
- Edits for not-pump capable and low stocks
- Duty paid/unpaid stock
- Tank structural information
- Tank strapping tables
- Default tank information
- Meter master information
- Conversions/calculations
- On-demand transaction reporting
- Consignment stock
- Bulk and package product control

## Solution Integration

- JD Edwards EnterpriseOne Supply Chain Management
  - Advanced Pricing module
  - Advanced Stock Valuation module
  - Agreement Management module
  - Inventory Management module
  - Manufacturing - Shop Floor module
  - Sales Order Management module
  - Transportation Management module
- JD Edwards EnterpriseOne Financial Management
  - General Accounting module

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