

# JD EDWARDS WORLD BULK STOCK MANAGEMENT



*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**

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 Management**

Oracle's JD Edwards World Bulk Stock Management specifically constructed to handle bulk product supply and demand -- all from a single transaction easily track changes to volatile 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, Bulk Stock Management 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 Management 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.

### **A Strategic Partner for Your Long-Term Needs**

A solution is only as good as the company that stands behind it. That is why we are committed to innovation, superior value, and customer satisfaction. Our singular goal is to help make you stronger, enabling you to solve your most important business challenges. We make you stronger by dedicating ourselves to continually enhancing the value of our solutions, not only with software research and development but also with superior consulting, education, and training support. As your long-term business partner, we will work with you to help ensure that our solutions grow and change with your business—making your technology investment an asset that increases in value over time.

### **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.
- LPG volume and weight calculations.
- Access to all calculated quantities.
- Bulk and package product control.

- Edits for incompatible products.
- Commingled stocks.
- Duty paid/unpaid stock. .
- Edits for unpumpable and low stocks.
- Tank structural information.
- Tank strapping tables.
- Default tank information.
- Meter master information.
- Conversions/calculations.
- On-demand transaction reporting.
- Consignment stock.
- Solution Integration
- Procurement Management
- Shop Floor Management
- Advanced Pricing
- Inventory Management
- Advanced Stock Valuation
- Forecasting
- Distribution Contracts
- Sales Order Management
- Agreement Management
- Plant and Equipment Maintenance
- Management
- Load and Delivery Management
- General Accounting

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