JDA Transportation Manager

Challenge: Effectively Managing the Transportation Lifecycle

Every organization with transportation planning and management responsibilities, including manufacturers, retailers and logistics service providers, must be prepared to effectively manage sophisticated transportation networks with high order volumes across the dynamic transportation lifecycle. Planning, executing, monitoring and taking corrective action are all critical capabilities in today's complex and constrained transportation environment.

Solution: JDA Transportation Manager

JDA® Transportation Manager supports the entire transportation lifecycle – from order management through customer service and financial settlement – by facilitating collaboration with customers and carriers, managing the transportation process and providing end-to-end visibility throughout all stages. JDA Transportation Manager is a key component of the JDA Transportation & Logistics Management solution suite and provides seamless integration with JDA® Transportation Planner. Accessing the solution's powerful solving engine and extended features, JDA Transportation Manager consolidates orders, evaluates alternatives and creates optimal and executable plans that consider customer delivery commitments, product availability and other real-world constraints.

JDA Transportation Manager enables you to proactively monitor your operation with intelligent exception management by providing visibility across shippers, carriers, vendors and customers. The solution also creates sustainable value by synchronizing critical transportation execution processes that result in optimal cost and service performance. A sophisticated transaction management tool handles expanded order volumes, Web-based information flow and complex scenarios to ensure that any re-planning required due to unforeseen circumstances can be accomplished easily with minimal user intervention.

Key JDA Transportation Manager Capabilities:

- Provides market-leading differentiators including:
  - Manages the entire transportation execution lifecycle
  - Creates least-cost shipment plans
  - Creates loads that maximize capacity utilization
  - Enables proactive real-time monitoring and intelligent exception management
  - Settles freight financial transactions
  - Provides unmatched customization and extensibility
- Manages both the customer and carrier side of any move
- Automates carrier selection based on a combination of cost and performance factors
- Supports automated tendering of loads to carriers
- Rates and routes shipments with mode and carrier assignments
- Conducts automated carrier selection against contracted rates
- Tracks and manages visibility and exceptions across orders, inventory and shipments

Creating Least-Cost Shipment Plans and Loads

With JDA Transportation Manager, you can quickly create and modify complex transportation plans that respect each shipper's cost and operational requirements as well as consider capacity utilization at a granular level and support downstream execution. JDA Transportation Manager leverages advanced capacity constraint assignment, historical tracking and multi-dimensional load analysis while representing the operational and physical realities of the product line and customer conditions.

JDA Transportation Manager integrates with JDA Transportation Planner to optimize shipment routes and minimize transportation expenditures by:

- Dynamically selecting cross-docking opportunities that respect both owned-asset and carrier capacities and costs
- Automatically building and routing loads, determining pick-up and delivery times and using real carrier and hub rates while respecting constraints
- Representing a variety of costs such as multiple cost components (distance, weight, stops, etc.) and cross-docking fees
- Capitalizing on multi-stop, continuous move and merge-in-transit opportunities
- Honoring carrier equipment capacity constraints and respecting volume commitments

Proactive Monitoring and Intelligent Exception Management

Opt for the JDA Transportation Manager exception management dashboard and be proactively notified of critical events. With this monitoring capability you can implement immediate resolution with a few simple clicks. JDA Transportation Manager also supports rich data access and configurability to generate reports that measure key performance indicators, carrier scorecards and other critical supply chain metrics.

Settling Freight Financial Transactions

Logistics service providers and large multi-division enterprises must have the ability to track freight charges to end users separately from payments made to carriers. JDA Transportation Manager dramatically streamlines your freight financial administration and can handle both match-pay freight audit processes and auto-pay or self-invoicing processes, depending on the contractual relationships with each particular carrier.

You can manage multiple tariff variations for your carriers (A/P costs), as well as separate but related tariffs for consumers of transportation services (A/R revenues). The solution also supports industry-standard processes for cost allocations and freight audit.

Providing Customization and Extensibility

JDA Transportation Manager brings together the best of packaged and custom solution approaches. The solution can be extended and customized using JDA's platform to meet customer-specific requirements or new business opportunities. These custom components can be deployed within JDA Transportation Manager with the same look and feel, thereby offering a seamless end-user presentation.

Real Results

Companies that rely on JDA Transportation Manager to support the transportation lifecycle can realize the following benefits:

- Improved service levels
- Reliable distribution network driven by an operationally feasible plan
- Reduced direct warehouse labor costs
- Lowered damage-in-transit losses
- Enhanced operational efficiencies and customer satisfaction

About JDA Software Group, Inc.

JDA® Software Group, Inc. (NASDAQ: JDAS), The Supply Chain Company®, is a leading global provider of innovative supply chain management, merchandising and pricing excellence solutions. JDA empowers more than 6,000 companies of all sizes to make optimal decisions that improve profitability and achieve real results in the discrete and process manufacturing, wholesale distribution, transportation, retail and services industries. With an integrated solutions offering that spans the entire supply chain from materials to the consumer, JDA leverages the powerful heritage and knowledge capital of acquired market leaders including i2 Technologies®, Manugistics®, E3®, Intactix® and Arthur®. JDA's multiple service options provide customers with flexible configurations, rapid time-to-value, lower total cost of ownership and 24/7 functional and technical support and expertise.