JD Edwards EnterpriseOne Transportation Management

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KEY FEATURES

- Accommodate individual customer shipping preferences
- Cut shipping costs with optimal load planning
- Know the status and location of every shipment
- Prorate costs many different ways
- Handle bulk and packaged goods
- Manage truckloads, LTL, multi-modal, private fleet, and public carrier
- Shared architecture with many other JD Edwards EnterpriseOne modules across SCM, CRM, and FM
- Numerous shipping preferences with multiple options
- Freight consolidation
- Pooling capabilities
- Generate labels, waybills, and manifests
- Re-tender the balance of loads
- RFID and license plate capabilities
- Transportation sequencing
- Flexible carrier selection
- Route planning
- Automatic freight billing integrated with enterprise accounting and financial management
- UX One role-based pages for Transportation Manager and Shipping Supervisor

The Issue: Servicing Your Customers at a Price You Can Afford

Prompt, reliable delivery can mean the difference between repeat business and a one-time sale. The catch is that customers don't want to pay a premium for shipping. They are demanding the lowest possible price for the highest level of service—which includes strict adherence to increasingly narrow delivery windows. For packaged goods, customers are requesting more frequent deliveries of smaller quantities, often with special packaging and labeling. For bulk stock, unique shipment requirements include product compatibility checking and precise on-load and offload measurements. So how do you reduce freight costs while continuing to meet customer expectations?

The Solution: A Fully Integrated Web-Enabled Logistics System

With Oracle's JD Edwards EnterpriseOne Transportation Management, you can integrate your logistics functions for the visibility you need to cost-effectively plan, arrange, and track the distribution and delivery of your products. You can manage all types of shipping from a single system, including truckload, less-than-truckload (LTL), multi-modal, private fleet, and public carrier. And, you are equally well-equipped to handle the delivery requirements of bulk and packaged goods.

Added Value Through Integration and Collaboration

What differentiates JD Edwards EnterpriseOne Transportation Management is that it links all the logistics processes under a shared architecture with a common database. Not only are the traditional elements of demand management, order entry, order processing, warehousing, and inventory management a part of the shared database, you also have visibility into the financials of your company. This visibility means that all costs associated with every aspect of every shipment can be tied directly back to the responsible activity, which forms the basis for true activity-based costing.

With JD Edwards EnterpriseOne Transportation Management in place, you have the capability to see orders as they are entered and as they flow through the warehouse. If the warehouse is unable to fill an order for any reason, the transportation plan can be

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- Bulk and packaged goods transport
- Multimode, multi-carrier
- Inbound and outbound transportation
- User-defined rules for rating, routing, carrier selection, and payment options
- Dual-level expense tracking
- Order profitability analysis
- Carrier performance tracking
- In-transit inventory
- UCC 128 and EAN compliant
- Automated rate and pay
- Load building
- Measurement and currency conversions
- Fully web-enabled
- Real-time link to rating and mileage calculators
- License plate maintenance and visibility
- RFID and ASN support
- Carton reconciliation at the line level
- Carton charge calculation at shipment confirmation
- Sales order consolidation for single shipments
- Transportation sequencing capabilities
- Excess transportation charges capabilities
- ASN recalculation for performance and client flexibility during maintenance
- Extended ASN functionality to support automotive requirements
- User-defined receipt matching
- Flexible bill of lading reporting including consolidation

modified accordingly, including your ability to:

- Optimally re-tender the balance of the load
- Reconsolidate by using other orders
- Reroute the order to be filled from another warehouse

Because JD Edwards EnterpriseOne Sales Order Management, Warehouse Management, and Transportation Management modules are completely integrated, a process flow can be created to take an incoming order and send it directly to the most appropriate operation for delivery.

In a full-load environment, transportation can be optimized first with the order then moved to the warehouse. In a company that typically sees a large number of small orders, the warehouse operation can be given the first priority to optimize its operations, and then have a transportation plan created around what has been picked and is available to load.

The visibility gained from having one common database enables your company to make better decisions to improve efficiency. But to truly speed the flow of information—and products—all parties involved must have easy access to that information. Because JD Edwards EnterpriseOne Transportation Management is completely web-enabled, your employees, vendors, and customers are all able to make secure, role-based inquires anywhere internet access is available.

Transportation Managers and Shipping Supervisors can access UX One role-based pages to easily access, review, and act upon important information, thereby ensuring prompt and reliable transportation in a cost-effective manner.

Improved Customer Service

With JD Edwards EnterpriseOne Transportation Management, you can quote accurate shipment costs and make reliable delivery commitments to your customers at the time of sale. The delivery schedule is rule-driven and based on the promise date. And, costs within a shipment can be prorated based on item, cube, or weight. The shipment status is integrated into the EnterpriseOne Customer Relationship Management product line and can be tracked online by customers at their convenience.

In addition, with JD Edwards EnterpriseOne Transportation Management, you have the ability to default to customer-preferred carriers/service as specified in the customer profile. Preferences enable you to make special accommodations on a customer-by-customer basis. You can make those special arrangements based on the type of product being purchased. Listed below are some of the key transportation preferences:

Preference	Module Options
Carrier	Select a default carrier by customer, item, or both
Mode of Transport	Choose: - *Truckload* - *Less-than-Truckload (LTL)* - *Water, rail, or air* - *Various parcel shipment methods (overnight, next day)*
Options and Equipment	Specify special equipment necessary for delivery, such as forklift or dunnage

Document Set	Identify the key documents your customer would like to include with the delivery
Customer Freight	Automatically calculate for: • *Billable freight* • *Add billable charges to an order* • *Select a route* • *Specify the freight terms for the shipment per customer*
ASN Tracking	Ensure ASNs are transmitted in a timely manner to your customer

Lower Transportation Costs

JD Edwards EnterpriseOne Transportation Management enables you to cut shipping costs with automated freight consolidation, route planning, load tendering, pooling, and automated records management. Capabilities include:

- Transportation information at time of order entry for immediate planning
- Load/order consolidation based on any number of considerations, including routing, delivery date, capacity, and customer preferences, to minimize both billable and payable freight costs
- Carrier selection based on business needs and/or your customer's preferences
- Automatic freight bill processing to replace manual and third-party freight billing
- System-generated shipping labels, waybills, and manifests for fast shipments

Management of Inbound Shipments

In addition to providing strategic support on the outbound side, JD Edwards EnterpriseOne Transportation Management enables you to realize significant savings on inbound freight. Your purchasing department works hard to negotiate the best prices for materials and supplies. Why not maximize profitability by taking it one step further and analyzing your inbound freight options? Your company could show a considerable reduction in the cost of goods sold through the management of component shipments.

Web Tracking

You can provide your customer service personnel access to accurate, timely shipping information—right down to the detail of the bill of lading—with online tracing and tracking. EDI and Internet carrier monitoring enable you to "follow" freight in transit. And, by allowing your customers the convenience of 24x7 access to shipment status via the web, you can significantly reduce the administrative costs associated with basic inquiries.

Real-Time Alerts and Workflow

The majority of transactions in a system can be processed without the need for intervention. But what about that small percentage of orders that fall outside the standard procedures? Workflow can alert your staff to the exceptions to the rule— those shipments that require special attention. The ability to provide real-time alerts for those circumstances increases employee productivity and drastically reduces errors.

Solution Integration

- JD Edwards EnterpriseOne Order Management
  - Sales Order Management
- JD Edwards EnterpriseOne Supply Chain Execution (Logistics)
  - Inventory Management
  - Warehouse Management
- One View Reporting for Transportation Management
- JD Edwards EnterpriseOne Manufacturing
  - Manufacturing - Shop Floor
  - Quality Management
- JD Edwards EnterpriseOne Financial Management
  - Accounts Payable
  - Accounts Receivable
  - General Ledger
  - Advanced Cost Accounting
- JD Edwards EnterpriseOne Supply Management (Procurement)
  - Procurement and Subcontract Management
- JD Edwards EnterpriseOne Customer Relationship Management

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