

# ORACLE TRANSPORTATION MANAGEMENT

## KEY FEATURES AND BENEFITS

THE INDUSTRY'S LEADING TRANSPORTATION MANAGEMENT SYSTEM.

### FEATURES

- Carrier bid optimization and management
- Transportation order management
- Carrier and customer rate management
- Fleet Management
- Shipment management
- Shipment booking and tendering
- Real-time event management and visibility
- Business process automation
- Reporting, documentation and analytics

### BENEFITS

- Reduced transportation costs
- Increased customer service levels
- Increased supply chain performance and reliability
- Improved environmental sustainability
- Greater business process flexibility

*Oracle Transportation Management (OTM), a global transportation and logistics operations system, allows companies to minimize cost, optimize service levels, support sustainability initiatives, and create flexible business process automation within their transportation and logistics networks. Specifically designed to support the needs of both shippers and Logistics Service Providers (LSPs), OTM's unique single-platform design creates an information bridge across functional silos, geographic regions, languages, currencies, and business units. Carefully combining ease of use with sophisticated and broad logistics functionality, OTM supports customers with basic transportation needs as well as those with highly complex logistics requirements.*

### Global Control, Local Execution, Central Management

Oracle Transportation Management enables companies to manage their transportation networks on a global basis in terms of supply chain flows (outbound finished goods, inbound supplies, inter-facility/company shipments, returns), modes of transport (truck, air, ocean and rail) and geographic area (regional and international). Oracle Transportation Management provides simultaneous support for multiple languages, currencies, units of measure and business functions that may vary by business unit and geographic region. As a result, companies can support the nuances of their global operations while reaping the efficiencies provided by a single transportation management solution.

### Foundation for Transportation Management Best Practices

Oracle Transportation Management provides support for the following transportation business functions:

- **Transportation Order Management:** Integration with external order management, purchasing, warehouse and other systems for purposes of managing transport demand. Transportation order management functions can be extended to external parties in the supply chain, such as suppliers who provide “ready to ship” information for their purchase orders.
- **Rate Management:** A global repository and rating engine for service provider contracts for transportation and related services. Oracle Transportation Management enables companies to manage all of their rates centrally, including support for truckload, less-than-truckload, parcel, air, rail and ocean rates. Oracle Transportation Management supports full “sell” side rating for Logistics

Service Providers and other companies who provide transportation services.

- **Shipment Management:** Plan and execute shipments for maximum operational efficiency. Automated decision support for a full range of transportation scenarios from simple, direct shipments to complex, multi-leg and multi-mode itineraries. Decision support includes functionality for least cost carrier, mode and service level selection, application of routing guides and core carrier programs (i.e., carrier commitments). In addition, Oracle Transportation Management provides robust functionality to manage exceptions during execution (e.g., track planned vs. actual, divert shipments, expedite delivery).
- **Booking and Tendering:** Collaborate with transportation service providers using multiple communication formats – email, web, and XML. Share transportation plans and manage service provider responses (e.g., conditional bookings, tender acceptance). Automated support for multiple types of tender processes, such as sequential tendering and broadcast tendering.
- **Event Management and Visibility:** Proactively manage the lifecycle of orders and shipments through automated milestone monitoring. For example, automatically expedite shipments when pickup confirmations have not been received within a specified tolerance interval. Receive status updates from transportation service providers using multiple communication formats – web, XML, mobile phone.
- **Business Process Automation:** Maximize productivity by automating processes using Oracle Transportation Management’s unique workflow agent technology. Workflow agents enable companies to model simple or complex processes to improve efficiency. For example, automatically re-plan shipments based on related order changes, notify involved parties of delayed shipments.
- **Reporting & Documents:** Oracle Transportation Management utilizes Oracle Business Intelligence Publisher to create reports and documents. Examples of standard reports and documents include: Cost Savings, Projected Late Orders, Carrier Performance By Lane, Bill of Lading, Commercial Invoice and Packing List. Customers can modify the standard reports and documents or create their own using Oracle Business Intelligence Publisher. Documents from external systems can be uploaded into Oracle Transportation Management and attached to the corresponding order, shipment, etc.

### **Broad and Complete Transportation Management Footprint**

Oracle delivers the industry’s broadest and deepest transportation management platform. In addition to the foundation provided by Oracle Transportation Management, customers can derive additional benefits from Oracle Transportation Management’s related product options.

- **Oracle Transportation Operational Planning:** Customers can apply their specific business rules and logic in conjunction with powerful algorithms and optimization engines to optimize shipments based on cost, service level, and asset utilization. Scenarios for multi-stop consolidation, pooling, cross-docking and three-dimensional load configuration are supported. Manage dock

appointments for greater warehouse efficiency with advanced scheduling and collaboration capabilities.

- Oracle Freight Payment, Billing and Claims: Eliminates unnecessary charges and automates the time consuming and error prone processes of freight payment, customer billing, and managing freight claims. Using the actual shipment data captured throughout the transportation lifecycle, Oracle Freight Payment, Billing and Claims ensures that companies are paying, billing, and tracking only for the transportation services that were provided.
- Oracle Fleet Management: Enables companies to manage private fleet and common carrier networks on a single platform for increased asset utilization, lower transportation costs and reduced environmental impact. Oracle Fleet Management provides support for all aspects of managing a fleet for Shippers with a private or dedicated fleet and Logistics Service Providers who employ their own assets in providing service to their customers. Business functions supported include: driver and equipment assignment, dispatch, asset tracking and event management, and financial settlement for driver payroll, supplier payment and customer billing.
- Oracle Transportation Sourcing: Utilize sophisticated optimization algorithms to model your sourcing rules and objectives to minimize costs while streamlining the sourcing process for transportation services. Oracle Transportation Sourcing automatically utilizes historical shipment data to build bid packages and then seamlessly loads the awarded bids back into Oracle Transportation Management in the form of executable rates. This serves to greatly enhance the accuracy of the bid package as well as reduce the time and overhead it takes to run a procurement cycle.
- Oracle Fusion Transportation Intelligence: Create a real-time transportation dashboard for operational and strategic planning needs by automatically leveraging the operational data stored in Oracle Transportation Management. By taking operational data and converting it into meaningful information, companies are better able to avoid future inefficiencies and make real-time changes to plans that aren't going as expected. For example, planners can view the historical performance of carriers in the context of making a carrier assignment. Oracle Fusion Transportation Intelligence eliminates the need for a separate, siloed, data warehouse in support of transportation processes.
- Oracle Transportation Cooperative Routing: Enables companies to strategically examine and optimize the use of third party carrier and internal fleet resources in their supply chain. It does this by identifying historical shipping patterns and determining optimal asset utilization via efficient lane combinations of freight (i.e., cooperative routes). The strategic plan is then utilized within Oracle Transportation Management's operational planning process, ensuring that the fleet and carrier resources are deployed properly and the benefits are realized.
- Oracle Forwarding and Brokerage Operations: Automates the freight forwarding and brokerage processes used by Logistics Service Providers to greatly improve process efficiency and profitability while improving the

**RELATED PRODUCTS**

Oracle Transportation Management is a key component of Oracle's supply chain management solution. Complementary products include:

- Oracle Warehouse Management
- Oracle Order Management
- Oracle Purchasing
- Oracle Advanced Supply Chain Planning
- Oracle Enterprise Asset Management
- Oracle Financials
- Oracle Human Resources
- Oracle Application Integration Architecture

service delivered to their customers. Oracle Forwarding and Brokerage

Operations provides complete support for the following processes: quoting, job management and consol management.

- Oracle Logistics Inventory Visibility: Provides companies with visibility to both on hand and in-transit inventory levels across their extended supply chains including internal and third party facilities. Reduce inventory levels and costs with real-time inventory monitoring and management capabilities.

**Standards Based Architecture**

Oracle Transportation Management is built on a modern, internet based architecture that provides maximum flexibility and the lowest total cost of ownership.

- Internet Application: All Oracle Transportation Management functionality is accessible via standard web browsers, which enables companies to deploy the solution across their global organizations with minimal effort.
- Secure Collaboration: Oracle Transportation Management's unique security model enables companies to collaborate with any trading partner – suppliers, customers, carriers, brokers, etc. – by enabling these parties to access relevant information and business functions in Oracle Transportation Management. For example, suppliers can route their orders, carriers can accept and manage their shipments, and customers can view the status of their deliveries.
- Service Oriented Architecture: Oracle Transportation Management fully supports a service oriented architecture (SOA) for maximum business process flexibility. Companies can support their specific business process requirements by leveraging Oracle Transportation Management's many web services. For example, utilize Oracle Transportation Management's rating engine service to generate shipment cost and lead times as part of an order fulfillment process.
- Scalability: Oracle Transportation Management's flexible architecture enables companies to start small and expand as necessary to support growth in users, transaction volume and business processes while maintaining high performance service levels.

**Contact Us**

For more information about Oracle Transportation Management, please visit [oracle.com](http://oracle.com) or call +1.800.ORACLE1 to speak to an Oracle representative.



Oracle is committed to developing practices and products that help protect the environment

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