

ORACLE TRANSPORTATION MANAGEMENT

THE INDUSTRY'S LEADING
TRANSPORTATION MANAGEMENT
SYSTEM

KEY FEATURES

- Transportation procurement
- Transportation order management
- Carrier and rate management
- Fleet and driver management
- Order and shipment planning
- Shipment booking and tendering
- Visibility and event management
- Freight audit and payment
- Reporting, documentation, and business intelligence

KEY BENEFITS

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

Oracle Transportation Management (OTM) provides a single platform for companies to manage all transportation activity throughout their Supply Chains. The solution allows companies to minimize cost, optimize service levels, and create flexible business process automation within their global transportation and logistics networks. Specifically designed to support the needs of both shippers and Logistics Service Providers (LSPs), OTM creates an information bridge across functional silos, geographic regions, languages, currencies, and business units. 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 (over the road, air, ocean and rail) and geographic area (domestic 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.

The Foundation for Excellence in Transportation Management

Oracle Transportation Management provides support for the following key 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 provided to external parties in the supply chain, such as suppliers who provide “ready to ship” information to release 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 rates centrally, including support for truckload, intermodal, less-than-truckload, parcel, air, rail and ocean. 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 those involving multiple legs and multiple modes. Decision support for least cost carrier, mode and service level, 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., tracking planned vs. actual, diverting shipments, and expediting delivery).
- **Booking and Tendering:** Collaborate with transportation service providers using multiple

communication formats – email, web, mobile device, 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.

- **Visibility and Event Management:** Proactively manage the lifecycle of orders and shipments through automated milestone monitoring. 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 or tablet.
- **Business Process Automation:** Maximize productivity by automating processes using 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; or notify involved parties of delayed shipments.
- **Reporting & Document Management:** 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.

The Power of a Complete Transportation Management Platform

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, including:

- **Oracle Transportation Operational Planning:** Apply specific business rules and logic in conjunction with powerful algorithms and optimization engines to optimize orders and shipments based on cost, service level, and asset utilization. Scenarios for multi-stop consolidation, pooling, cross-docking and three dimensional load configuration are supported. Also, manage dock appointments for greater warehouse efficiency with advanced scheduling and collaboration capabilities.
- **Oracle Freight Payment, Billing and Claims:** Eliminate unnecessary charges and automate the time consuming and error prone processes of freight payment, customer billing, and managing freight claims. Using actual shipment data captured throughout the transportation lifecycle, Oracle Freight Payment, Billing and Claims ensures that companies are paying, billing, and tracking only the transportation services that were provided.
- **Oracle Fleet Management:** 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 services 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 sourcing rules and constraints to minimize costs while streamlining the procurement process for transportation services. Oracle Transportation Sourcing utilizes historical shipment data to build bid packages and then seamlessly turns awarded bids into executable rates. This serves to greatly enhance the accuracy of a bid project as well as reduce the time and overhead it takes to manage the procurement cycle.
- **Oracle Fusion Transportation Intelligence:** Create a transportation dashboard for operational and strategic performance indicators by leveraging the operational data stored in Oracle Transportation Management. By taking operational data and converting it into meaningful information, one can avoid future inefficiencies and make changes to plans and parameters that are causing unsatisfactory results. Oracle Fusion Transportation Intelligence eliminates the need for a separate, siloed data warehouse in support of transportation metrics.
- **Oracle Transportation Cooperative Routing:** Strategically examine and optimize the use of third party carrier and internal fleet resources in the supply chain. Identify historical shipping patterns and determining optimal asset utilization via efficient lane combinations of freight (i.e., cooperative routes). This 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.

RELATED PRODUCTS

Oracle Transportation Management is a key component of Oracle's Value Chain Execution solutions. The Value Chain Execution suite is a comprehensive set of supply chain execution applications that work together to provide Oracle customers with a broad array of logistics capabilities:

- Oracle Global Trade Management
- Oracle Warehouse Management
- Oracle Order Management
- Oracle Distributed Order Orchestration
- Oracle Landed Cost Management
- Oracle In-Memory Logistics Command Center
- Oracle Inventory Management
- Mobile Supply Chain

Other complementary products include:

- Oracle Purchasing
- Oracle Advanced Supply Chain Planning
- Oracle Enterprise Asset Management
- Oracle Financials
- Oracle Human Resources

- 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 service delivered to their customers. Oracle Forwarding and Brokerage Operations provides complete support for the following processes: quoting, job management and consol management.
- Logistics Inventory Visibility: Provides visibility to both on hand and in-transit inventory levels across the extended supply chain, including internal and third party facilities. Reduce inventory levels and costs with real-time inventory monitoring and management capabilities.
- Oracle In-Memory Logistics Command Center: Take a unique and innovative approach to strategic and operational "what if" scenario management. Leveraging the best-in-class logistics platform of Oracle Transportation Management, Oracle In-Memory Logistics Command Center determines optimal execution strategies by simulating actual logistics operations using detailed operational data, including network infrastructure, costs, contracts, service levels, capacities and constraints.

Modern, Flexible, 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.

- Web Application: All Oracle Transportation Management functionality is accessible via standard web browsers, which enables companies to deploy the solution across global organizations with minimal effort. Mobile device support is also included.
- 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 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 or call +1.800.ORACLE1 to speak to an Oracle representative.



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Hardware and Software, Engineered to Work Together