

Oracle Transportation Management Cloud

Oracle Transportation Management Cloud 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), Oracle Transportation Management Cloud creates an information bridge across functional silos, geographic regions, languages, currencies, and business units, and supports customers from basic transportation needs to highly complex logistics requirements.

GLOBAL CONTROL, LOCAL EXECUTION, CENTRAL MANAGEMENT

Oracle Transportation Management Cloud 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). It 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.

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
- Strategic and tactical analyses of transportation network
- Reporting, documentation, and business intelligence

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THE FOUNDATION OF EXCELLENCE

Oracle Transportation Management Cloud 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 Cloud enables companies to manage all rates centrally, including support for truckload, intermodal, less-than-truckload, parcel, air, rail and ocean. Oracle Transportation Management Cloud 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 Cloud 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.
- **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, the Freight Payment, Billing and Claims capability of Oracle Transportation Management Cloud ensures that companies are paying, billing, and tracking only the transportation services provided. For more information, refer to the [Freight Payment, Billing and Claims Data Sheet](#).

Key Business Benefits

- Reduced transportation and logistics costs
- Increased customer service levels
- Business process automation
- Increased supply chain performance and reliability
- Rapidly evaluate supply chain options
- Improve supply chain agility
- Build supply chain resilience
- Improved environmental sustainability
- Greater business process flexibility and adaptability

- **Transportation Intelligence:** Create a transportation dashboard for operational and strategic performance indicators by leveraging the operational data stored in Oracle Transportation Management Cloud. 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. The Transportation Intelligence capability of Oracle Transportation Management Cloud eliminates the need for a separate, siloed data warehouse in support of transportation metrics. For more information, refer to the [Transportation Intelligence Data Sheet](#).
- **Forwarding and Brokerage Operations:** Automates the freight forwarding and brokerage processes used by Logistics Service Providers to improve process efficiency and profitability while improving the service delivered to their customers. The Forwarding and Brokerage Operations capability of Oracle Transportation Management Cloud provides complete support for the following processes: quoting, job management and consol management.
- **Reporting & Document Management:** Oracle Transportation Management Cloud 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.

Related Products

Oracle Transportation Management Cloud is a key component of Oracle Supply Chain Management Cloud solutions that work together to provide with a broad array of capabilities:

- Oracle Global Trade Management Cloud
- Oracle Order Management Cloud
- Oracle Inventory Management Cloud
- Oracle Warehouse Management Cloud

THE POWER OF A COMPLETE PLATFORM

Oracle delivers the industry's broadest and deepest transportation management platform, and customers can derive additional benefits from related product options, including:

- **Oracle Transportation Operational Planning Cloud:**

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

- **Transportation Sourcing:** Utilize sophisticated optimization algorithms to model sourcing rules and constraints to minimize costs while streamlining the procurement process for transportation services. The Transportation Sourcing capability of Oracle Transportation Operational Planning Cloud utilizes historical shipment data to build bid projects and then seamlessly turns awarded bids into executable rates. It also provides functionality to support the task of rate maintenance. Together these capabilities serve to greatly enhance the accuracy of a bid project as well as reduce the time and overhead it takes to manage the procurement cycle. For more information, refer to the [Transportation Sourcing Data Sheet](#).
- **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 utilized within Oracle Transportation Management's operational planning process, ensuring that the fleet and carrier resources are deployed properly and the benefits are realized. For more information, refer to the [Transportation Cooperative Routing Data Sheet](#).

- **Oracle Fleet Management Cloud:** 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 Cloud 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. For more information, refer to [Oracle Fleet Management Cloud Data Sheet](#).
- **Oracle Logistics Network Modeling Cloud:** Provides high-fidelity scenario analyses, all using your real-world, operation data and constraints. Intrinsic to Oracle Transportation Management Cloud, the analysis is performed using the rich operational details of your transportation network and your rules and policies, and uses the very same optimization and planning algorithms that you employ in your transportation operations. This leads to highly accurate results showing you the actual impact of the changes to your operations. Since everything is in the context of your actual operational network, identified changes/responses are easily deployed as needed. For more information, refer to [Oracle Logistics Network Modeling Cloud Data Sheet](#).

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