



## Descartes

Increase Operational Efficiency, Reduce Complexity, Decrease Costs and Enhance Customer Service

Whether you need a quick fix for a specific transportation issue or an end-to-end solution, the Descartes transportation management suite can help. Our modular solution provides the depth of standard capabilities you need as well as an incredibly broad array of advanced capabilities that power the largest logistics operations in the world.

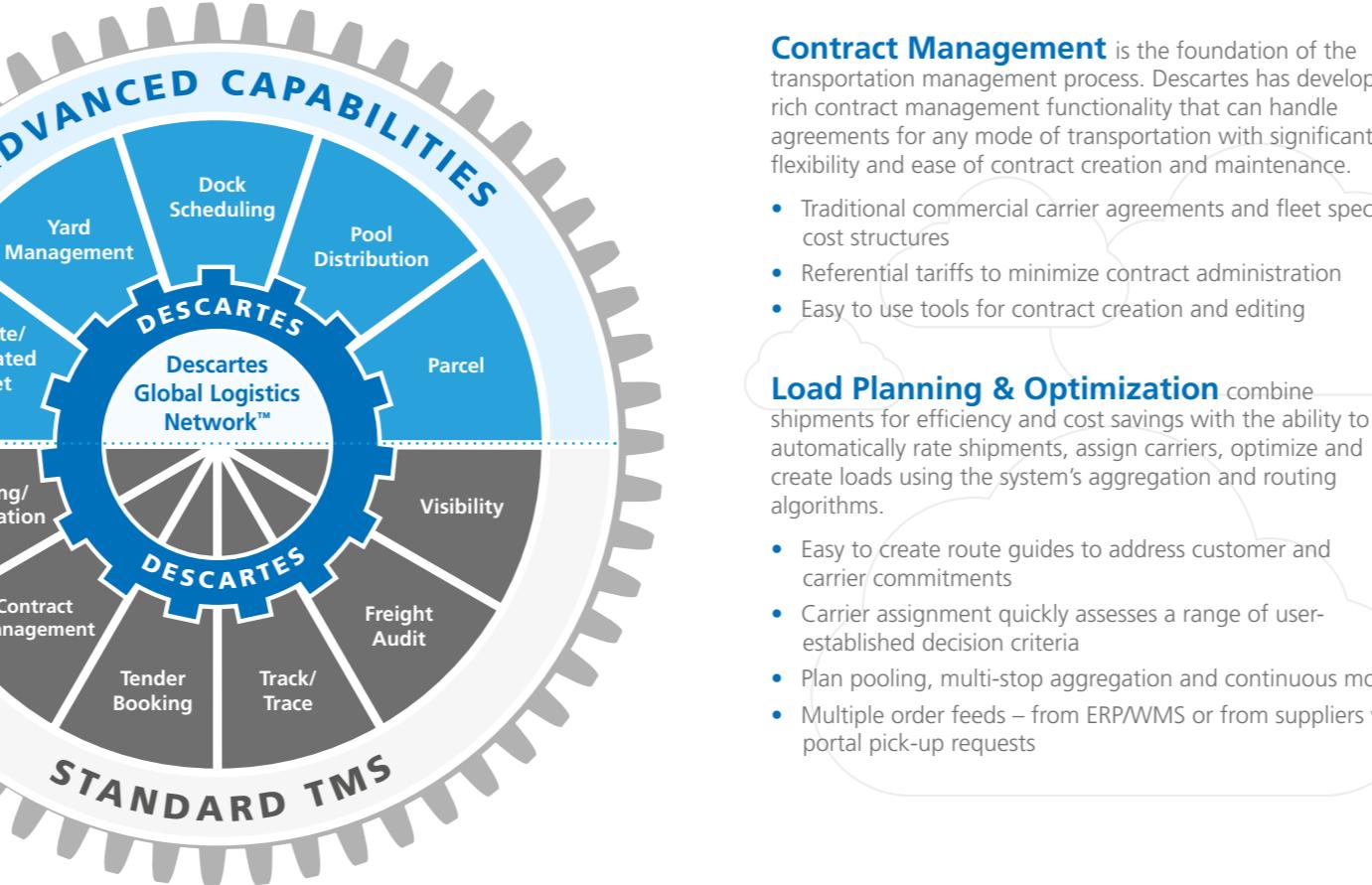
From one cloud-based platform, Descartes Transportation Management can be implemented in weeks rather than months. It is straightforward to use and leverages the Descartes Global Logistics Network™ (Descartes GLN™) to connect your carriers and trading partners.

Traditionally, transportation management solutions have focused on a standard set of processes:

- Contract Management
- Load Planning & Optimization
- Execution
- Freight Audit
- Visibility & Performance Management

Descartes transportation management provides advanced capabilities, creating even greater value:

- Private/Dedicated Fleet
- Dock/Yard Management
- Pool Distribution
- Parcel
- Global Logistics Network



## Contract Management

is the foundation of the transportation management process. Descartes has developed rich contract management functionality that can handle agreements for any mode of transportation with significant flexibility and ease of contract creation and maintenance.

- Traditional commercial carrier agreements and fleet specific cost structures
- Mobile applications for carriers to provide real-time status on tendering and delivery
- Referential tariffs to minimize contract administration
- Easy to use tools for contract creation and editing

## Load Planning & Optimization

combine shipments for efficiency and cost savings with the ability to automatically rate shipments, assign carriers, optimize and create loads using the system's aggregation and routing algorithms.

- Easy to create route guides to address customer and carrier commitments
- Carrier assignment quickly assesses a range of user-established decision criteria
- Plan pooling, multi-stop aggregation and continuous moves
- Automated line level freight bill audit and approval
- General Ledger/Cost Center coding of freight bill lines
- Multiple order feeds – from ERP/WMS or from suppliers via portal pick-up requests

## Execution

puts the transportation plan into action. Descartes transportation execution streamlines the interaction with carriers from tendering to booking to shipment tracking and proof of delivery. Carriers can connect electronically through the Descartes GLN or manually through the Descartes Carrier Portal™.

- Tendering & booking direct to carriers via the Descartes GLN
- Mobile applications for carriers to provide real-time status on tendering and delivery
- Shipment documentation such as Bill of Lading (BOL), Master BOL, Air Waybill and House Waybill
- Tracking & proof of delivery as well as advanced shipment notices, booking confirmations, and carrier statuses via the Descartes GLN or mobile apps

## Freight Audit

dramatically reduces manual work and automatically identifies discrepancies that can result in overbilling and drawn out payment processes. As part of a plan-to-pay transportation process it can help identify how carriers align with contracted rates and expected costs.

- Plan pooling, multi-stop aggregation and continuous moves
- Automated line level freight bill audit and approval
- General Ledger/Cost Center coding of freight bill lines
- Manage original, supplemental and miscellaneous bills against residual charges

## Visibility & Performance Management

provides a single, integrated view of shipments, inventory, cross-border compliance status and delivery performance. Integrated with the Descartes GLN, users benefit from pre-built connections to carriers and real-time status in the supply chain to track and analyze.

- Achieve shipment and/or line item level visibility across multiple parties and modes of transportation
- Decrease order failures by predicting or being alerted to them before they happen
- Provide a role-based, customized view of data for buyers, purchasing department, expeditors, customer service reps, and materials managers
- Measure supplier and carrier performance to continuously improve supply chain operations

BETTER PERFORMANCE THROUGH ADVANCED TRANSPORTATION MANAGEMENT TECHNOLOGY

# Uniting the People & Technology that Move the World

Better Performance Through  
Advanced Transportation  
Management Technology

DESCARTES™

## Comprehensive Suite of Transportation Management Solutions

### Increase Operational Efficiencies, Reduce Complexity, Decrease Costs and Enhance Customer Service

Descartes works with leading companies across the globe to develop innovative solutions to increase operational efficiency, reduce costs and enhance customer service by offering the

- Hundreds of thousands of connected carriers and logistics services providers
- Global support for air, ocean, truck and other transportation modes
- Ability to handle complex and customer-specific message translating and routing

## Descartes Global Logistics Network™

(Descartes GLN™) is the world's largest multimodal logistics messaging network integrating carriers, logistics services providers, trading partners and regulatory agencies to help streamline the end-to-end transportation management process.

The Descartes GLN provides a wide array of connectivity and communications options including EDI, XML, flat files and portals for carriers and suppliers who are not capable to directly connect to the network.

- Reduce transportation and inventory cost
- Improve delivery frequency and reduce transit time
- Minimize lost or stolen goods
- Full tracking and visibility of goods to the carton level

## Pool Distribution

enables retailers and distributors with high volumes of small packages to many locations reduce transportation costs and improve responsiveness. Descartes pool distribution solution leverages the economy of scale in the North American pool distribution network as it is the standard for many pool operators and retailers.

- Online appointment scheduling, prioritize inbound shipments and automated recurring appointment scheduling with load/unload service time calculations
- Load leveling of the flow of goods to dock resources
- Appointment audit trail and reporting

## Dock Appointment Scheduling

helps enable collaboration between shippers, carriers and consignees to schedule dock door appointments. It streamlines the dock appointment process by distributing the responsibility for scheduling warehouse deliveries or pickups to carriers and suppliers.

- Online appointment scheduling, prioritize inbound shipments and automated recurring appointment scheduling with load/unload service time calculations
- Load leveling of the flow of goods to dock resources
- Appointment audit trail and reporting

## Yard Management

helps distribution center operations more effectively manage the movement of trailers and the associated inventory within the distribution center yard. Real-time visibility into trailer content and locations within the yard enables organizations to quickly identify and access stock on hand, automatically record all trailer movements, and maintain a valid audit trail for loss prevention and security.

- Identify and validate loads that arrive and leave
- Assign parking and quickly locate trailers
- Identify contents within a trailer as well as their age and condition
- Automatically record all trailer movements
- Maintain a valid audit trail for loss prevention and security

## Parcel/Small Package

helps manage and automate parcel manifesting and the pick, pack and ship processes, making it easy to sort orders by customer, carrier, weight, destination and other variables. Carton contents are captured, and packing slips, bills of lading, shipping manifests and other essential documents are prepared. For small parcel shipments, Descartes provides the ability to print compliant shipping labels and documents, ensuring labels can be easily scanned and sorted in high-speed environments.

- Rate and manifest support for over 100 parcel and LTL carriers
- Integrated transportation load planning and optimization
- Ability to manage enterprise-wide parcel requirements