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.

BETTER PERFORMANCE THROUGH ADVANCED TRANSPORTATION MANAGEMENT TECHNOLOGY

As part of a plan-to-pay transportation process it can help identify how carriers align with contracted rates and expected costs.

• 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, expediters, customer service reps, and materials managers
• Measure supplier and carrier performance to continuously improve supply chain operations

Contract Management is the foundation of the transportation management enterprise. 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.

• 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.

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Load Planning & Optimization combines shipment for efficiency and cost savings with the ability to automatically schedule, assign carriers, optimize and create loads using the system’s aggregation and routing algorithms.

• Easy to create route guidelines to address customer and carrier commitments
• Carrier assignment quickly assesses a range of user-established decision criteria
• Run planning, multi-drop aggregation and continuous moves
• Multiple order feeds – from ERP/WMS or from suppliers via portal pick-up requests

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
• Parcel
• Global Logistics Network

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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 and conduct business through the Descartes GLN or manually through the Descartes Center Portal™.

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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, priority assigned to shippers
- Automated recurring appointment scheduling with load/unload service time calculations
- Load leveling of the time 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 process stock on hand, automate movement of trailers, and maintain a valid audit trail for loss prevention and security.

- Identify and validate loads that arrive and move
- 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

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.

- Reduce transportation and inventory cost
- Improve delivery frequency and reduce transit time
- Automated load or stock moves
- Full tracking and visibility of goods to the carton level

Parcel/Small Package helps manage and automate parcel processing and the pick, pack and ship process, 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

Descartes Global Logistics Network™ (Descartes GLN™) is the world’s largest multimodal logistics network integrating carriers, logistics services providers, trading partners and regulatory agencies to help streamline the end-to-end transportation management process. Descartes GLN provides users the ability to transmit purchase or sales order fulfillment into transportation orders, manage carrier contracts, optimize and execute transportation plans, connect to trading partners, control the flow of freight, track shipments and inventory, audit freight, improve efficiency in scheduling dock door appointments and managing trailer movements and security and optimizing supply chain performance benefits from better control of their freight operations, reduced complexity and cost while supporting growth and competitive differentiation.

• 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

Comprehensive Suite of Transportation Management Solutions

Better Performance Through Advanced Transportation Management Technology