

## Product Information

# Descartes Order Express



## The Business Case

- I need a shipping system that is simple to navigate yet provides a wealth of functionality
- I need to combine the packing and shipping step into one
- I need a cost-effective way to integrate all my carriers to our host system
- I lack visibility and information for all my shipments

## Core Capabilities

The Descartes Order Express (OE) smart client is an easy-to-use and intuitive shipping interface that is designed to automate the transportation and fulfillment process. It provides a rich user experience with a clean and highly scalable integration path. The core capabilities of this module include:

### Rating

- Industry leading multi-carrier compliance engine to route small package carrier, Truckload (TL), Less than Truckload (LTL), multi-modal, fleet and messenger; incorporates a variety of different rating methodologies with uniform execution
- Compliant with major North American carriers
- Service level selection based on transit time routing and/or arrival date
- Density and cube rating
- Order/multi-piece level routing and rating
- Rule-based shipment consolidation logic
- Multi-class rating (Less Than Truckload / Truckload – LTL/TL)
- Real-time order consolidation
- Rule driven handling charge
- Fuel surcharge management
- ExpressCube™ support for integrated package cubing



## Technology & Transportation... Hand in Hand.

### Documents / Labels

- Compliant shipping labels and documents
- Hazmat/Dangerous Goods documentation
- Voluntary Inter-industry Commerce Solutions (VICS) Bills of Lading
- One End-of-Day, Master Bill of Lading for all orders to a destination
- Automated bar code processing capability
- Email notification provides proactive, self-service package tracking functions
- Direct Customs Broker EDI integration of customs forms
- Built-in report writer

### Execution / Automation

- Provides shipment, order and line item visibility
- Create carton level contents
- Capture weight and dimensions on the fly
- Automatic allocation of freight costs by GL code
- 'Piece at a time' processing and labeling
- 'Ship with item scan' retrieves and processes single item orders
- Authorization controls

### Technical

- Available as a networked or browser-based desktop solution
- Fast and flexible integration using VB Script events – completely editable
- Each workstation can be configured with independent scripting rules
- All information is stored as XML data and can be passed to Microsoft® SQL database which improves archiving, back-up and stability
- Incorporates more than 30 entry and exit points to support advanced business logic requirements

- Customizable processing screens let you control what you want the shipper to edit—complete administration of the user experience is contained in the main console

### Hardware & Software Specifications

Descartes Order Express should be installed on a server that meets the following minimum specifications:

#### Required Software

Descartes Order Express should be installed on a server that meets the following minimum specifications:

- Windows Server 2003 or higher (with appropriate licenses)
- Microsoft SQL 2005 (Express or Full Edition) for OE Enterprise deployments
- Microsoft IIS 6+
- Microsoft .NET 3.5 framework

### Operational Drivers

Streamline the flow of distribution; ensure consistent shipping practices and processes are executed across the business; eliminate islands of automation and information; increase shipping throughput and worker productivity.

### Financial Drivers

Reduce redundant and costly manual labor; maximize consolidation opportunities and save on freight; optimize carrier and/or service level selection.

### Strategic Drivers

Meeting business targets means automatically incorporating business rules that comply with ALL trading partners; ensure 'speed-to-market' with fast and accurate order turnaround; provide real-time visibility of customers' orders and inventory throughout the order cycle.

## Summary

### Key Potential Benefits

- Intuitive and easy to use graphical interface
- Provides control to reduce transportation costs
- Improves shipping throughout and efficiency
- Reduces shipping errors and provides improved visibility
- Database independent
- Flexible and scalable technology lets you quickly adapt to changing business requirements

### Connectivity Options

- **XML** Recommended method of interface
- **ODBC** drivers loaded on each shipping workstation
- **File A** common network drive setup to see both the host and shipping item
- **TCP/IP** Host configured as TCP/IP Server and shipping workstation as the client