



CatalystCommand™ Transportation Planning

Minimize Transportation Spend While Improving Customer Service

For most companies, transportation management presents one of the greatest opportunities to increase profitability and gain competitive advantage in your supply chain. Yet many logistics operations miss this opportunity by using manual processes or disparate systems that lead to poor freight visibility, excess inventory and fulfillment scheduling issues.

To Catalyst, transportation management comprises three fundamental phases: planning, execution and reconciliation. In the planning phase, you need to determine the best shipping method to ensure meeting the customer's requirement at lowest cost. Achieving optimal cost efficiency with manual planning is almost impossible because of the volume of transactions, the complex network of shipments, and the large number of potential carriers and contracts. Achieving minimum transportation cost while maintaining high service levels is only possible with an automated planning system.

Optimize Shipping by Automating Management of Parcel, LTL and TL Carriers

With CatalystCommand™ Transportation Planning, you can significantly improve your carrier performance, enhance customer service and reduce annual transportation costs by centralizing policy-making and decentralizing automated shipment planning. The system enables you to shop for the right carrier at the lowest cost, determine the best routes and rates, and consolidate and build loads for greatest efficiency. A unique system feature is the ability to consider parcel, less than truckload (LTL) and truckload (TL) or any combination to create the best plan.

Shop for the Right Carrier at the Lowest Cost

Freight shopping determines the most cost effective way to move a package or shipment by selecting carriers based on service capability, delivery time, and cost. The system enables you to obtain estimates, determine carrier serviceability on any given lane and service level combination and create a comparative record with details of the shipment, including destination, weight, size, and applicable surcharges.

Determine the Best Route at the Best Rate

The routing engine identifies qualified service providers that meet the customer and operational criteria shipping between two points. The rating engine calculates the cost associated with each carrier and service level so that you can make shipping decisions based on lowest cost, delivery time, or favorability. The system provides a list of carriers that meet the criteria and associated cost based on such variables as origin destination and weight, dimensions, freight class and owner. This enables you to ship using the best combination of cost and customer service level.

Realize Profits Quickly

With CatalystCommand Transportation Planning, you'll generate increased profits quickly:

- Reduce transportation spend
- Maximize capacity utilization
- Reduce errors and premium shipments
- Decrease inventory and risk
- Eliminate outside service costs
- Reduce labor and maintenance costs by centrally managing the transportation network
- Improve customer service and compliance
- Increase profitability and competitive advantage
- Reduce personnel/administrative cost associated with transportation management

We Make It Easy for You

CatalystCommand Transportation Planning is easy to buy, implement and use.

Easy to Buy:

- Affordable and flexible licensing models
- Easily identifiable return on investment

Easy to Install and Implement:

- Typical implementation of less than 45 days
- No complex integration – software is comprehensive and all internal integration is off-the-shelf
- Expert implementation support

Easy to Use and Operate:

- Graphically-rich user interface
- Flexible end-user configuration
- A component based solution
- Utilizes OAG based XML documents for external integration
- Supports complementary business processes with ERP and warehouse and yard management
- Built on a combination of Windows and JAVA technologies to allow distribution of core functions on both Windows and Unix servers



Catalyst's Transportation Planning is a part of the Catalyst Transportation Management Suite, which also includes Execution and Reconciliation.

Consolidate and Build Loads for Greatest Efficiency

Automatic consolidation of shipments provides significant cost savings by taking advantage of weight breaks, zone skipping, or changes in mode of transportation. Consolidation typically groups parcel and LTL shipments together that have a common origin and consignee. Pooling and zone skipping can lower costs by optimizing freight for each shipment stage.

The load building feature takes multiple LTL and parcel shipments from one origin to one or multiple destinations in an effort to group them together to build a full truck or multi-stop truck load. The system ensures that compliance requirements are always followed, eliminating errors and the need for expedited services to meet customer service levels.

Benefit from Robust Core Engine

The system's core technologies are robust and flexible and include the following functional components:

- The Rate Maintenance Utility maintains carrier contracts entered manually or through electronic download. You can create contracts that apply a discount to an industry standard tariff, use a carrier defined rate base, or define ad hoc rates. The system accepts rates in virtually any unit of measure including per hundred weight, pound, kilogram, feet or inches, piece pallet, volume, and value. An unlimited number of surcharges can be created for each contract, including additional costs for fuel, protected service, hazardous materials and insurance.
- The Rating Engine incorporates major parcel carrier raters such as Airborne, DHL, FedEx, UPS, USPS, an LTL/TL rater, and other popular third-party raters such as CZAR Lite.
- The Trip Configurator manually consolidates LTL shipments into multi-stop loads or edits loads created dynamically.

SCAC	Carrier Name	Service Level	Days	Time	Transportation	Surcharges	Taxes	Total Cost	Currency	Upcharge	Shoppat
AACF	AAK COG	TL VARIABLE	3		801.6000	0.0000	0.00	801.6000	USD		T
FEDX	FEDERAL	FedEx Ground	3	2400	53.2300	0.0000	0.00	53.2300	USD		T
UPSS	UNITED P.	Next day Air	1	1030	278.2500	0.0000	0.00	278.2500	USD		T
UPSS	UNITED P.	2 Day Air	2	2400	123.0000	0.0000	0.00	123.0000	USD		T
UPSS	UNITED P.	Ground Comm.	7	2400	55.1900	0.0000	0.00	55.1900	USD		T
UPSS	UNITED P.	3 Day Select Co.	3	2400	67.3000	0.0000	0.00	67.3000	USD		T

Freight shopping

Contact Us Today

For more information on how CatalystCommand Transportation Planning enables you to get the best transportation spend while obtaining the highest level of customer service, contact Catalyst International at www.catalystinternational.com.