

Driving Logistics Costs Down with Optimized Logistics Planning



Let the internet revolution transform the way your company drives down transportation cost with an easy to implement and easy to use web-based transportation planning tool.



Optimized freight planning... just a click away!



Using our convenient “Control Panel” with your own Internet browser, you can control all of the powerful LoadOpt™ features and find solutions to transportation problems that have trillions of possible outcomes.

With LoadOpt™ technology, our powerful Web servers can crunch through your load building problem in minutes – finding the lowest cost way to use LTL, Truckload with stop-offs, and Pool Consolidation for your shipments.

With just a few mouse clicks, you can upload your data, optimize your shipments, and download the results to the software of your choice.



How LoadOpt Can Help

- **LoadOpt™ builds full truckloads from your individual shipments, dramatically reducing Less-Than-Truckload shipping costs.**
- **Uses state-of-the-art Computer-Aided Intelligence algorithms to produce load plans faster and better than human logistics planners and many “logistics solvers”.**
- **Recognizes real-world factors like hours-of-service and driving times.**
- **LoadOpt™ takes into account:**
 - **Your own state-to-state truckload rates**
 - **Different rates for different commodity types**
 - **Vehicle capacity by weight, cubic capacity and/or trailer length**
 - **Refrigeration requirements**
- **It handles complex logistics requirements:**
 - **Shipments involving multiple origins and multiple destinations**
 - **LTL options**
 - **Pool options where pooling points are used for a shipment where most cost effective both at origin and destination**
 - **Private Fleet routes**
- **Access it directly from your Web browser. No software to install!**
- **Easily integrated with leading 3rd Party TMS technology or with your internal systems.**

Less-than-Truck-Load (LTL) shipments add up to high costs of transportation.

- LoadOpt™ shipment consolidation identifies the best combination of LTL shipments into single Truck Load (TL) shipments with stop-offs.
- Shipments that are best sent by LTL are identified... you can be confident that there's no cheaper way.
- As always, LoadOpt™ considers the required delivery dates and expected transit times in making its decisions – with customer-specific on-time standards, flexible service standards that give priority to more demanding customers and hot orders.

As your business grows, you might add plants – LoadOpt™ can grow with you, figuring out the best combination of multiple pickups at your plants and multiple stop TL shipments to your customers.

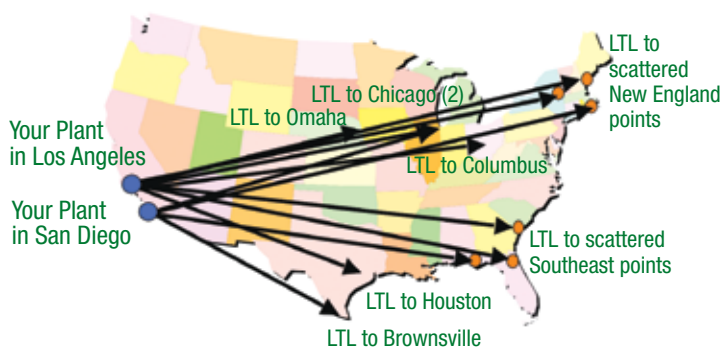
- TL optimization can postpone or eliminate the need for “mixing” warehouses – producing savings well beyond the big transportation savings.
- Advanced “artificial intelligence” tools in LoadOpt™ find the best solution across multiple origins even if in different states – a capability beyond that of typical competing optimizers.

Suppose, your further growth drives sales to smaller, scattered customers with many smaller LTL shipments and sharply higher costs.

- LoadOpt™ can help here too with its Pool Distribution optimization capability.
- With inputs of your Pool Distribution contract rates and service times, LoadOpt™ will consider how to best get each shipment to the destination: direct TL with stop-off, LTL direct, or a TL drop at a pool location for subsequent local delivery to the consignee.

LoadOpt™... Reducing your Freight Costs!

The High Cost Way



The Optimized Way



Client Access Requirements

- Windows PC
- Internet Explorer version 5.0 or higher
- Internet connection
- Excel or other spreadsheet for reviewing results

Data Availability Requirements

- Computer access to shipment information on your local systems.
- Access to the following minimum data items for each shipment:
 - Unique shipment ID
 - Unique Name and ID for the Origin
 - Unique Name and ID for the Destination
 - Origin City, State, Zip
 - Destination City, State, Zip
 - Shipment weight
 - Order number (sales order or PO)
 - Refrigeration requirements (if any) - Temperature Range

Technical Description

- Handles multiple origins to multiple destinations - either inbound or outbound. Plans for common carrier trucking or private fleets.
- Combines freight based on weight, cubic volume and/or trailer length utilization factors.
- Provides for up to 3 pool distribution options at the destinations and 3 pool consolidation services at the origins.
- Accepts your actual freight rates on each shipment or can store your freight rates in its own rate tables (default freight rates can be used for planning purposes).
- Can assign estimated LTL rates to your shipments using nationally recognized tariffs or can use your own rate tables.
- Provides geographic validation to insure correct city/state/zip information has been provided.
- Has capacity for up to 600 shipments in one solver run, up to 24 shipments per truckload.
- Takes into account transit time impacts on motor carrier costs as it builds multi-stop loads.
- Estimates freight costs for each shipment on the load (allowing accurate allocation of total freight charges across sales orders or purchase orders).
- Applies customer service standards the way you do: it accepts standards like “we try to deliver in two days, but we will go to 3 if we have to” and “we have to deliver in 1 day to our ‘A’ level customers, everyone else gets 2 day service”.
- Requires no installation on your computers. All services are provided over the Internet and charged for at a modest per-order basis. Optional on-site installation – contact us for full details.
- Access LoadOpt™ directly from your Web browser. You can upload shipment files from your personal computer in one of several formats (Excel, XML, CSV, DBF, fixed field, etc.) and download results in readable text form plus Excel, XML, CSV, fixed field, and DBF.
- Alternatively, you can build LoadOpt access into your internal systems by sending and receiving text files (including XML) via FTP, using IBM MQSeries™ messaging, Microsoft .Net Web Services, and other Internet-based tools for communication.
- LoadOpt™ exploits a powerful proprietary implementation of genetic algorithm technology to find great solutions out of trillions of possible options.
- Finally, integration is available with leading Transportation Management Systems such as Mercury-Gate™ for a complete solution to your freight information management needs.
- Easy to use Load Plan interface allows for quick and easy modification of load by the user.

For more information please go to our Web site at www.loadopt.com



LoadOpt.com
PO Box 6045
Bend, OR 97708-6045
T: (541) 330-0222
F: (541) 330-0012
sales@loadopt.com
www.loadopt.com