



Infor Transportation and Logistics Planning Solutions

Be a part of the evolution

When it comes to transportation and logistics, the domestic arena has traditionally gained the most attention from business organizations. Today, globalization requires that you take a different approach.

In addition to local considerations, companies must now deal with complex, cross-border supply chains, as well as less efficient manual processes, longer lead-times, greater risk, and a number of regulatory requirements that characterize those supply chains. To perform well, you need to: automate and control global trade and transportation processes; increase visibility into inventory and costs; and reduce cost, time, and risk factors. The only way to achieve higher profits and growth is to outpace your competition. You can achieve that with Infor Transportation and Logistics Planning solutions.

Using proven technology, Infor Transportation and Logistics Planning solutions deliver rich functionality and extensibility. With this solid solution and platform working for you, you can easily take advantage of new opportunities. You're neither locked into existing releases that are difficult to upgrade; nor are you limited in your ability to strengthen and expand your customer service. We've added innovative technology and intelligent heuristics, so you can confidently rely on our solutions to optimize all of your transportation management processes.

Benefit from experience

Infor® has over 25 years of experience in transportation and logistics. Our solution was one of the first to design and optimize the global supply chain network. Infor can help you automate your transportation management processes, eliminate information silos and process gaps, and gain logistics visibility and control across your global enterprise and supply chain.

With Infor Transportation and Logistics Planning solutions, you can exceed conventional supply chain expectations and create a plan that most effectively meets the demand for moving products.

Leading manufacturers, retailers, and logistics companies worldwide, rely on Infor's transportation, logistics, and warehousing solutions. Retailers, wholesalers, grocers, third-party logistics providers (3PLs), and industrial distributors-as well as manufacturers of consumer packaged goods (CPG), and products for the food and beverage, aerospace and defense, and pharmaceutical industries- have improved their shipping operations with Infor Transportation and Logistics Planning solutions.

With Infor Transportation and Logistics Planning solutions, which are an integral part of Infor SCM, you can exceed conventional supply chain expectations.

Make better decisions

With Infor Transportation and Logistics Planning solutions, you get tools for strategic and tactical supply chain planning, as well as transportation execution. So, you'll be able to create a plan that effectively meets the demand for moving products, and then execute your plans through collaboration with vendors and logistics providers to improve revenue, increase customer satisfaction, and ensure customer loyalty. Using these planning, execution, and optimization tools, you'll be able to make better decisions and effectively implement them.

Take advantage of a complete solution footprint

From the first mile to the last, Infor Transportation and Logistics Planning solutions deliver a complete solution footprint for handling all of your transportation planning and execution processes across multiple transportation modes, including truck, ocean, rail, parcel, air, and intermodal.

You'll be able to determine what your supply chain should look like, how much inventory you need, and where your inventory should be located, so you can secure better rates with carriers, develop and execute transportation plans for owned or contracted assets, create the most efficient logistical routing for optimal results, and improve visibility from order inception to delivery.

Focus on your specific requirements with the following Infor Transportation and Logistics Planning solutions:

Infor Transportation Planning

With Infor Transportation Planning, you get the world's most powerful transportation planning technology in an easy-to-use, graphical user interface. You can analyze shipment orders based on their origin and destination locations, consolidate them into loads, and determine the most appropriate way to move these loads based on delivery dates and cost constraints. With its point-and-click functionality and interactive map-based graphics, Infor Transportation Planning makes it easy to perform intelligent routing and scheduling of shipments through the supply chain—everything from developing strategies to implementing dynamic, real-time transportation plans.

Additionally, you'll be taking advantage of operational powerhouse. With Infor Transportation Planning, you can optimize daily or weekly transportation plans through freight consolidation, pooling, carrier selection, inbound and outbound integration, including the routing of private, contract, and common carriers. You get support for creating optimal daily or multi-period transportation plans and schedules, as well as "what-if" tactical transportation planning, including the best fleet design and carrier capacity. You can cover the entire spectrum of your specific needs, lower costs, and improve your customer service.

Infor Network Design

Seamlessly integrated with Infor Tactical Planning, Infor Network Design provides a complete solution to help you solve a wide range of supply chain modeling and optimization problems, including inbound and outbound, strategic and tactical, global and regional. Its point-and-click and map-based user interface offers an ideal environment for visual logistics modeling. With this decision support application, you have the tools you need to design and optimize your logistics supply chain. And, you can use Infor Network Design to optimize across your entire supply chain simultaneously, so that you can balance inventory and warehousing costs against transportation and production costs, and create ongoing efficiency improvements in response to customer demand.

You can facilitate decisions involving new property, plant, and equipment (PPE) investments, budgetary constraints, sourcing options, facility location, transportation, specific customer requirements, and more. With Infor Network Design, you have access to additional product capabilities like strategic sourcing, manufacturing planning, inventory positioning, transportation strategy, strategic pricing and market analysis, and interactive map-based graphical modeling.

Infor Route Planning

Welcome to Infor Route Planning; a product with one of the world's most powerful routing technologies, so you can develop strategies for implementing dynamic, real-time routing. With Infor Route Planning, you can perform intelligent routing and scheduling of your transportation assets, using point-and-click functionality and interactive map-based graphics.

Specifically, Infor Route Planning is composed of two seamlessly integrated business applications:

- **Infor Route Design:** A strategic and tactical tool that can be used to optimize service strategies, balance workload, and design master and zone routes.
- **Infor Route Dispatch:** An operational workhorse that you can use to schedule vehicles and drivers on optimal multi-stop routes and track their progress as they complete the stops.

With the enhanced functionality built into Infor Route Design and Infor Route Dispatch, you can cover the entire routing spectrum, to lower your costs and improve your customer service.

Infor Tactical Planning

The point-and-click, map-based user interface in Infor Tactical Planning offers you an ideal environment for visual logistics modeling. Use this decision support application for designing and optimizing a logistics supply chain. Seamlessly integrated with Infor Network Design, Infor Tactical Planning provides a complete solution to a wide range of supply chain modeling and optimization problems over a single time period, as well as over multiple time periods.

When you take advantage of Infor Tactical Planning's flexible and intuitive features, you can solve tactical production planning problems, including production sourcing, seasonal changes in demand, inventory build, and changeover costs over multiple time periods.

Infor Transportation Procurement

With Infor Transportation Procurement, you'll have the tools to streamline the request-for-quote (RFQ) process and determine the best combination of bids to minimize costs across the transportation network while satisfying business constraints and facilitating lane bundling. This decision support application is designed to assist shippers in finding those carriers whose services can best meet their transportation requirements.

Because Infor Transportation Procurement is built on top of the network optimization technology of Infor Transportation and Logistics Planning, shippers can use Infor Transportation Procurement's sequential tendering feature to prepare transportation requirements, evaluate alternative bids, and then select the bids that meet their requirements and have the lowest costs. With a point-and-click, map-based user interface, Infor Transportation Procurement offers an ideal environment for evaluating alternative bids and determining the best combination of transportation services for shippers.

Experience innovation at its best

To stay competitive in a world where innovation is the key to success, Infor Transportation and Logistics Planning helps you optimize your transportation management activities, while also improving product visibility and customer satisfaction. With Infor Transportation and Logistics Planning, you get innovative and cutting-edge capabilities, such as:

Self-service business intelligence: Empower Infor Network Design users to easily analyze data and generate reports, as well as to export data and solutions to an external data source so that they can use it to create business analytics with a tool of their choice, such as PowerPivot or Tableau.

A map-based graphical user interface: Visually represent your shipping operations in a map-based context and directly manipulate logistics objects, such as sites, orders, and routes on screen. The application also supports pop-up menus, allowing you to immediately access the menu commands that are pertinent to the selected object. The specially designed graphics make it easy to visually analyze the configuration and performance of your supply chain.

Emission modeling: Model and optimize the footprint of your greenhouse gas emissions with Infor Network Design to meet sustainability objectives.

With Emission modeling, you can:

- Model variable and fixed emissions.
- Model the greenhouse gas emissions that are associated with various entities and processes in your supply chain network, such as production sites, warehouse, distribution centers, machines, processes, and transportation.
- Model emissions at the product level.
- Set minimizing emissions as the objective of a scenario instead of minimizing cost.
- Optimize emissions while limiting the total cost to a given level or vice versa.
- Optimize costs while limiting emissions by individual facility, by country, or by trade block.
- Generate emissions reports for further analysis.

Comprehensive rating systems: The ratings engines in Infor Transportation and Logistics Planning cover different modes including LTL, FL, Parcel, and Air. Seamlessly integrated with the SMC3 CZAR rating system, Infor Transportation and Logistics Planning includes an industry-standard LTL rating engine. After a simple setup, you can rate your shipments with different tariffs and apply the least expensive tariff to a particular shipment. All products in the Transportation and Logistics Planning suite support SMC3 RateWare® XL web services.

Optimization technologies: Backed by intelligent and sophisticated mathematical algorithms, Infor Transportation and Logistics Planning's heuristic-controlled optimizers generate workable transportation plans that are optimal or near optimal. Transportation plans include multi-stop, profitable backhaul, and continuous move routes as well as shipments that are consolidated through pool points. Rating and sequential tendering are some of the other features that utilize these innovative heuristics and optimizers. With the embedded IBM CPLEX® optimizers, you can solve linear and mixed integer pooling models for a truly optimal solution.

See results now

Globalization demands that companies of all stripes cross over new boundaries. Answer the call with Infor Transportation and Logistics Planning. With these proven, feature-rich components, you can improve profitability, competitiveness, and growth by lowering costs and increasing efficiencies across your supply chain-wherever it extends around the world.

If your existing transportation and logistics solutions are not in-sync with the needs of your business-either because of manual or spreadsheet-based processes, a hard-to maintain legacy platform, or the need to provide more advanced support for your overall supply chain initiatives-now is the time to take a more enterprising view of your supply chain. Best of all, you can upgrade your existing solutions, replace outdated modules, and deploy

new solutions quickly with minimal impact to your existing systems.

With Infor Transportation and Logistics Planning solutions you can:

- Reduce delivery times.
- Improve customer satisfaction.
- Enhance import/export regulatory compliance.
- Increase profitability
- Refine shipment visibility for you and your supply chain partners
- Upgrade responsiveness to change.
- Decrease inventory requirements
- Improve cash flow.
- Increase revenue.
- Lower total cost of ownership.

All of which can help you realize faster ROI.



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About Infor

Infor builds beautiful business applications with last mile functionality and scientific insights delivered as a cloud service. With 13,000 employees and customers in more than 200 countries and territories, Infor automates critical processes and helps eliminate the need for customization through embedded industry domain expertise. To learn more, visit www.infor.com.