



WHY SWITCH?

- Improve on-time deliveries
- Lower transportation costs
- Increase productivity
- Integrate route planning with order fulfillment
- Calculate the costs of routing decisions
- Interactive maps
- Integrated analytics
- Break routing out of its silo as part of a comprehensive transportation management system

DYNAMIC ROUTE OPTIMIZATION FACTORS INCLUDE

Demand

As order volumes fluctuate-by product type or by specific item-Routing adapts route plans to meet demand by selecting optimal equipment and recommending alternative service windows.

Profitability

Syntelic calculates the associated costs for labor, equipment, or by the mile to increase route profitability.

Road Restrictions

Routes must meet current state and federal restrictions governing a truck's maximum height, weight, axle weights, width, length, and hazmat classification.

SYNTELIC ROUTING

Syntelic has long provided industry-leading Transportation Analytics to some of the most successful private truck fleet operations in North America. Now with Routing, Syntelic brings innovation and ease-of-use to truck routing and scheduling. Built from the ground up with modern routing algorithms and flexible tools for handling real world challenges. Routing is designed to adapt to the most demanding distribution environments.

Dynamic Optimization

Syntelic Routing addresses the inevitable challenges that come with fluctuating daily order quantities, order updates, and the periodic need to add new delivery locations. Our leading-edge routing logic balances your business drivers with customer service level requirements.



ABOUT SYNTELIC SOLUTIONS CORPORATION

Since 1996, Syntelic has provided warehouse and transportation solutions for some of the most respected distribution operations in the United States. We are committed to bringing measurable value to our clients' distribution operations by converting information into actionable business intelligence

Equipment Profiling

Orders are matched to available trailer types based on: capacity (by weight/cube/container), product rules, and delivery location rules (for example, trailer size limits for an urban zone.)

Driver Rules

These include DOT hours of service (HOS) requirements as well as any company procedures for driver breaks and layovers.

Flexible Planning Tools

Routing can dynamically create routes as orders are released. Companies with regular delivery schedules can also employ master routes based on order data, depots, delivery locations, and backhaul points.

Interactive Maps

Planners can create and edit routes on a map or in tabular views. They can define geographic service areas, (i.e., urban, suburban, transitional), see and edit geocodes, move stops between routes, split or merge routes, and drill down to order and location details.

Back Hauls

Implement back-haul and shuttle route opportunities to avoid running empty miles.

Delivery Windows

Locations can have multiple service windows to meet complex routing needs such as deliveries based on product types, master route vs. daily routing, and alternative delivery options.

Multi-Day Routes

Planners can build routes for a single day or longer time horizons, schedule layovers, and assign driver teams.

Utilization

Respond to any overloaded or underutilized trucks while considering costs.

Integrated Analytics

Route planners can review actual route performance against plan and make changes as needed.

Scenario Tasting

Planners can pursue “what if” routing scenarios without altering current routes and change multiple variables at the same time such as fuel costs, equipment types, delivery windows, stop sequences, and average order sizes.

Alerts

Syntelic identifies missed stops and can anticipate late deliveries to allow for corrective action.

Resource Management

Syntelic tracks drivers’ availability for route assignments based on their remaining HOS.

Predictive Analytics

Analyze trends, forecast expenses, and develop long-range strategies.

Build Better Routes

Do you use spreadsheets and pivot tables, whiteboards, or paper-based methods to plan routes? It’s easy to import all of your current route information into Syntelic and switch to a better way. Syntelic’s user interface is clean, clear, and easy to use. In fact, users can configure their own dashboards to show only what they want to see, how they want to see it. Use interactive charts, graphs, maps, and tables to make route planning manageable.

- 1 Export route data to GPS units for driver instructions, WMS, Accounting, and other systems.
- 2 Seamlessly access route planning, transportation analytics, and resource manager without needing to import or export data to a different program.
- 3 Use a full-color map to view both a planned route and the actual path taken by the driver. Your customers appear on maps based on their street addresses using geocoded lat-long coordinates.
- 4 View and modify routes on a map with easy drag-and-drop controls and see plan vs. actual mapped.

In summary, routing lets you build better multi-stop routes and responds to real-world challenges.