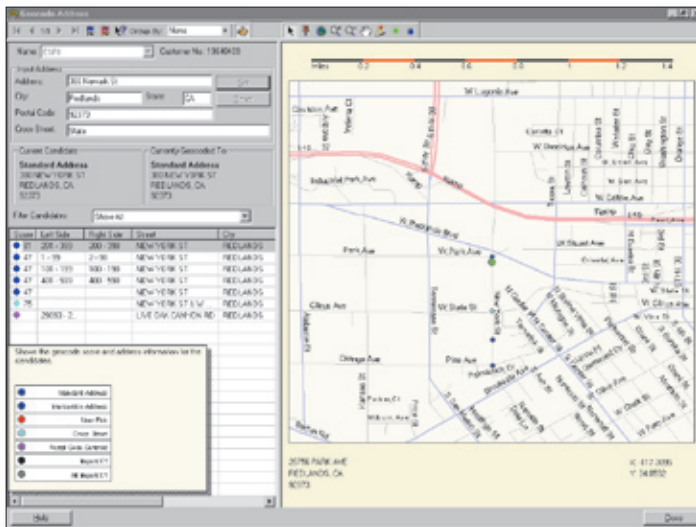# ArcLogistics™ Route

A Complete Routing and Scheduling Solution

ArcLogistics™ Route

A Complete Routing and Scheduling Solution

Routing and scheduling your vehicles is a necessary yet time-consuming task vital to your day-to-day operation. With the technological advances today, you know there must be a better and easier way to do it, but you are too busy running your business to look for a solution. Think you cannot afford to take time to implement a solution? With ESRI® ArcLogistics Route you cannot afford not to.
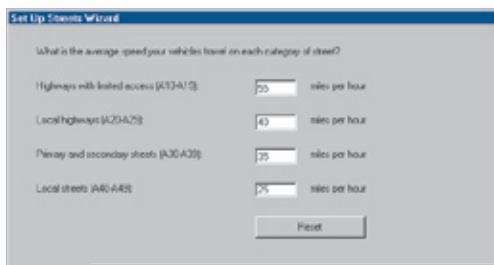
ArcLogistics Route is a stand-alone end user application designed to solve complex, point-to-point routing and scheduling problems, enabling users to create and manage sets of routes for their fleets of vehicles.

By making your operation more efficient, ArcLogistics Route reduces the cost of labor and vehicle expenses and enables you to expand your business using the same resources you have today. You can also improve your customer service and driver accountability.
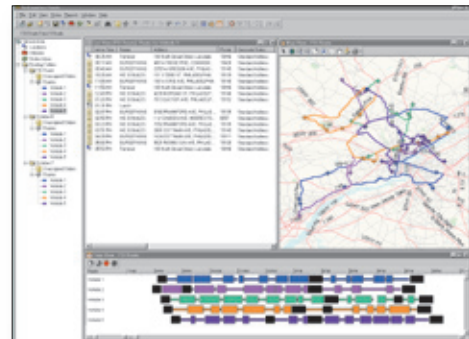
How Does ArcLogistics Route Work?

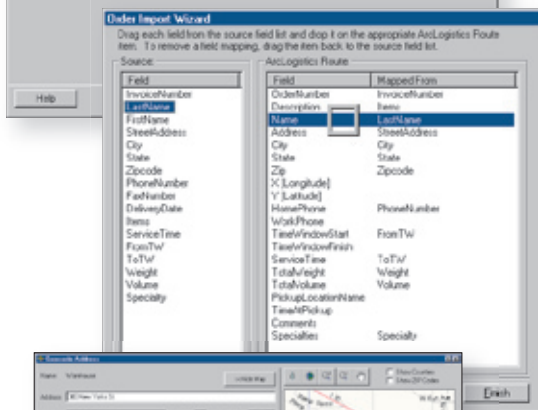While powered by the latest in state-of-the-art technology, ArcLogistics Route is very intuitive and easy to use. ArcLogistics Route …
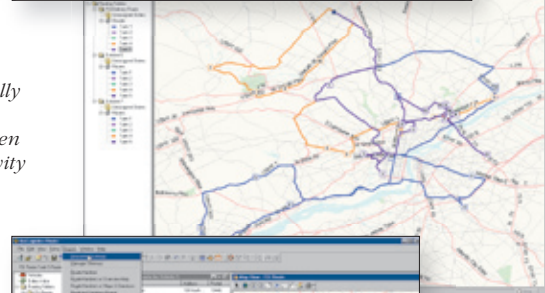

Prompts you to specify vehicle speeds over your street network

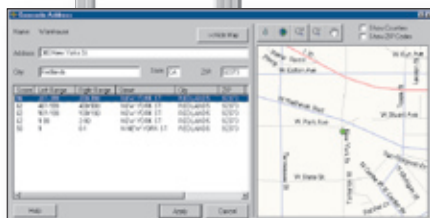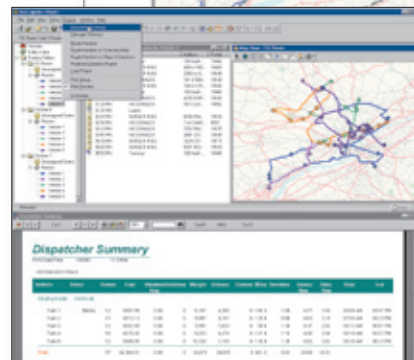*Takes into account the specialty of vehicles and drivers*

Lets you electronically import customer orders from any Open Database Connectivity compliant database

Builds routes based on actual network drive time, not straight-line distances

Automatically finds and plots addresses

Outputs dispatcher summary reports, route overview maps, street-level directions, driver manifests, and more
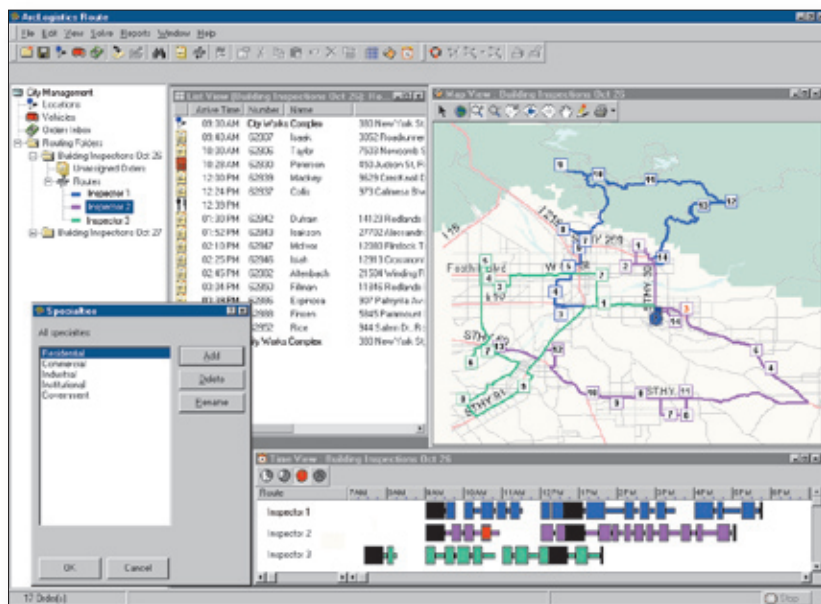
Is ArcLogistics Route for You?

If you need to find locations, assign stops to vehicles, and sequence stops, considering factors such as time, cost, capacity, and productivity, then ArcLogistics Route can save you time and money. Here are some examples of markets in which ArcLogistics Route can greatly impact efficiency and profitability.

Local Governments

Increasingly, local governments are required to cut their expenses and improve their customer service while adhering to complex political or regulatory requirements. ArcLogistics Route is of particular interest to managers in public works, county health, code enforcement, building and safety, fleet management, and public facilities because it allows them to
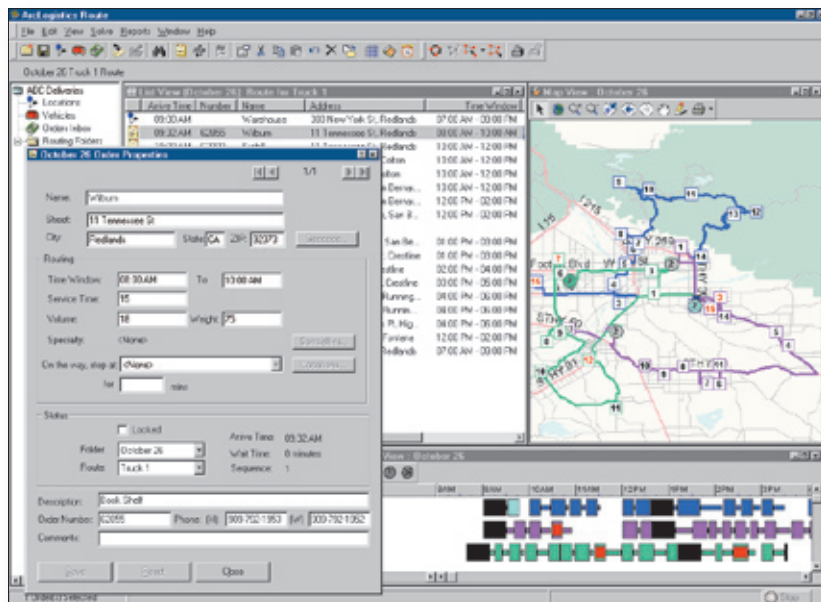
- Meet the challenges of limited resources.
- Improve government services in a community through efficient routing.
- Promptly respond to work orders, inspection requests, and code enforcement demands.
- Increase the number of stops completed.
- Create more efficient inspector territories with balanced workloads.
- Audit mileage and work activity.

Vehicle Fleets for Service and Delivery of Business-to-Business and Business-to-Consumer Goods

From small fleets of five or fewer vehicles to large fleets of hundreds of vehicles, ArcLogistics Route provides desktop decision support at your fingertips. Should your business needs involve static routing, route planning, or dynamic routing, ArcLogistics Route significantly reduces your daily cost of operation while maximizing on time service. By using *real* street/highway distances via roads actually traversed and *not* "crow fly" estimates, you can

- Enable just-in-time scheduling.
- Maximize replenishment efficiency.
- Reduce product cycle time.
- Improve on time performance.
- Minimize overtime.
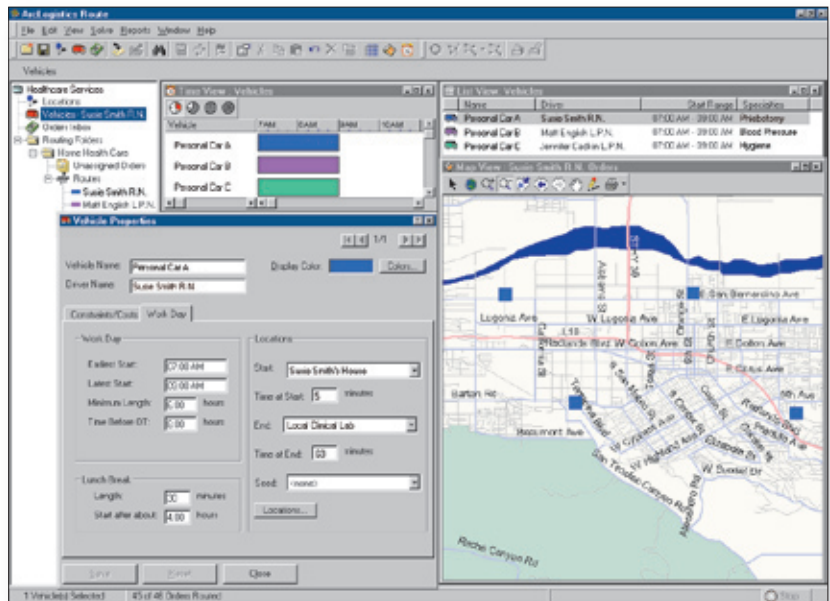- Improve driver accountability.

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Beverage and Food Distribution

Food and beverage distributors need to make deliveries in the most efficient manner when the customer needs them. Whether your business has route sales drivers, static routes, or dynamic routes, ArcLogistics Route can create and recommend the most efficient routes or allow users to build their own routes while adhering to vehicle capacities and customer time windows. ArcLogistics Route does not require you to re-create your customer database within the product; instead, it will simply import the orders to be routed, route them, and export the results to your route accounting system. As an organization using ArcLogistics Route, you will be empowered to
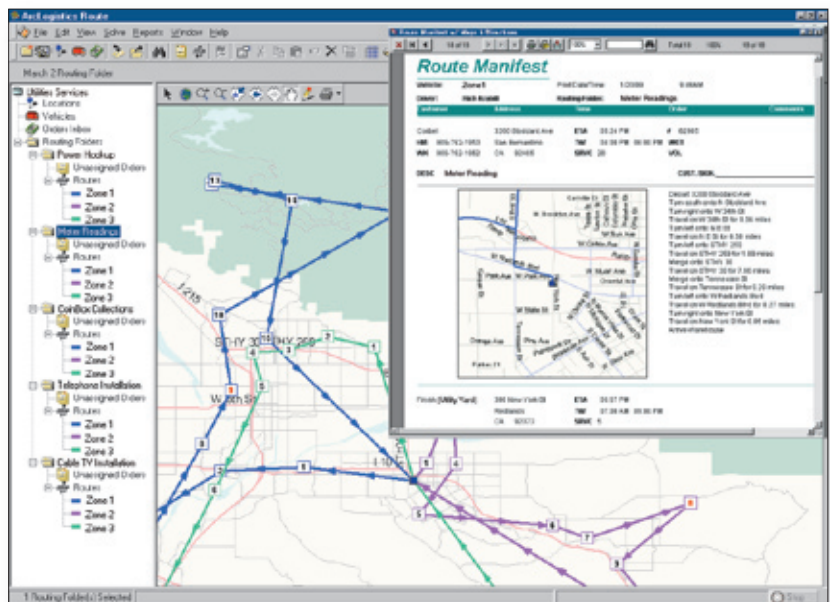
- Create routes in less time, allowing you to organize product earlier.

- Build routes that adhere to vehicle capacities, eliminating potential overloading.

- Honor business rules of vehicle classification (e.g., side loaders) for certain customers.

- Meet customer time window commitments.

- Reduce driver overtime.

- Reorganize your fleet equipment based on what you really need, not what you have.

Utilities and Telecommunication

Private and public utility and telecommunication companies are under constant pressure to reduce operating costs while maintaining or even expanding their existing levels of infrastructure construction, maintenance, and service. ArcLogistics Route can help you

- Enhance work flow through efficient and economic crew dispatch.

- Keep your competitive edge in a deregulation environment.

- Easily modify your schedule to add new stops or respond to emergency calls.

- Improve customer service through more accurate scheduling.

- Minimize windshield time.

- Maximize the number of service calls your technicians make each day.

- Assign calls based on skill codes.

Integrating ArcLogistics Route

ArcLogistics Route can be integrated with your customer database for easy import and export of customer and route information. Many leading route accounting systems and customer relationship management systems have interfaces to ArcLogistics Route. In addition, many leading automatic vehicle location companies have integrated with ArcLogistics Route to enable route and stop information to be displayed with the real-time tracking information. This capability allows users to track their vehicles in relation to the routing plan and display only the vehicles that are either off the actual geographic route or ahead of or behind the predicted delivery schedule.

Everything You Need Is Included
- ArcLogistics Route Software
- U.S. Street Database
- User Guide and Online Help
- One-Year Technical Support

Availability

ArcLogistics Route is available for Windows® 98, Windows NT® 4.0, 2000, Me, or XP operating systems. An Intel® Pentium® processor and 128 MB RAM are recommended.

ArcLogistics Route contains quality components from these fine companies.

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About ESRI

ESRI, the world leader in the ever expanding field of geographic information system (GIS) technology, has 100,000 client sites worldwide. ESRI's reputation is built on decades of experience helping businesses and organizations solve real-world problems using geographic information and state-of-the-art technology.

ESRI continually strives to improve its software and services. ESRI software is significantly more advanced than competitive products in both functionality and quality. Substantial software enhancements, new product features, innovative training courses, and continual application development services make ESRI your best choice for GIS today and tomorrow.

"With ArcLogistics Route, ESRI is continuing a tradition of providing our clients with the right tools to help them increase productivity and improve customer satisfaction."

Jack Dangermond
ESRI President

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For more than 30 years ESRI has been helping people manage and analyze geographic information. ESRI offers a framework for implementing GIS technology in any organization with a seamless link from personal GIS on the desktop to enterprisewide GIS client/server and data management systems. ESRI GIS solutions are flexible and can be customized to meet the needs of our users. ESRI is a full-service GIS company, ready to help you begin, grow, and build success with GIS.

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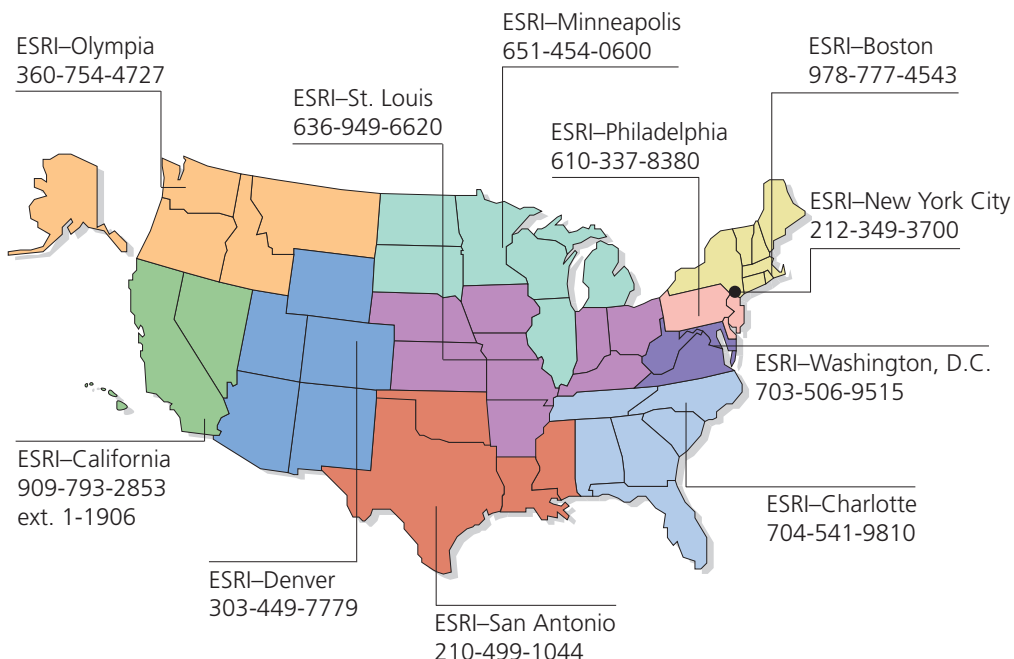For more information
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