

ROUTESMART FOR

POSTAL & PARCEL DELIVERY

Analyze and Improve Distribution Operations to Increase Efficiency & On-time Performance

- ▶ E-commerce Fulfillment
- ▶ Parcel and Express Mail Services
- ▶ Letter Carrier Round Planning
- ▶ Door-to-door Distribution and Unaddressed Mail



The world's most intelligent routing system

routesmart.com



Route Optimization Maximizes Service & Savings

RouteSmart software solutions are scalable and can be deployed in a number of ways to suit the needs of your organization.

- On-premise solutions support large-scale optimization projects to redefine and improve delivery and collection round structures and line-of-travel delivery order sequencing
- Hosted, cloud-based, managed service solutions support daily delivery order sequencing for e-commerce parcel delivery routes

Build the most efficient routes to support the methods and key requirements of your organization, including:

- Declining mail volumes
- Increases in parcel volumes
- Time-sensitive deliveries
- Convergence of parcel and mail operations
- Every-other-day (A/B) service scenarios
- Variable fleet characteristics and modes of delivery
- Unaddressed deliveries and door-to-door distribution
- Newspaper delivery

Effective Routing is Your Key to Operational and Service Success

Software solutions and professional services from RouteSmart Technologies allow you to meet the needs of large-scale distribution operations. RouteSmart's core capabilities and experience can help your organization reduce costs, improve efficiency, and adapt to ever-changing routing scenarios. Support the needs of your organization in the 21st century by reducing route planning time from months and days to hours and minutes with the speed and precision of software from RouteSmart Technologies.



RouteSmart – Built for Postal & Parcel Distribution Routing

Efficient distribution planning is the key to operational competitiveness in the changing field of postal and parcel distribution. Whether you are managing the growth of e-commerce or adapting to the decreasing volume of letter mail, automating your routing process is the key to maintaining operational effectiveness and positioning your organization for future opportunities.

PARCEL DELIVERY AND PICKUP

E-commerce fulfillment is driving parcel volumes higher, and there are opportunities for growth for distribution businesses. Efficient route territory planning and daily delivery sequencing are essential to remain competitive and manage steady growth.

Software solutions from RouteSmart enable you to manage distribution requirements such as:

- Meeting time-definite delivery commitments
- Decreasing total route times and distance
- Automating delivery order sequencing
- Increasing stops per on-road hour

RouteSmart Technologies provides both on-premise and hosted subscription services for daily routing execution automation. Combining a powerful feature set with expert implementation and experience, RouteSmart software solutions are a trusted choice for organizations tasked with managing parcel delivery and pickup distribution operations.



LETTER CARRIER ROUND PLANNING

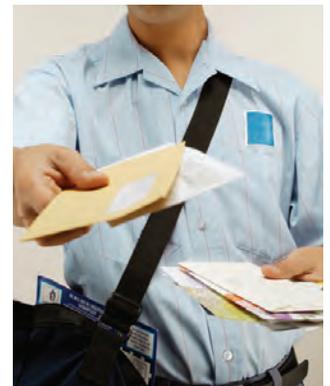
Mail volumes are decreasing, however, the number of addresses that are required to fulfill your service obligation are increasing. Controlling costs through efficient routing is paramount to maintaining your competitive advantage as the industry continues to evolve.

Software solutions from RouteSmart enable you to transition with the market and create distribution scenarios that:

- Model multiple modes of service – walking, driving, and cycling
- Balance rounds with park and loop-style distribution
- Optimize walking and driving service using algorithms designed for postal carrier routing
- Rationalize service scenarios such as every-other-day delivery, parcel and mail convergence, and delivery of additional products, such as newspapers, periodicals, and other products

With a large portion of all delivery costs spent in last-mile delivery operations, planning tools from RouteSmart Technologies enable savings that simply are not possible to achieve via traditional manual planning processes.

RouteSmart software is relied upon by the largest national posts, including USPS, Itella, Australia Post, and Swiss Post, and our solutions continue to evolve to enable new levels of operational savings to be realized.



DROP BOX COLLECTION

Pickup is a critical component of the postal and parcel industry. Once a package is deposited with you, there is a high expectation from your customers that their packages and letters will be picked up in a timely fashion and processed without delay.

RouteSmart software solutions help ensure that you meet your obligations for servicing drop boxes and other collection points efficiently while factoring for variables such as:

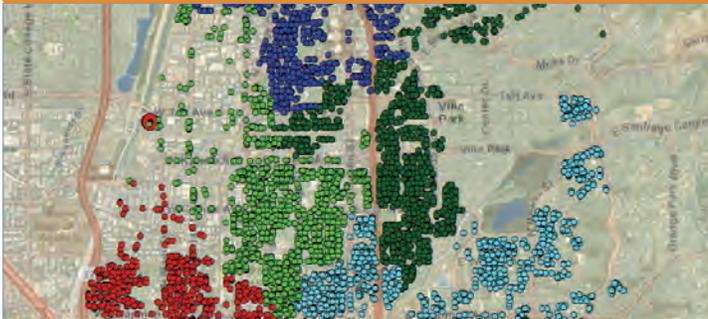
- Optimizing within posted pickup times
- Integrating with existing collection rounds
- Accounting for vehicle capacity constraints
- Modeling daily and seasonal collection volume variations

RouteSmart software solutions enable precise planning of operating practices that must be taken into account to manage pickup collection runs to provide high levels of customer satisfaction.



RouteSmart Product Features

Balancing



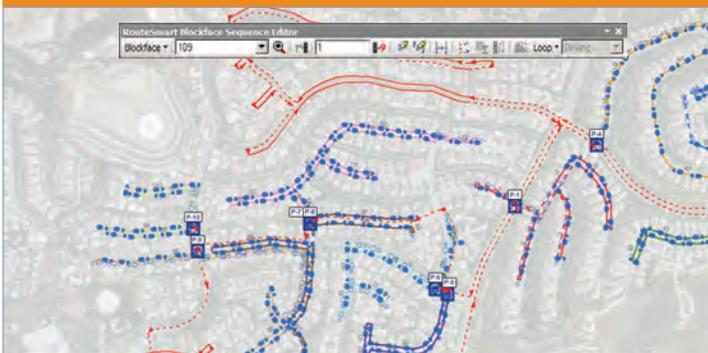
Leverage RouteSmart's advanced solvers to create balanced workloads. Balance routes based on total time, fixed number of carriers, and other parameters. RouteSmart solvers are specifically designed to handle large-scale, high-density routing problems quickly.

Sequencing



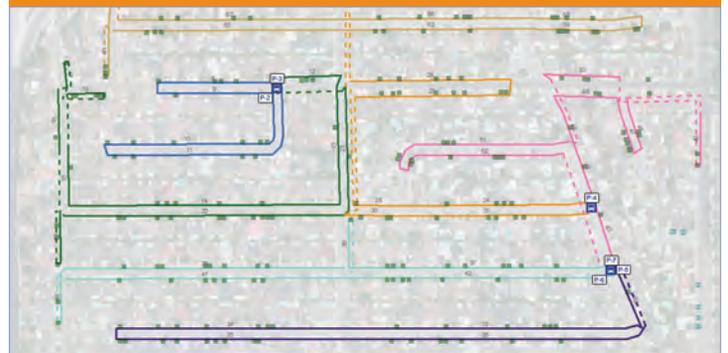
Side-of-street, address-specific calculations from the solvers provide precise results. Rapid-editing tools designed to make adjustments that represent valuable local area knowledge allow routes to be fine-tuned at multiple levels – block-by-block or single delivery.

Mixed Mode



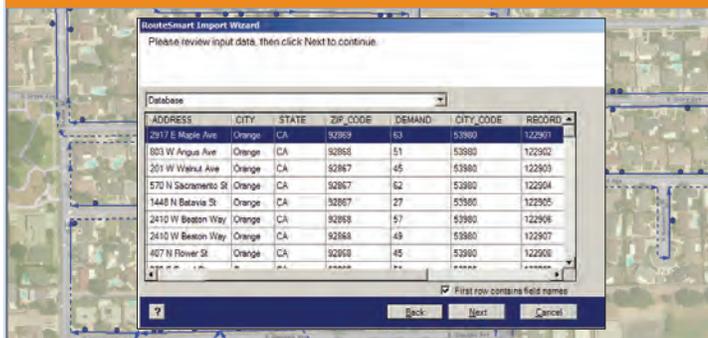
Define the mode of service, walking or driving, for each route using advanced RouteSmart tools built for postal and parcel delivery. Set precise travel speeds and account for walking fatigue to model the most accurate routes.

Park and Loop



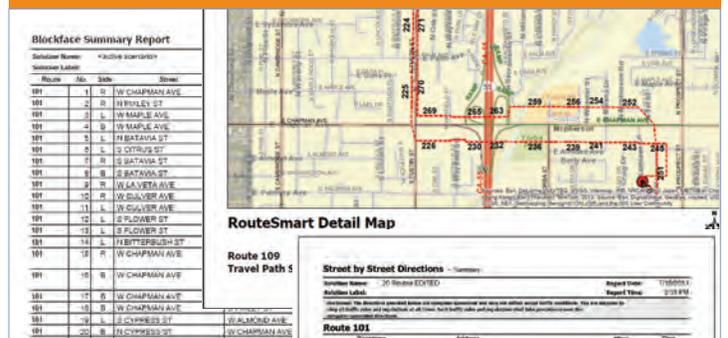
Set maximum demand values and walking distances, and create walking tours that allow carriers to return to the vehicle to reload the delivery bag. Minimize the amount of walking without service with RouteSmart Park and Loop functionality.

Importing and Exporting Data



Integration with your existing address management and sorting systems is easier with RouteSmart Import and Export Wizards that guide you through the process. Rapidly display your customers on the map with flexible RouteSmart tools.

Reports



Route Summary Reports and Solution Comparison Reports show you how much you have improved. With more than 25 standard reports in RouteSmart, you can view reports geared specifically toward your operations.

At the Forefront of Route Optimization Technology

Leading organizations in the postal and parcel delivery, public works, utilities, and newspaper industries have come to rely on RouteSmart Technologies to solve their complex routing problems. With an unrivaled combination of insight, experience, and industry specialization, RouteSmart Technologies has established itself as a leader in vehicle route optimization software technology for the community of clients we serve.

RouteSmart route optimization technology is driven by people with a passion for vehicle routing technology that achieves measurable results, and is continually being enhanced by an expert team focused exclusively on the needs of our clients. Composed of the leading geospatial technologies from Esri and HERE (NAVTEQ and Nokia Maps), RouteSmart software integrates with client-side systems to form a complete routing solution for meeting the demanding operational needs of the industries we serve.

Our Experience Improves Your Results

In our fourth decade of providing sustainable route optimization solutions that sweat the details of solving the most complex routing challenges with the highest degree of precision and processing performance, RouteSmart Technologies and our network of exclusive distributors are passionate about driving costs and inefficiencies out of our customers' routing operations. With deployments that span the globe, RouteSmart Technologies software forms the backbone of organizations that are responsible for servicing millions of addresses on a daily basis.

RouteSmart Technologies works with the largest organizations responsible for routing effectiveness. RouteSmart for ArcGIS® from RouteSmart Technologies is relied upon for its comprehensive suite of capabilities for balancing routes and creating operational efficiencies for our clients' operating environments.

Hundreds of organizations worldwide work with RouteSmart Technologies and form a community of user experience that is unrivaled among the competition.

Nothing Speaks Louder than Success

See firsthand how we have helped public organizations and private companies worldwide streamline their routing and realize a significant return on investment. Visit our Success Center on the web, stocked with case studies and videos: routesmart.com/success

This Way Forward

To optimize your routes with RouteSmart Technologies, call us at **800.977.7284** or visit routesmart.com today. See real routing results in your future.



The world's most intelligent routing system

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