



can either

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- its results provided to you with our Routing Service Bureau in coordination with our industry-specific experts.



➤ Saves Money



➤ Saves Time



➤ Saves Fuel



➤ Saves CO₂



➤ Saves Grief



CIVIX
Routing Software
and Solutions

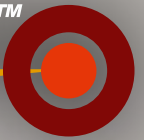
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Route Optimisation
Software & Solutions



FleetRoute

is GIS-based Route Optimisation Software that solves the most complex routing problems. *FleetRoute™*'s sophisticated algorithms are flexible yet easy to use. It provides solutions that are realistic and usable by crews around the world.

Applications

FleetRoute™ is a unique software system that can handle both high-density and low-density routing problems. We have solutions specific to each of our market application areas:

High Density

- ⊙ Residential Waste/Recycling Collection
- ⊙ Street Sweeping
- ⊙ Snow Removal/Gritting
- ⊙ Meter Reading
- ⊙ Local Delivery
- ⊙ Street Surveys ...

Low Density

- ⊙ Bulky Waste Collection
- ⊙ Commercial Waste Collection
- ⊙ Meals on Wheels ...

Analysis

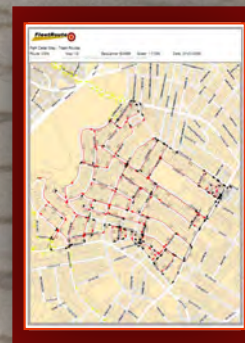
- ⊙ Optimal Facility Location
- ⊙ Nearest Facility and Districting by Drive-Times
- ⊙ Cross-Boundary Working Analysis ...

Save 10-20% Annually

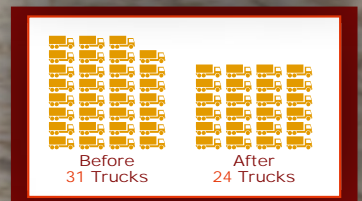
FleetRoute™ can typically save from 10-20% off your annual operating costs by:

- ⊙ Maximizing productivity of vehicles and crews
 - Optimising travel paths to reduce deadheading
 - Lowering fuel and maintenance costs
 - Reducing mileage and CO₂
 - Balancing route times, service days, and districts
 - Reducing labour and overtime costs
- ⊙ Integrating new customers into routes and facilitating expansion
- ⊙ Improving customer service
- ⊙ Easing training of new drivers and dealing with broken-down vehicles

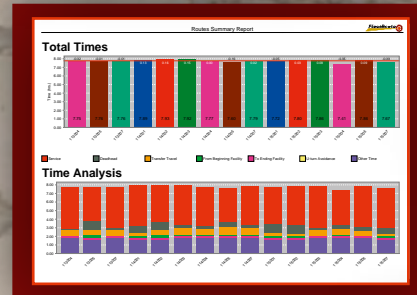
Balance Routes



Optimise Travel Paths and Sequence Stops

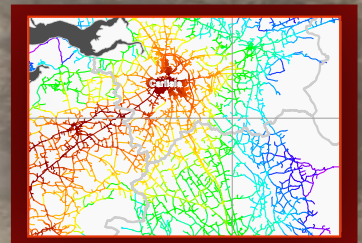


Reduce Resources

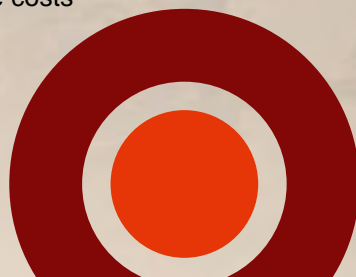


Manage Crews

Analyse Options



Route Optimisation Software & Solutions



FleetRoute™



BayWatcher



Recorded video / image analysis of your routes to capture all relevant operational and safety information from the field

Data Collector



Tablet based app to capture all relevant operational and safety information by your drivers or field surveyors

Strategic Options



Evaluate and compare all possible ways to design and organise your operation to minimise resources and cost

Route Optimisation



Optimise and create your routes using real-world data and constraints to maximise productivity

Optimisation
Is
at the Center
of
Everything We Do

Daily Operations Manager



Dispatch routes; track, trace and monitor their performance; view and manage exceptions; communicate with your drivers; feed data back into strategic options and route optimisation

FleetRoute Navi



In-cab navigation, work-order management, job completion status; exception reporting and messaging

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