

Information Sheet

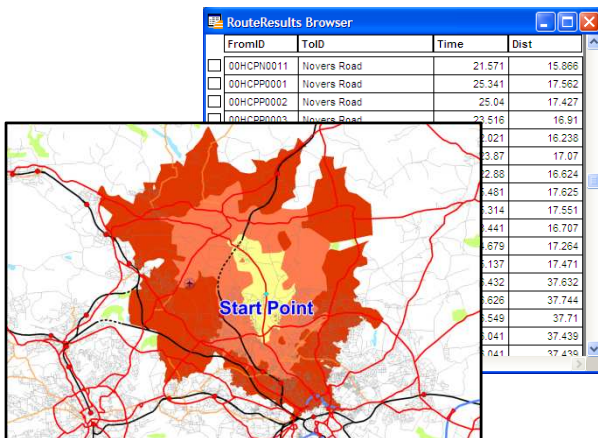
RouteFinder for MapInfo

Product Overview

RouteFinder is an application for MapInfo Professional users who need to determine drive times, solve routing-related problems, or perform network analysis without any programming.

RouteFinder for MapInfo can be used to:

- Create isochrones from one or more points at a time
- Create time and distance matrices between points
- Calculate the route from one point to another, with any number of via points
- Calculate the best sequence (quickest route) in which to visit a number of locations
- Determine optimal service areas
- Get route and turning descriptions
- Import your own road network and customised road speed settings
- Work with very large networks



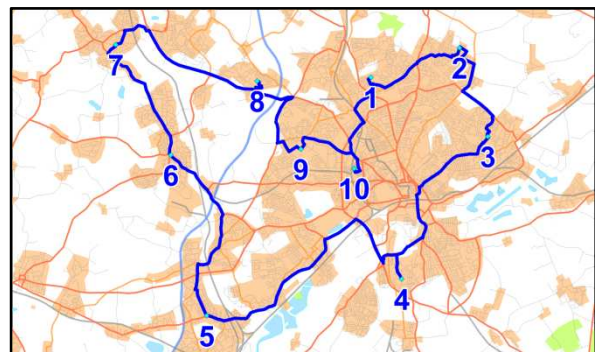
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Isochrones and Matrices from RouteFinder for MapInfo

Applications

RouteFinder for MapInfo has a broad range of application for planners, analysts and managers in many fields including retail, sales and marketing, franchising, media &

advertising, property, transport planning, market research, health and local government services.



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Quickest route between customers using RouteFinder

Applications include:

- Accessibility analysis
- Site location analysis (Gravity modelling)
- Salesman planning (Call scheduling)
- Nearest facility queries
- Delivery routes
- Emergency planning
- Fire station analysis
- Media planning
- Office location analysis
- Risk analysis
- Route planning (Route and driving directions)
- School bus routing and districting

Product Features

Three different versions of the product are available (Free, Standard and Pro) with varying feature levels, so you can select the solution most appropriate to your requirements. The features offered in each of these versions are listed in the table overleaf.

RouteFinder is operated using a combination of menu options and the RouteFinder toolbar within MapInfo Professional.

RouteFinder for MapInfo Feature Matrix

Feature Description	Free	Standard	Pro
Size of datasets (number of links)	0-3,000	0-500,000	0-16,000,000
Support of all MapInfo coordinate systems (also latitude/longitude)	Yes	Yes	Yes
Supports MapInfo Street files	Yes	Yes	Yes
Creates topological networks directly from TAB files	Yes	Yes	Yes
Z-level in files	Yes	Yes	Yes
Km or Miles as unit of distance	Yes	Yes	Yes
Shortest / fastest path with point-&-click	Yes	Yes	Yes
One-way streets	Yes	Yes	Yes
Via points	Yes	Yes	Yes
32 road classes	Yes	Yes	Yes
Multiple speed files	Yes	Yes	Yes
Dynamic segmentation mode (mid-link joining)		Yes	Yes
Routing via selection from gazetteer, i.e. towns		Yes	Yes
Travelling salesman with point-&-click		Max 300 cust.	Max 3000 cust.
Isochrones (polygon-based)		Yes	Yes
Batch job operation		Yes	Yes
Multi-centred isochrones (voronoi-based)		Max 300 centres	Yes
Multi-centred isochrones (link or grid-based for analysis of location of facilities)		Max 300 centres	Yes
Drive time/distance matrices with route objects		Max 300 centres	Yes
Nearest centre analysis		Max 300 centres	Yes
Nearest N centres		Max 300 centres	Yes
Update Point Table		Yes	Yes
Route Pairs		Yes	Yes
Route descriptions		Yes	Yes
Dynamic cut-offs and slowing down of links			Yes
Use of limits (such as max weight etc)			Yes
Tools for identification of network issues: Subnets, Parallel links, Cul-de-sacs, Close nodes, Join links, Unused links, Overpasses check, Node-link check			Yes

Benefits

- Utilises an extremely fast routing engine to provide a quick and efficient means to calculate routes, travel times and distances in MapInfo Professional
- Dynamic segmentation allows times and distances to be calculated with greater accuracy

- Batch functionality in Pro version allows very large matrices to be generated with no maximum number of points
- Highly flexible allowing any topologically correct road network to be used, and including tools for network analysis
- One-off fee for the software – no mandatory annual costs
- Can be applied to different types of network e.g. public transport networks
- Global user base and support available
- Increased operational efficiencies can result in huge cost savings in terms of time and fuel

System Requirements

RouteFinder runs on any 32-bit Windows version (95/98/ME/NT4/2000/XP) and requires MapInfo 4.1.2 or newer

Uses 3 MB hard disk space (includes sample data)

Memory requirements depend on the size of your road data: 100,000 links equals approx. 5 MB RAM

Licensing and Formats

RouteFinder can be licensed for either Free, Standard or Pro versions and is easily installed in minutes.

We offer two maintenance options:

- All updates and e-mail support 30% annually
- All updates, but no support 20% annually

RouteFinder includes sample road data from these datasets:

- AA (UK, copyright of the Automobile Association)
- GisNET (UK + Ireland)
- Collins Bartholemew (UK)

Additional services are available through The Wendover Group including the provision of suitable road networks for use in RouteFinder. We also offer free assistance in setting up your own networks, and training if required.

Call us to request a copy of the Free version, or a 14 day trial version of the Standard or Pro version.

For further information and pricing please contact us on +44(0)1296 768633 or email info@thewendovergroup.co.uk.