

Map-a-Route Cloud Dynamic Routing Software

Take control of your routes and create real-time updates for your gritting network

Overview

Map-a-Route Cloud dynamic routing software from Exactrak enables users to quickly and easily create detailed winter maintenance routes, and transfer them to vehicles at the touch of a button.

Designed to be used in combination with the Navtrak in-cab navigation system, Map-a-Route can be used to instantly record, create and edit complex routes whenever they are required for all local authority vehicles including gritters, gully emptiers, waste and recycling vehicles, grit bin fillers, school buses and road sweepers.

The software is powered by enhanced mapping technology, OS MasterMap Highways Network, which provides the latest updates on road infrastructure and utilises key road section attributes including class of road, road width and topography values to determine highly accurate journey times.

Key Features

React to changes in real time

Quickly and easily edit or amend routes to effectively react to changes. Reduce coverage based on temperature fluctuations or react to diversions in road conditions to save time and resources.

Customise your routes

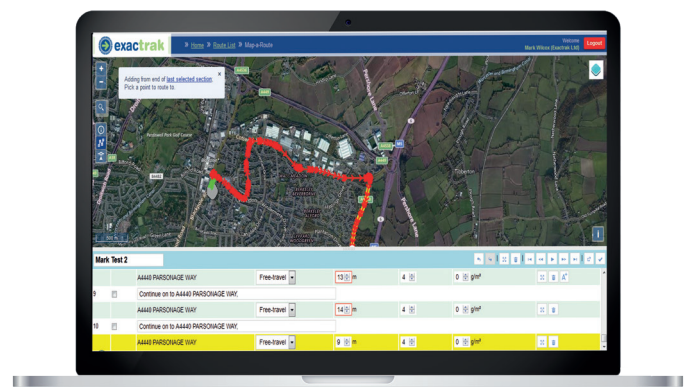
Generate customised instructions for individual route navigation, including turn-by-turn guides for drivers. Manage gritter automated spreading control and edit multiple passes of travelled road sections to differentiate between salting and free travel.

Available 24/7

Users have full control of their route network and visibility of their data through a dedicated online portal. All route creations and amendments are stored in the software, providing a full audit trail with a date and user name assigned to each edit.

Benefits

- ➔ Remotely create and manage multiple vehicle network routes
- ➔ Unlimited route downloads directly to one or many vehicles
- ➔ Quickly and easily adapt routes to react to diversions or changes in road or weather conditions
- ➔ Accurately forecast resources such as fuel and winter salt with 24/7 access to your data



Utilise the latest mapping technology

Set default road width and asymmetry values, utilise data derived from surveyed road widths, or apply motorway lane numbers for both driving and spreading lanes. Calculate accurate route timings and distance statistics based on configurable driving speeds for both spreading and free travel sections.

How it works

Whether you have existing Exactrak routes or are starting from scratch, dynamic routes are quick and easy to create with Map-a-Route Cloud.

Existing routes

Existing Exactrak routes can be uploaded to the Map-a-Route portal and edited or amended as required.

Existing tracked routes with attribute data can also be imported from your Exactrak database from a specific day/night.

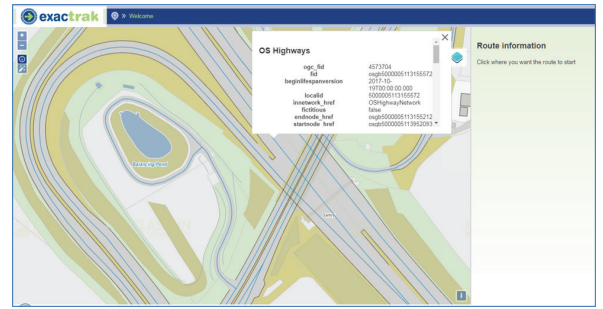
New routes

To create a new route from scratch within the Map-a-Route portal, select a start point from the map and add additional points in sequence. While creating the route you can edit each section to add customised instructions or make auto-salting changes. Navigation instructions can be added to each section or parts of a section to ensure the driver understands where to travel.

Replaying the route before it is published will ensure it is viable as Map-a-Route will automatically advise of any errors if a route has missing links or attributes.

Powered by the cloud

Once published, routes are directly transferred to vehicles using mobile communication - with no manual upload required.



Map-a-Route Cloud software showing network attributes of the chosen OS road segment



Map-a-Route Cloud software showing link to streetview



Map-a-Route Cloud fully supports remote working