

ex~~a~~ctrak

any driver. any route.

route creation and optimisation

delivering efficient winter
maintenance network coverage

Managing the unique nature of winter maintenance requires a combination of careful planning and balancing resources to achieve optimum road network coverage. Implementing optimised winter routes can lead to up to a 10-15% reduction in fleet costs, by increasing vehicle utilisation and potentially reducing fleet size, while still maintaining network coverage.

The intuitive route creation tools within Map-a-Route Cloud utilise the latest mapping technologies, making it easy to plot and design the most efficient routes for optimum performance, allowing local authorities to deliver a high-quality service to communities while remaining within budget.



challenges

Thoughtful route planning requires time, but given the ongoing challenge of shrinking budgets, allocating resources to analyse and optimise every route might not always be feasible. Moreover, when you factor in the complications that arise from unforeseen route changes demanding swift updates to printed route cards, the potential for overlooking roads or excessively salting certain areas becomes a significant concern. These oversights can lead to substantial financial repercussions and pose risks to public safety.

benefits

optimise resources

With Exactrak's route creation and optimisation software, local authorities can improve the efficiency, accuracy, and cost-effectiveness of routes by creating comprehensive route plans for the entire vehicle fleet – all from one central location.

Determine the exact amount of salt required for distribution across individual routes or the entire network route, considering elements such as road widths or terrain changes on individual route sections.

Utilising the software's post-analysis reporting tools, local authorities can plan future vehicle activity and resource use (including vehicle use, fuel and labour) or identify areas of potential savings, while maintaining full network coverage.

futureproof route knowledge

Digitally capture and preserve driver route knowledge to mitigate the risk of knowledge loss if drivers leave. Driver feedback can also be used to fine-tune routes, taking into account stubborn areas or route anomalies.

scenario planning

Utilise Map-a-Route's unlimited route downloads feature to create multiple route scenarios, secondary routes or multiple variations of the same route with no additional licensing costs.

Combine maps with road surface temperature data to create bespoke auto salting routes, allowing extra coverage on particular cold spots within a route, or adjust spread rates depending on weather conditions.





create



navigate



report

key features

calculate accurate **route timings** and distance statistics based on driving speeds for both spreading and free travel sections

manage hazards such as railway crossings with **precise on/off** salting

create routes quickly and easily with the Snap to Road route tool and Street View, which help to navigate complex road sections and obstacles

post-analysis **reporting tools** to chart vehicle activity

24/7 data access via the Exactrak portal

full audit trail and data security with 21-year data storage


secure, end-to-end encryption enabled by Microsoft Azure platform

about Exactrak

Exactrak is a data-driven service provider that is committed to solving the challenges of local authorities.

With a wide range of solutions, from real-time vehicle tracking to route optimisation, Exactrak helps local authorities make better decisions and manage their resources more effectively.

Contact Exactrak:

 Exactrak,
Foundry Lane, Smethwick,
West Midlands, B66 2LP

 0845 246 2778
 sales@exactrak.co.uk

