## **GET IN TOUCH**

Contact one of our team today to discuss how we can help you deliver your winter service more efficiently and save money.

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### Winter Service Solutions Limited

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#### Helping you deliver effective winter service

- De-icing Liquids
- Road Surface Temperature & Salinity Measurement
- Mobile Road Condition Sensing

- Driver Navigation & Route Compliance
- Salt Stockpile Sheeting
- Live Vehicle Video Capture & Replays
- Ceramic Snow Plough Blades
- Cycleway Treatment with Telematics

# **INNOVATIVE WINTER PRODUCTS & SOLUTIONS**

RELDING

For Local Authorities, Highway Contractors and Winter Service Practitioners





### WINTER SERVICE SOLUTIONS YOUR WINTER SERVICE PARTNER

At Winter Service Solutions, we specialise in delivering winter service solutions for Local Authorities, Highway Contractors and Winter Service Practitioners across the UK.

Our dynamic approach and collaboration with experienced and innovative teams make us the go-to choice for those seeking better and cost-effective services. Recognising the unique challenges faced by winter service providers, we pride ourselves on manufacturing, installing, and supplying cutting-edge products and services. By partnering with Winter Service Solutions, Local Authorities and Highway Contractors gain access to a wealth of expertise and forward-thinking solutions.

Our mission is to empower our clients to deliver highly effective winter services which follow National Guidance and reduce costs. Winter Service Solutions stands as a beacon of innovation, committed to enhancing the efficiency and performance of winter maintenance operations throughout the UK.

Road Surface Temperature

& Salinity Measurement

Mobile Road

**Condition Sensing** 

Live Vehicle Video

**Capture & Replays** 



## COST-EFFCTIVE INNOVATION OUR RANGE OF PRODUCTS & SOLUTIONS

At Winter Service Solutions, we specialise in delivering winter service solutions for Local Authorities, Highway Contractors and Winter Service Practitioners across the UK.



#### **De-icing Liquids**

Liquid de-icers are a fast-acting alternative to traditional salt and grit for clearing and melting snow and ice, that are also environmentally friendly. Being non corrosive they are ideal for use on cycle ways and sensitive structures. Delivered ready for use.



#### Road Surface Temperature & Salinity Measurement

The ideal infill sensor for your network to supplement your existing weather station and forecasts with real time, web based data. Ultra long life battery powered unit with eSIMM cellular communications and API to feed into your weather forecast provider. Sensor records in real-time RST, Salinity, Dew Point and Rainfall, all viewed through a secure WEB portal.



#### **Mobile Road Condition Sensing**

The mobile road condition sensor features improved road surface analysis through an optical sensor. Providing surface state, friction, contamination layer thickness, surface temperature along with dew point and air temperature measurement. A solid state design with no moving or wearing parts. Data viewed through WEB portal with integrated real time photographs of the road surface taken at preselected intervals and at preselected locations.



#### Live Vehicle Video Capture & Replays

Real-time, live and multi-camera video capture with integrated GPS to see a full drivers eye view as the vehicle travels along its journey. The multiple images all viewed through a WEB portal and can be downloaded to replay at a later date to support incident claims, Driver Training and general network awareness. The data is fully integrated with our Telematics to display a live current image at a given point in time. Data is archived for future references.



#### Salt Stockpile Sheeting

A cost-effective solution to easily protect and access your working salt pile with a highly durable, UV stable, PVC sheeting system tailored for any size Salt Piles. Enhanced Weather Proof Solution for Strategic Salt Stores fully reusable and modular in design. Free standing salt piles can be combined with modular concrete block retaining wall to provide additional storage capacity on a smaller footprint. Provision of a complete turnkey solution from engineer certified design, supply and installation available.





#### Driver Navigation & Route Compliance

The most advanced Cloud based Winter Telematics solution available in the UK with Driver Navigation, Route Adherence Alerts with fully Automated Spreading. Compatible with all the respected gritter manufacturers to return gritting attribute data. Full engine management data retrieving odometer, fuel level measurement and usage, idling time, CO2 along with a host of other available data. Live Active Treatments views, with automated Spreading compliance reports when vehicle returns to the depot and live messaging back to the driver via the navigation tablet. In addition a pre run Vehicle Inspection can be recorded tailored to requirements. Data can be shared for a general public view to aid communication through an Authorities own WEB site.

#### **Ceramic Snow Plough Blades**

These Norskal ceramic blades combine steel, rubber and 'Corundum', One of the hardest materials on Earth. A combination which delivers the hardest wearing plough blade available. This special design provides for an extended life 20 times longer than compared to traditional blades. Fitting ALL snow plough types, Norskal blades allow ploughing "Back to Black" reducing de-icing salt usage and saving money.



## Cycleway Treatment with Telematics

High quality market leading and robust Liquid De-icer Mini Combi Tractor. The tractor package incorporates a 400 litre polypropylene tank with built-in suction fill device for ease of filling. The liquid de-icing sprayer has three spraying sections; Nearside 2m offset nozzle; Middle 1.2m wide spray bar and Offside 2m offset nozzle. All electronically controlled adjusting output linked to driving speed. Fitted with a 1.3m front-mounted snowbrush enables work on narrow cycleways and manoeuvre around bollards and other street furniture. Full telematics to record and report on all spraying and sweeping activity Live. Available to Hire or purchase.

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