

# Vaisala Wx Horizon Pro

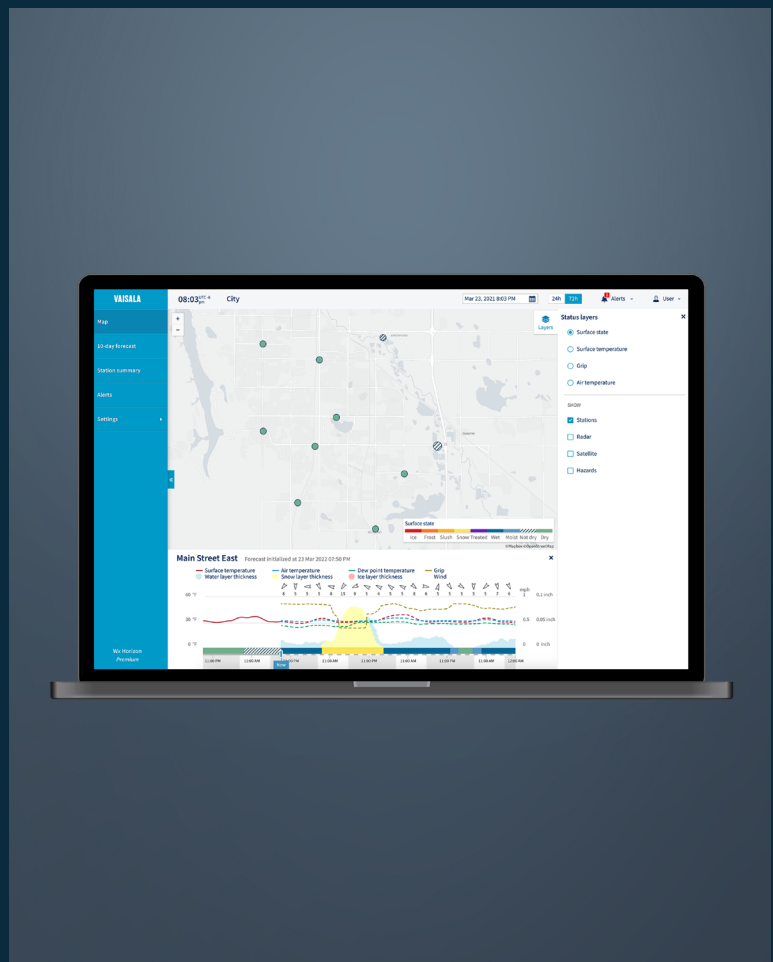
VAISALA

## Product Spotlight

### Bring actionable insights and predictions to your winter road maintenance

When it comes to winter maintenance, better decisions can save lives. You need to know what time the next storm will hit and which areas will be most affected.

Vaisala Wx Horizon Pro, part of our Xweather family of subscription based products, is a weather hazard impact portal that delivers insights into current and future road conditions. The fusion of accurate measurements with industry-leading weather forecasting and best-in-class road weather models delivers actionable information specifically for transportation.



## Key benefits

Wx Horizon provides long-term atmospheric and pavement condition forecasts using our proprietary road weather model.

Wx Horizon leverages data from Vaisala GroundCast IoT sensors.

Save time with an alert notification system, rather than continuous monitoring.

Define your virtual pavement forecast points to give yourself highly-relevant data.

Wx Horizon features a secure, cloud-hosted environment.

## Why Vaisala?

Vaisala's weather and environmental technologies take every measure for unrivaled road network awareness – keeping roadways safe and efficient in any season.

Our instruments and intelligence are built on 85+ years of innovation and are known as the gold standard for precision and reliability. We understand how accurate data and insights do even more by driving sustainable road operations and climate action. Our holistic approach provides customers with end-to-end simplicity, valuable partnership, and a comprehensive portfolio that is constantly evolving.

As recognized experts in transportation, we continue to channel our curiosity into new ways of making roadways safer and more efficient than ever.

There is no substitute for real-time measurement. Wx Horizon Pro leverages key GroundCast IoT sensor measurements with fast deployment and reference-grade accuracy. An integrated alerting service saves time over continuous monitoring. Accurate measurements and powerful modeling, plus radar and 10-day atmospheric forecasts takes proactive winter maintenance to the next level – all in one simple subscription.

## Wx Horizon: Tailored to your specific needs

Choose from three levels of service to fit your organizational needs:

### Wx Horizon Lite:

The simplest way to gain insight into current and future road conditions. Features 12-hour pavement forecasts for the local road network, national weather hazards, and a dashboard showing 10-day atmospheric forecasts. No road weather stations are needed to get started.

### Wx Horizon Pro:

Deliver proactive winter maintenance by harnessing the power of a connected sensor network, enhanced forecasts and alert notifications. Provides 72-hour observation-enhanced pavement forecasts, road condition alerts and notifications, and 5 user-defined virtual forecast points. Connected IoT sensor network.

### Wx Horizon Enterprise:

Saves time and provides valuable assistance with treatment recommendations specifically targeted to network operations. Includes a high-resolution assessment and future impact over the whole road network, plus real-time data from any measurement device including mobile sensors, performance measurement, and in-depth user administration.

