

Observation Network Manager NM10

Remotely monitor, manage, and control your road weather stations



When the weather changes, road weather stations help you understand how streets are being affected and get ready to respond. Reliable and accurate measurements are essential for timely, successful road maintenance. But if one of the stations isn't working properly, how can you find the problem quickly and get it back online with minimum downtime?

The right tools help you monitor network performance, diagnose and solve problems in real time, and manage the network remotely and cost efficiently.

Vaisala Observation Network Manager NM10 provides the information and visibility you need to remotely manage your road weather station networks—all on a central, secure and automated platform. The solution provides easy access to all of the essentials: station status, events, alerts, measurements, metadata and maintenance information. This helps you identify and solve problems quickly, ensuring continuous high-quality measurements for improved operations with minimum cost of service.

From implementation to long-term maintenance, a network management solution optimized for your needs improves operational efficiency and lowers the lifetime cost of managing and maintaining the station network.

Key benefits

Manage your network efficiently and securely

See the status of your entire road weather station network in real time with a secure, browser-based interface.

Save time and costs

Use remote capabilities for software or firmware updates and to control the stations.

Solve problems faster

Get real-time monitoring with alerts, notifications and remote diagnostics.

Gain efficient deployment with extensive support

Reduce implementation time using a commercial off-the-shelf application, flexible integration, and long-term support.

Vaisala NM10 is a standalone solution that offers reduced implementation time, advanced data security, and flexible customization capabilities provided by the world's leading observation system and sensor manufacturer.

Seamlessly integrated with road weather stations, sensors and parent monitoring and management systems, the solution provides in-depth measurement site status with observation quality plus proven tools to manage and maintain observation networks with full remote capability.

Key features

- Data acquisition, processing, storage and notifications services
- Remote monitoring, station management and control
- Browser based user interface with geographic information system (GIS) map service and system administration
- Data export options to other management and monitoring systems

Why Vaisala?

Vaisala's weather and environmental technologies enable unrivaled road network awareness — keeping roadways safe and efficient in any season.

As the gold standard for precision and reliability, Vaisala's holistic approach provides customers with end-to-end simplicity, valuable partnership, and a comprehensive portfolio of solutions that are constantly evolving. Our 85+ years of innovation are reflected in our guiding principles for roads:

1. Move ahead

Only Vaisala provides data of unrivaled depth and breadth while synthesizing it into objective decision support — so everyone can keep moving toward better, more insightful ways of operating.

2. Mobility and beyond

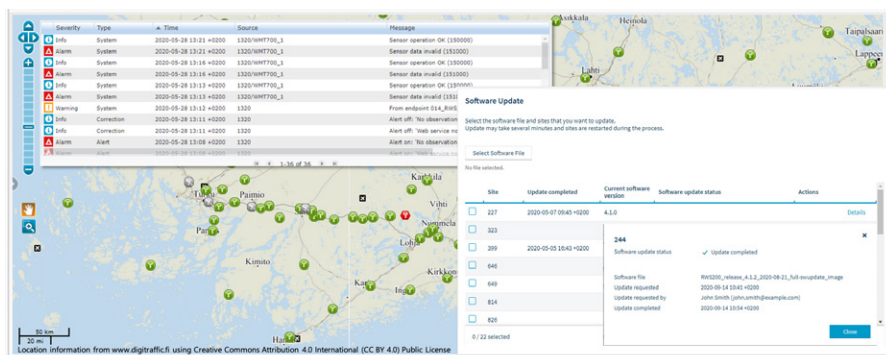
We deliver the right insights to the right people at the right time, enabling a wide range of stakeholders to act with confidence and achieve a comprehensive understanding of their road networks and the vehicles on them — creating better, safer outcomes for all.

3. The innovators

As a recognized industry expert, we continuously apply our knowledge and experience to create next-generation solutions that advance the industry; enabling stakeholders to innovate and optimize road networks like never before.

4. See, understand, decide

Vaisala gives users rich data intelligence that improves real-time decision-making as well as observation enhanced forecasting to enable strategic planning. With a better, fuller understanding of their road network, users can do their jobs more decisively and effectively than ever.



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