Observation Network Manager NM10

Product Spotlight

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?

Key benefits

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 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.

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.

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.

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