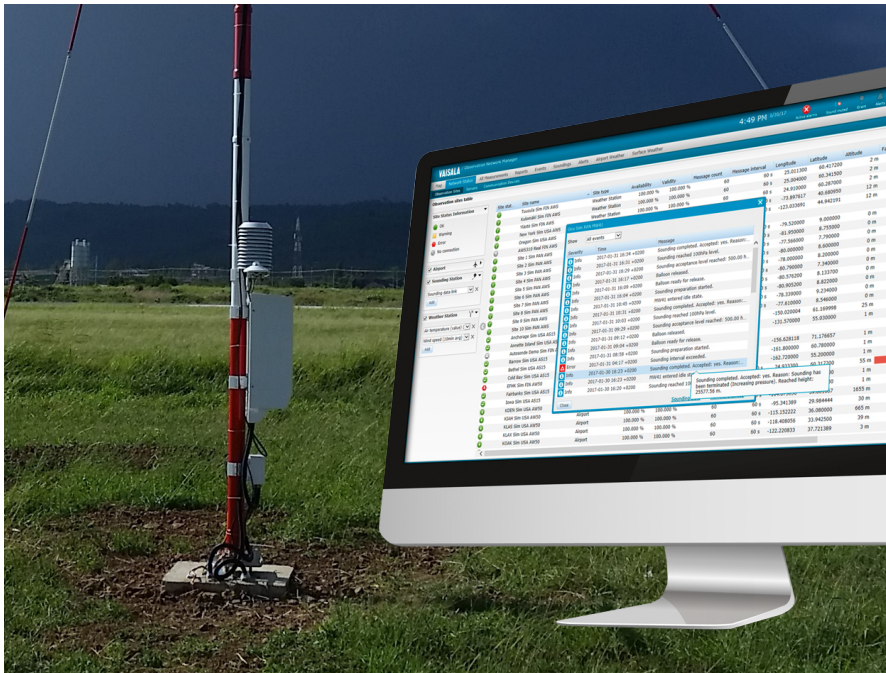# VAISALA

Observation Network Manager NM10
Automated access and control of all your sites, all in one place

As weather observation networks grow, they often become a mismatched collection of equipment and software from an assortment of vendors, creating the challenge of reconciling disparate data from a variety of sources that may or may not be compatible.

Vaisala Observation Network Manager NM10 makes total network management effortless and efficient. This off-the-shelf automated network management solution connects individual systems, sensors, and devices to provide centralized, real-time, continuous monitoring of your entire network.

Get all the real-time data you need, all in one place, including data quality control, observations and device status, and automated alerts and reports. Implementing a scalable, flexible automated observation network management solution will help optimize network operations, improve safety, facilitate operation in remote locations, and reduce overall network ownership costs.

Key benefits

Network-wide remote monitoring, management, and control
NM10 delivers a single platform with access to all essential information for every site in your observation network. It eliminates manual administration of individual sites, speeds problem resolution, and keeps everything running at peak efficiency.

Real-time monitoring with alerts and remote diagnostics
NM10 continuously monitors individual site status and aggregates real-time data into a central network. Automatic email, visual, and auditory alerts trigger any time a problem is detected. Plus, remote access and control allow you to fix problems faster and avoid unnecessary site visits.

High data security, availability, and validity
Built-in quality control maintains data integrity, while advanced security protocols and user management capabilities mitigate network vulnerability. Redundant multi-server or virtual environments combined with long-term data archiving ensure continuous, uninterrupted data. It's all supported with reliable 24/7 access to all your weather observation data from any connected system or device.

Easy, cost-effective, scalable implementation
Vaisala offers a usage-based pricing model with low initial investment, and the NM10 is fully configurable and scalable with fast deployment and integration of new sites as your network grows.

NM10 at a glance

Applications

- Creating single-site management of your entire observation network.
- Facilitating safe, efficient operations in remote locations while reducing the need for physical staff monitoring.
- Equipping field technicians and maintenance teams with detailed site information to address issues remotely and determine if site visits are necessary.
- Eliminating the need for staff to physically monitor the network, thus allowing them to focus on other critical operational tasks.
- Enabling more efficient and effective decision-making through access to more complete data.
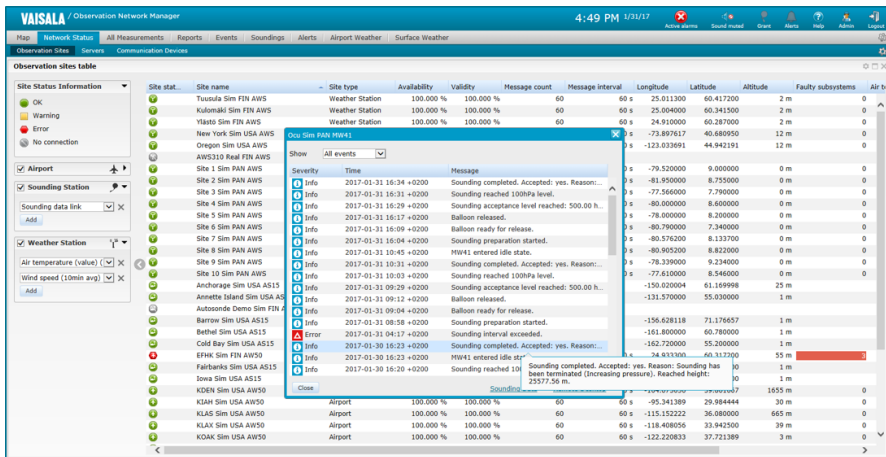
Key features

Multi-vendor integration unifies observation sites and creates efficient, centralized use of all the network's collected data.

Secure 24/7 site and network monitoring via a dedicated web-based interface allows remote monitoring, control, and data access for every site — anytime, anywhere, and from any connected system or device.

Remote diagnostics increase the efficiency and effectiveness of network monitoring and improve the overall performance of the observation network itself.

Combined surface weather display informs about current and past data for the entire network or a defined group of sites.

Automated alerts and reports limit site and network downtime and protect the integrity of weather data.

Why Vaisala?

Trusted expertise

Vaisala is the world leader in providing the most accurate and reliable weather measurement solutions. Weather agencies, governments, and meteorologists around the world trust Vaisala for solutions that maximize their weather intelligence. Our expertise is built on more than 80 years of fact-based observation and proven field testing.

Support you can count on

Look to Vaisala for dependable support, project capabilities, and training so you can get the most from your system. With decades of experience providing the best technologies and the finest support, Vaisala's philosophy of partnership is unmatched in the industry.

Scan the code for more information

VAISALA

vaisala.com/meteorology