

Vaisala Network Maintenance



Efficiency in maintenance

Vaisala Network Maintenance - peace of mind

Based on its vast experience in meteorological data acquisition, Vaisala offers you a commercial off-the-shelf software tool for managing the maintenance of weather observation networks. Vaisala's Network Maintenance software helps you plan, organize, and document your maintenance tasks efficiently and ensures the most reliable and continuous operation of your network over its entire lifecycle with optimal resources in use.

Productive tool for maintenance operations

The Vaisala Network Maintenance software is an essential tool to ensure that your weather observation system keeps working productively, successfully delivering the measurement data you require even in the most remote environments.

The most important parts of the network maintenance are planning, organizing, and performing the actual maintenance tasks. The software supports these tasks by allowing the maintenance personnel to define when and what maintenance tasks should be performed at each individual site for each individual device.

Tracks performed actions

Each performed maintenance action is recorded in the system. In addition to containing all the relevant data for successful network maintenance, the software acts as a database for site-related and network-related metadata. It also includes textual content, images, configuration files, and technical documents.

Plans ahead

Vaisala Network Maintenance software gives users the opportunity to plan ahead field trips and prepare work lists with the capability of documenting all the information in one database in real-time. This helps keeping track of upcoming maintenance needs, performed preventive and corrective maintenance activities as well as instrument locations in the network.

Customized tool meeting local requirements

Users are able to customize the software to suit local requirements and thus maintain their networks in the most efficient manner. Moreover, translation of the user interface to a local language is fully supported.

Benefits:

- Tracks performed maintenance and plans ahead service activities
- Easily accessible and secure over the Internet or Intranet
- Ensures reliable and continuous operation of the network over its entire lifecycle



CASE | Helsinki Testbed

The Helsinki Testbed is a joint effort between the Finnish Meteorological Institute (FMI) and Vaisala. It is a particularly dense and versatile weather observation network located in the Greater Helsinki area. The Vaisala Network Maintenance software has been successfully used and tested in the Helsinki Testbed to ensure the high performance of the measurement network since the first measurement operations. These were carried out in conjunction with the World Championships in Athletics, held in Helsinki August 2005.

More information: testbed.fmi.fi/

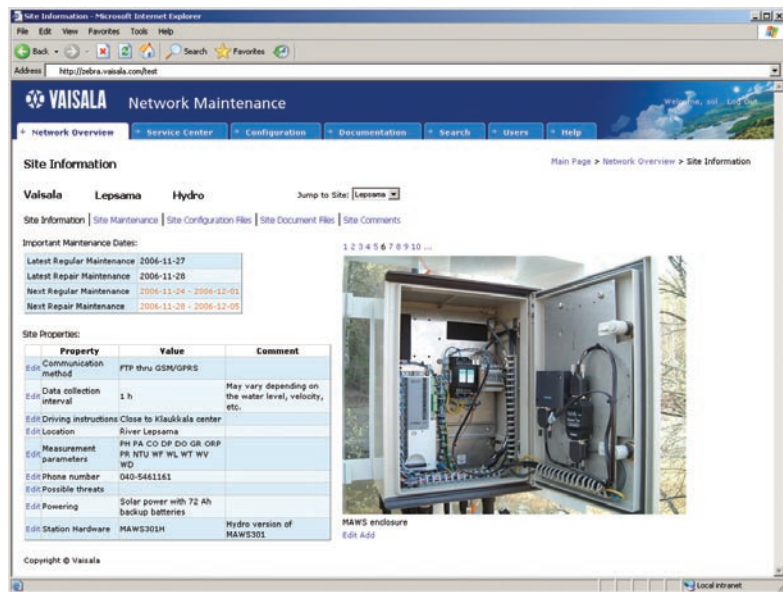
Maintenance as easy as 1-2-3

Easy installation and use

The user interface of the Vaisala Network Maintenance software is very easy to use and provides multiple choices to monitor weather observation networks. It supports several concurrent users and even enables the maintenance of countrywide national weather networks.

The Vaisala Network Maintenance software can be effortlessly installed on the user's own server. The database application is easily accessible over the Internet or Intranet with a common web browser, e.g. Microsoft® Internet Explorer®.

The software includes a large number of product and service documentation of Vaisala weather observation equipment. Users are

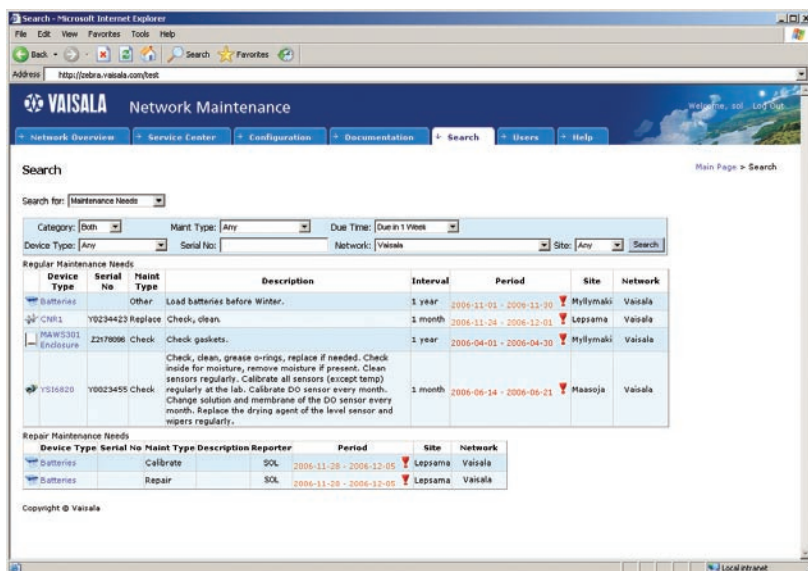


The Network status section includes a database for network related metadata.

also able to include new images, texts, configuration files, product descriptions, and a variety of different maintenance related documentation.

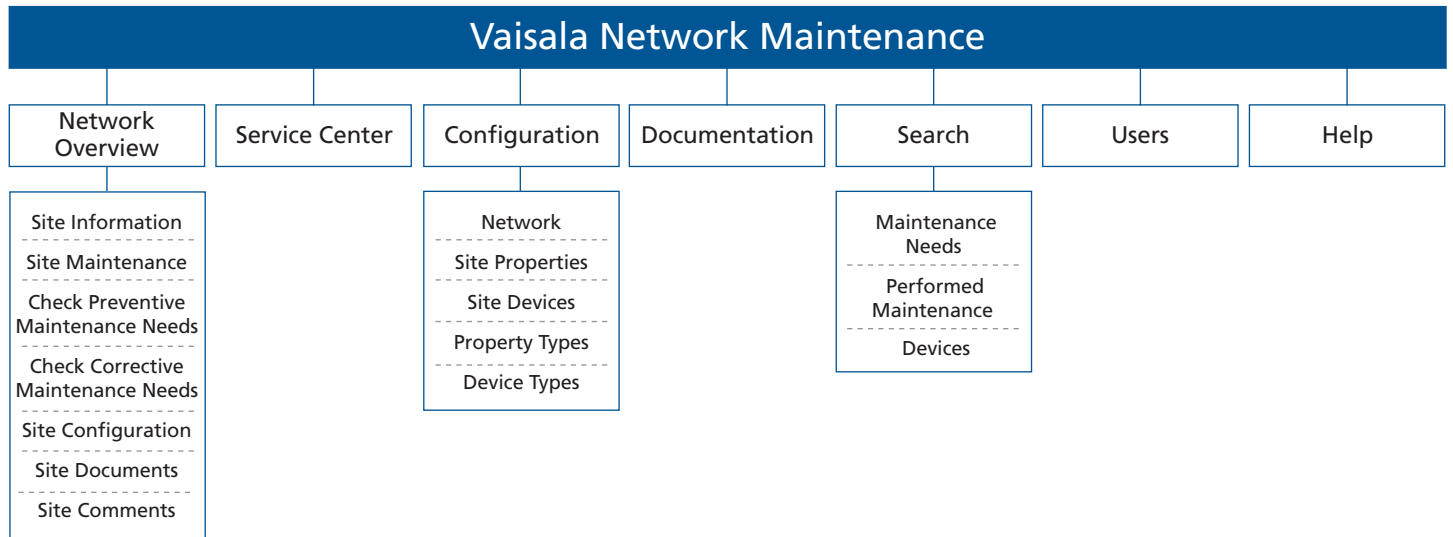
Secure use guaranteed

Secured https protocol is used to protect the data, and the users are identified by unique passwords. A variety of access rights can be determined to support the different roles of maintenance personnel. A user with minimum rights can only use Network Maintenance for viewing, whereas maintenance engineers and supervisors can change the system status and add maintenance tasks when needed.



The search section helps you to perform various searches.

All in one package



Network Overview

In the Network Overview section, you can select any of your observation networks and check the maintenance status of each weather observation site and individual devices. This section allows you to define new maintenance needs and to check performed maintenance actions. General site and device information is also provided in addition to all site related pictures, configuration files, and documents.

Service Center

The Service Center section is intended for recording maintenance and service tasks performed in customer's own service center.

Configuration

Configuration section allows a service supervisor to configure weather observation networks and individual weather observation stations.

Documentation

In the Documentation section, different types of documents can be viewed and new ones added.

Search

The Search section helps you to perform searches on upcoming maintenance needs, performed maintenance actions, and the location of devices.

Users

In the Users' section, all users can change their own password and the system administrator can add new users, and perform user and role management actions.

Help

The Help section contains the User's Guide and information on the relevant software version.



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