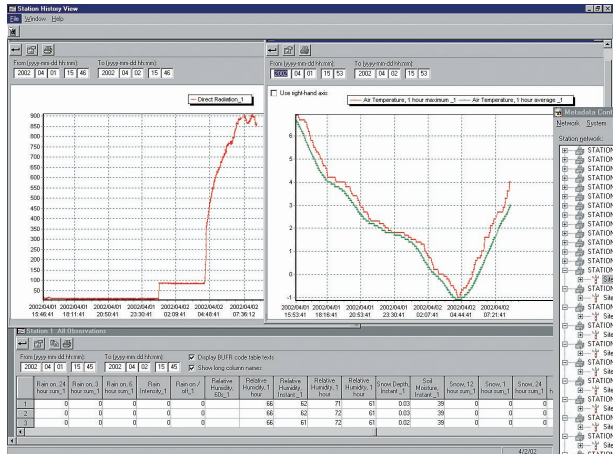




Vaisala MetMan Network 100



The Vaisala MetMan Network 100 package includes station history application for graphical data display.

- **Complete system for meteorological data collection and storage**
- **Various communication options**
- **Easy set-up and configuration**
- **Convenient upgrade path**

Vaisala MetMan Network 100 is a versatile meteorological data collection and management system. It can be used by any organization that needs to collect and manage data from a small or medium-sized network of automatic weather stations (AWSs) and sensors.

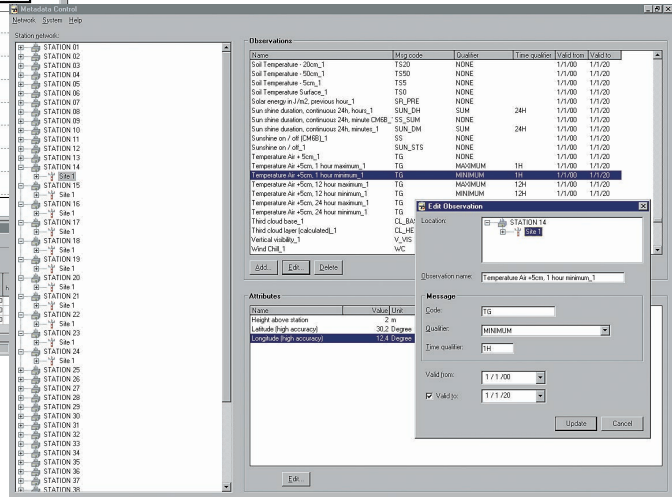
GETTING STARTED

Setting up and using MetMan Network 100 is easy. After set-up, the user configures the observation network structure and data collection schedule. Once started, the system operates automatically. Measurement data and alarms are stored into the database. Data can be viewed in real-time displays, data history and alarm applications.

VIEWING DATA IN FRIENDLY FORMATS

MetMan Network 100 offers several ways to access data. With the database viewing application, users can display the measurement data in graphical and/or tabular reports. The Weather View display presents data in real-time

Alternative modes of communication can be defined.



as it is received. Measurement data can also be read from ASCII files containing data from the last 30-day measurement period.

MAKING CONFIGURATION EASY

Vaisala MetMan Network 100 offers user-friendly applications for configuring the structure of the automatic weather station network. Changing stations, observation variables, message formats and communication parameters is easy. The system communicates with the AWSs using serial lines, dial-up modems or TCP/IP.

HANDLING CONFIGURATION PARAMETERS

An AWS network may have hundreds of parameters. MetMan Network 100 stores all configuration parameters in a database. A set of configuration tools allow the user to view and modify the network parameters. The MetMan Checker application can be used at any time to verify parameter and observation database consistency.

Vaisala MetMan Network 100 runs on a PC with the Windows NT 4.0 operating system.

APPLICATION AREAS

- Surface weather synoptic observation
- Climatological research
- Power generation
- Water resource management

TECHNICAL INFORMATION

STANDARD FEATURES

Communication Protocols	Serial Line, TCP/IP, TELNET, FTP
Data acquisition modes	message reception, message polling
Maximum number of simultaneous active connections	5
Maximum number of observations in database	10,000,000
Data storage time in ASCII files	one calendar month
Automatic weather station time synchronization	Milos 500-series, MAWS-series

CONFIGURATION APPLICATIONS

Metadata Control
 Communications Control
 Maintenance Control

SUPERVISION APPLICATIONS

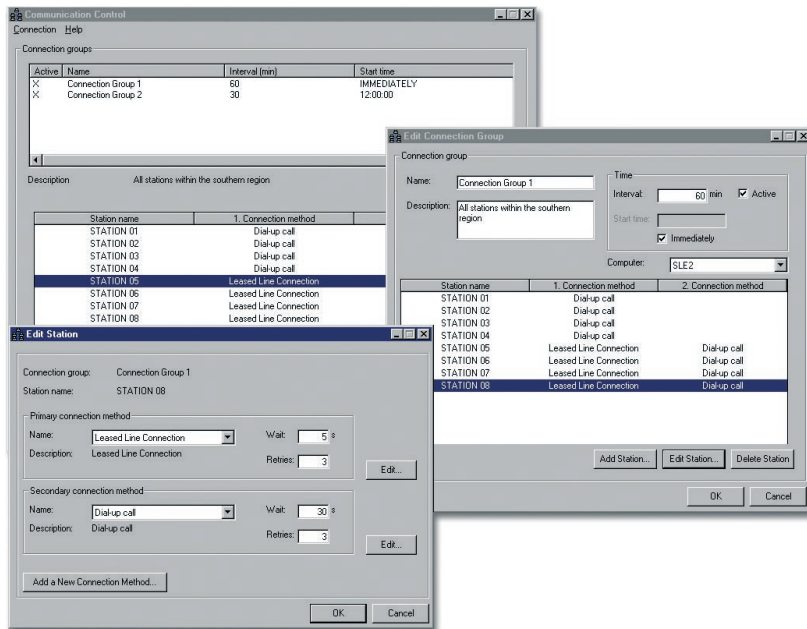
System Control Center
 Alarms Editor

DISPLAY APPLICATIONS

Weather View
 Station History View

OPTIONS

Client Workstation with display applications



Metadata Control helps the user to keep track of the devices at each AWS and the observations they make.



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