

# NetWay Manager – Enterprise Edition

Scalable network management solution

## Features

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- Network status in real time
- Based on open standards
- Easy integration with third party SNMP-based elements
- User friendly interfaces
- Scalable
- Robust

## NetWay Manager

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- Optional value adding NetTools  
The NWM NetTools enables you to manage your entire network in a more efficient way. The following add-on modules are easily available by a right hand mouse click.
- Software Downloader (SD)  
Used for downloading new software to all, or selected Allgon Microwave devices in the network, which assures a safe and scheduled download with software swapping.
- Network Data Collector (NDC)  
Used for creating a number of network reports. You can either use the predefined or create customized reports.
- Network Configurer (NC)  
Used for changing common parameters for all, or selected network elements.
- Configuration Backuper (CB)  
Used to create a reflection of the configuration in a network element and to restore the configuration when needed.



## Overview

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The NetWay Manager software is the generic network management platform for Advantech Wireless Microwave products as well as legacy Nortel Networks MW radios.

The NetWay Manager is designed to centrally monitor and manage critical network interconnected devices. The system keeps track of the equipment status in real time and ensures the quality of network operations. Time, software and other critical parameters are easily synchronized through a complete network.

The software can act as a feeding node to upper layer Network management systems.

The NetWay Manager can be used as a Network Element Manager and as a Network Management System giving total overview of all network elements with standard protocols.

The NetWay Manager is scalable in order to meet different levels of customer requirements. The NetWay Manager includes functionality for Fault Management, Configuration Management, Performance Management and Security Management.

The following value-adding NetTools modules are available:

- Software Downloader
- Network Configurer
- Network Data Collector
- Configuration Backuper.

## NetWay Manager – Enterprise Edition

### Specifications

#### Common functions

- Compliant with TMN model in ITU M.3400
- Single user support
- SNMP v1, v2, v3
- ICMP echo (ping)
- GUI and script interfaces
- Maximum 10,000 nodes manageable

#### Fault Management functions

- Alarm/event severities according to ITU X.733
- Real-time alarm/event logs
- Global alarm/event log
- Network element specific alarm/event log
- Acknowledgeable alarms/events
- Forwarding of alarms to northbound Network Management System
- Alarm filtering
- Severity reconfiguration (including colors)
- Forwarding via SNMP or e-mail
- Configurable alarms at reached thresholds
- Node link failure alarm

#### Configuration Management functions

- Launch element manager on individual basis
- Software Downloader\*\*
- Configuration Backuper\*\*
- Network Configurer\*\*
- Network Data Collector\*\*
- MIB Browser
- Importable real maps
- Hierarchy views
- Automatic network element discovery

#### Performance Management functions

- Collect performance logs from network elements
- Real time performance collection and graphics
- Management traffic statistics
- Payload traffic statistics

#### Security Management Functions

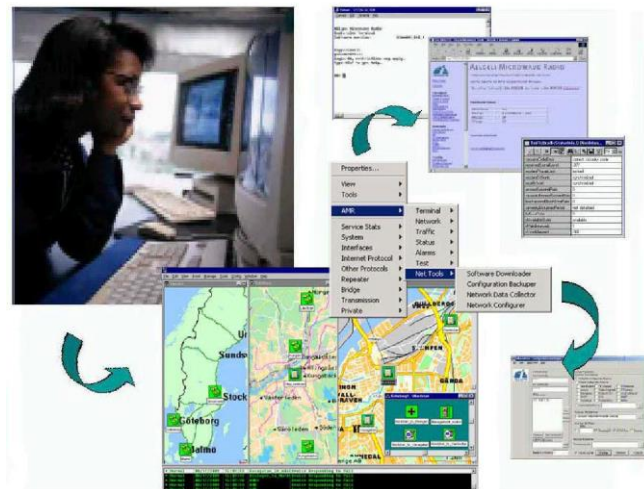
- User configurable views
- Unique user/password per user
- SNMP v3

#### System Requirements (recommended)

- 7th Generation Intel® Core™ i7 processor
- Memory 16GB
- Hard drive available space 1,000 MB
- Operating system Windows 10

#### Standards

- RMON RFC 2819 RMON
- SNMP v1, v2, v3 RFC 1157 SNMP  
RFC 1442-1450 SNMP v2  
RFC 3410-3418 SNMP v3
- SNMP v3 with SHA/MD5 authentication and DES encryption
- Pre-compiled MIB II and Enterprise MIBs (RFC 1213 MIB II)
- ASN.1 MIB Compiler/Browser included



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