



Release Notes

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for NMP v2.6

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1 Document History

The history of this document.

Version	Date	Name	Comment/Changes
V1	2021-04-15	GB	Initial version created
V2	2021-05-20	GB	Additional product variants added
V3	2021-05-26	GB	Build number incremented, List of fixed issues updated

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3 Introduction

3.1 Scope

This document describes new features implemented and released for the version v2.6 of NMP, the network management software solution from MICROSENS.

The requirements and procedures to install the management software are also covered.

This document does not describe the basic procedures to setup a network and to configure switches for access.

Required skills to understand and use this manual are a basic knowledge on Ethernet and TCP/IP networks.

3.2 Intended Audience

The intention of this document is to be a detailed reference for all network administrators and technicians involved in the operation, support, and maintenance of the MICROSENS Network Management software.

3.3 Software versioning scheme

The structure of the software release version identification is defined as follows:

Identifier	Description
2	Major version number
.6	Minor version number
.4	Build number

3.4 Previous Version

The previous version of NMP v2.6 was NMP v2.4.

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4 Deliverables

The management software is delivered as an installer- or archive-file that has to be executed on the target system. In addition to the installer software, a license key file is required to grant permissions to use the software.

4.1 Installer File Properties

The management software is delivered as a single installer or archive file:

Filename	Size	Format
MICROSENS_NMP_Installer_v2.6.4_win64.exe	316 MB	Windows 64 bit installer
MICROSENS_NMP_Professional_v2.6.4_64bit.tar.gz	202 MB	Linux 64 bit archive file
MICROSENS_Enterprise_Client_v2.6.4_64bit.tar.gz	202 MB	Linux 64 bit archive file
MICROSENS_Enterprise_Server_v2.6.4_64bit.tar.gz	183 MB	Linux 64 bit archive file

Installation

For information how to install this software on the system, see the sections '*9 Initial Installation*' and '*10 Update Installation*'.

4.2 How to obtain the Installer File

A download link will be provided by MICROSENS support following a Service Request placed through the MICROSENS 'Service Portal' as defined in chapter "11 Submitting a Service Request"

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5 System Requirements

The following sections describe the requirements to be compatible with the installation of the Management Software.

5.1 Supported System Platforms

The following operating systems are compatible with this NMP version:

Art.-No.	Product	Operating System
MS200100 MS200102	NMP 2.6.x Enterprise ¹	Client component: Windows 10 Server component: Windows Server 2016
MS200070 MS200072	NMP 2.6.x Professional ²	Windows 10, Debian Linux 9, CentOS Linux 7.6

5.2 Determining variant and version of your already installed NMP environment

To determine the version of the management software currently installed on your machine, use the following procedures:

5.2.1 Check installed Version of MICROSENS NMP Enterprise (client) / NMP Professional

- 1) Launch the NMP client UI
- 2) Log in as a valid user
- 3) Navigate to Menu -> About -> Help

5.2.2 Check installed Version of MICROSENS NMP Enterprise (server)

- 1) Start the server
- 2) Navigate to UI Menu Help -> About

¹ MS200100 includes usage rights to manage 200 NMP Managed Objects, MS200102 includes usage rights to manage 1000 NMP Managed Objects.

² MS200070 includes usage rights to manage 50 NMP Managed Objects, MS200072 includes usage rights to manage 100 NMP Managed Objects.

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6 New Features

The following features are newly available with NMP v2.6:

Feature	Details
NMP2-377 NMP Enterprise Server: Enable/Disable logging at run runtime	Description: The logging of device discovery and device polling can be enabled in the NMP Enterprise Server application on the bottom of the Syslog/Logs/Events tab. The location of the log file can be configured in the Local Logs section.
NMP2-456 Installer should return error message if NMP process is currently running	Description: The installer will now check if the NMP Software is still running. In this case, an error message is displayed, otherwise the installation continues.
NMP2-459 Improve polling of data from devices	Description: Device polling usability and polling performance improved. NMP Client allows a simple status refresh as well as a "force polling" function for a single device.
NMP2-468 Option for product licensing based on 'Unique System ID'	Description: This offers an option to use a 'Usage Right Activation Code' based on a 'Unique System ID' for product licensing
NMP2-496 Import a list of devices using a CSV file	Description: A list of new devices can be imported through a CSV file. The file must have the following layout (example): <pre>IP address;Device name;Group 192.168.1.1;MySwitch1;MyGroup 192.168.1.2;MySwitch2;MyGroup 192.168.1.3;MySwitch3;MyGroup</pre>
NMP2-509 Allow to set the min. timeout for device communication to one second	Description: The timeout for device communication can now be configured between 1 and 6 seconds. In some cases, the overall polling time for 10G PLR switches is improved by setting the communication timeout to the minimum value of 1 second.

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7 Improvements

There are no improved features introduced with NMP v2.6.

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8 Fixed-Issues

The following issues have been fixed in NMP v2.6:

Issue	
NMP2-302	NMP Client performance problem
NMP2-466	Improve data polling time for 10G PLR devices
NMP2-475	Various improvements by update of the software runtime component
NMP2-502	Switch data export - Report generator does not work
NMP2-508	Ring status display fixed for 10G PLR
NMP2-529	NMP Enterprise fails to backup switch configuration
NMP2-530	NMP Enterprise (as service) fails in longer intervals
NMP2-559	Data poll response time behavior between Client and Server component was improved
NMP2-563	Wrong device status icon when polling with incorrect credentials in communication parameters
NMP2-566	Installation: NMP program group does not appear in the start menu of a non-admin user
NMP2-567	Device auto discovery does not work with the NMP Client
NMP2-570	NMP Enterprise Server: Some G5 device icons remain red after polling data
NMP2-597	Device configuration backup does not work - DB is inconsistent

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9 Initial Installation

Note:

- It is mandatory to install the client and server component for the current user only. Otherwise, you may run in to a security gap if any other user logs into the system where e.g. a server is installed and can stop/kill the server.
- Before installing the software, it is recommended to consult the relevant parts of the current manual for the technical installation requirements and the installation procedure itself.

9.1 MS Windows OS

Please execute the NMP 2-installer file

"MICROSENS_NMP_Installer_<version_indicator>.exe". The Installer Wizard will guide you through the steps of the installation process.

For more details, please refer to the product manual, chapter Installation.

9.2 Linux OS

Please extract the NMP 2-archive file "MICROSENS_NMP_<version indicator>.tar.gz" in a suitable folder on your system. To start NMP follow the instructions in the contained README file.

10 Update Installation

Note: NMP Enterprise

- It is mandatory to update always both the client AND server components to ensure consistency of the installed product.
- Before installing the software, it is recommended to consult the relevant parts of the latest manual for the technical installation requirements and the installation procedure itself.

10.1 MS Windows OS

Please execute the NMP 2-installer file

"MICROSENS_NMP_Installer_<version_indicator>.exe". The Installer Wizard will guide you through the steps of the installation update process.

For more details, please refer to the product manual, chapter Installation.

10.2 Linux OS

Just extract the NMP 2-archive file "MICROSENS_NMP_<version indicator>.tar.gz" in a suitable folder on your system.

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11 Submitting a Service Request

A service request can be send via the MICROSENS support portal. Just visit the support area on our web site: <https://www.microsens.com>; there please select the link 'Support' and then the link 'Support Portal'.

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