

Network Management System 7.0.5

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Network Management System Version 7.0.5

The Network Management System is the application, which answers the incoming calls from the target device / A-MGW and executes the necessary jobs according to the specifications of the job management system. According to this there has to be a job database for the operation of the NMS.

Version 7.0.5 of the NMS software with its applications enables the remote control of the NovaTec Systems with the following functions:

- automatic firmware updates
- automatic configuration updates
- automatic download of CDR data
- automatic download of trace and log files
- notification about system failures or errors via email (i.e. system reset, CPU over load, failure of ports)
- summaries of information on multiple NovaTec Gateways, translation of these notes into SMTP-traps and dispatch of the traps to an SNMP server.

1. Content of the NMS software package

The following applications are included in the package:

Call home Server (NMS) Version 7.0.5

- summaries of information on multiple NovaTec Gateways, translation of these notes into SMTP-traps and dispatch of the traps to an SNMP server.

Call Home Job Management (NTCHAUF) Version 7.0.5

- The job management system is the configuration program for the Network Management Systems (NMS). The following parameter can be configured by the job management system of NMS:

- Which target devices (A-MGW) are allowed to access the NMS or rather which target devices are accepted by NMS.
- Parameter for the SNMP trap receiver like IP address, port number, version etc.
- Which jobs should be executed if a target device calls in.
- All jobs can be controlled specific per target device.
- The NMS can send an email to inform about the occurred event.

Network Services (Ntwindr) Version 7.0.5

- This element is abbreviated NWS. It listens to port 802 and receives proprietary events of the NovaTec systems. The events are forwarded to the Network Management System.

2. System requirements

The usage of the current software on a PC, laptop or similar system requires the following minimum prerequisites:

- 2 GB RAM
- 3 GHz CPU
- 1 GB free hard drive capacity
- IP-USB-Hub (just in case the NMS is operated on a virtual machine (VM)).

To start up NMS you need an additional license dongle.

3. System software compatibility

The current software package supports the following operating systems:

- Microsoft Windows XP SP2
- Microsoft Windows 2003 Server SP2
- Microsoft Windows 2008 Server

4. Installation

You can download the software package from the internet by using this link:
<http://www.novatec.de/cms/de/Downloads/>

After unpacking the file you can install the NMS package by executing the setup.exe file (folder: Download NMS x.x.x.zip) and following the instructions on your screen. The installation is easy and user friendly.

The previous version should be deleted after installing the new software package.

The job management and the CDR management of the previous version can still be used irrespective of the NMS package.

After the installation of the NMP software you can start the program over the start menu.

Start → All Programms → NovaTec → Network Management System 7.0.5 → Job Management

Start → All Programms → NovaTec → Network Management System 7.0.5 → Network Services

Start → All Programms → NovaTec → Network Management System 7.0.5 → Network Management System

5. Uninstall process

If an older NMS software package is no longer needed it can be deleted over Start → Control Panel → Programs and Features.

6. Compatibility to older versions

Important parameter of the current NMS version could be missing in older versions so that basic functions would not be carried out. The job management and CDR data bases of older versions can still be used irrespective of the NMS package.

A dependency on other NovaTec software packages (i.e. NMP) does not exist.

The Network Management System Package 7.0.5 contains copyrighted software.

Please contact <info@novatec.de> if you would like to report bugs, grammar mistakes, or give your opinion about the program. Any comments are welcome.

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