



**Network
Management
System Help File**

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1 Network Management System

Network Management System

The Network Management System (**NMS**) is an advanced software application that allows the automatic remote maintenance of any number of NovaTec NMG systems. Some the functions that the **NMS** provide

- **Automatic firmware updates**
- **Automatic configuration updates**
- **Automatic downloading of CDR data**
- **Notification of budget or ASR status via Email or SMS**
- **Notification of system failure and or system problems via Email or SMS**
- **Observation of system status**

The **NMS** is used in conjunction with the Call Home Job Management application. This is the configuration application for the which systems are to be serviced via the **NMS** and what actions are to be taken on the various Call Home events

1.1 Contents

Contents

This help files contains information on how to use the Network Management Systems, and what options are available. Below is a list of the various "pages" of the of the application, which when chosen will describe the specific functionality they provide

[About page](#)

[Network settings page](#)

[Database page](#)

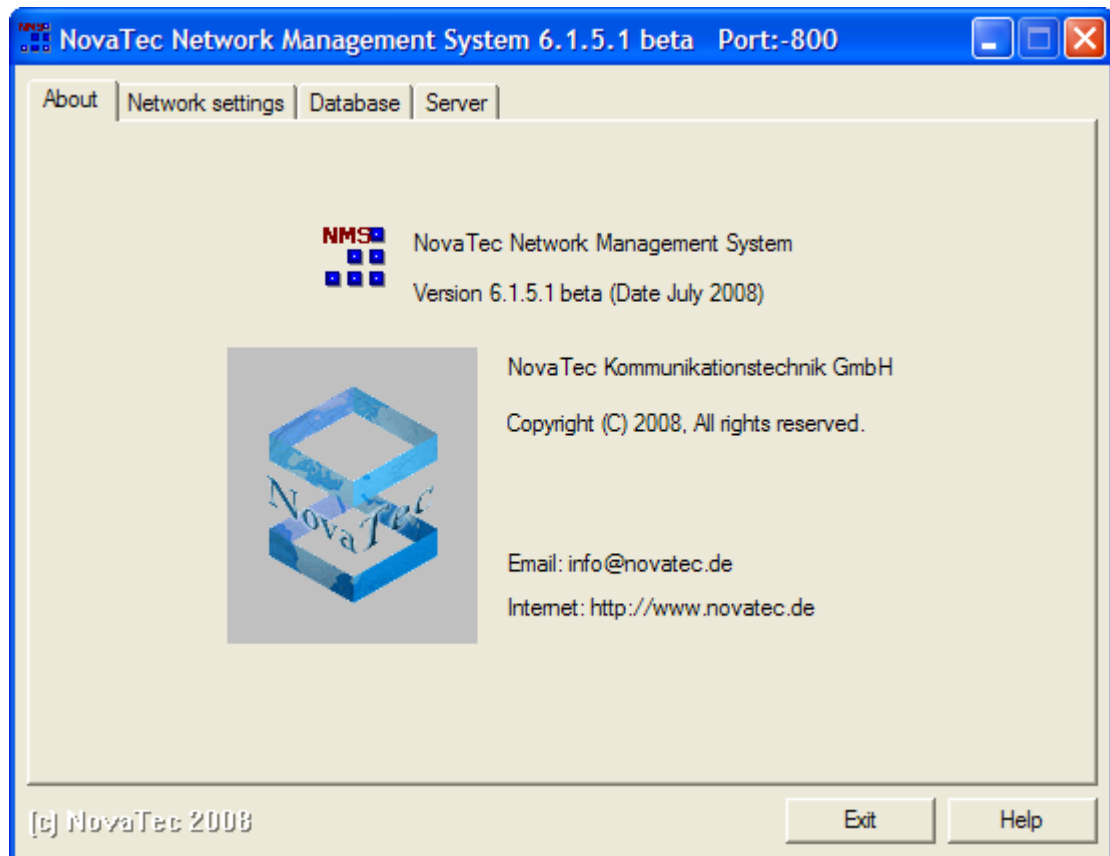
[Server page](#)

Also, information about the [Call Home Client](#) is available

1.2 About page

About page

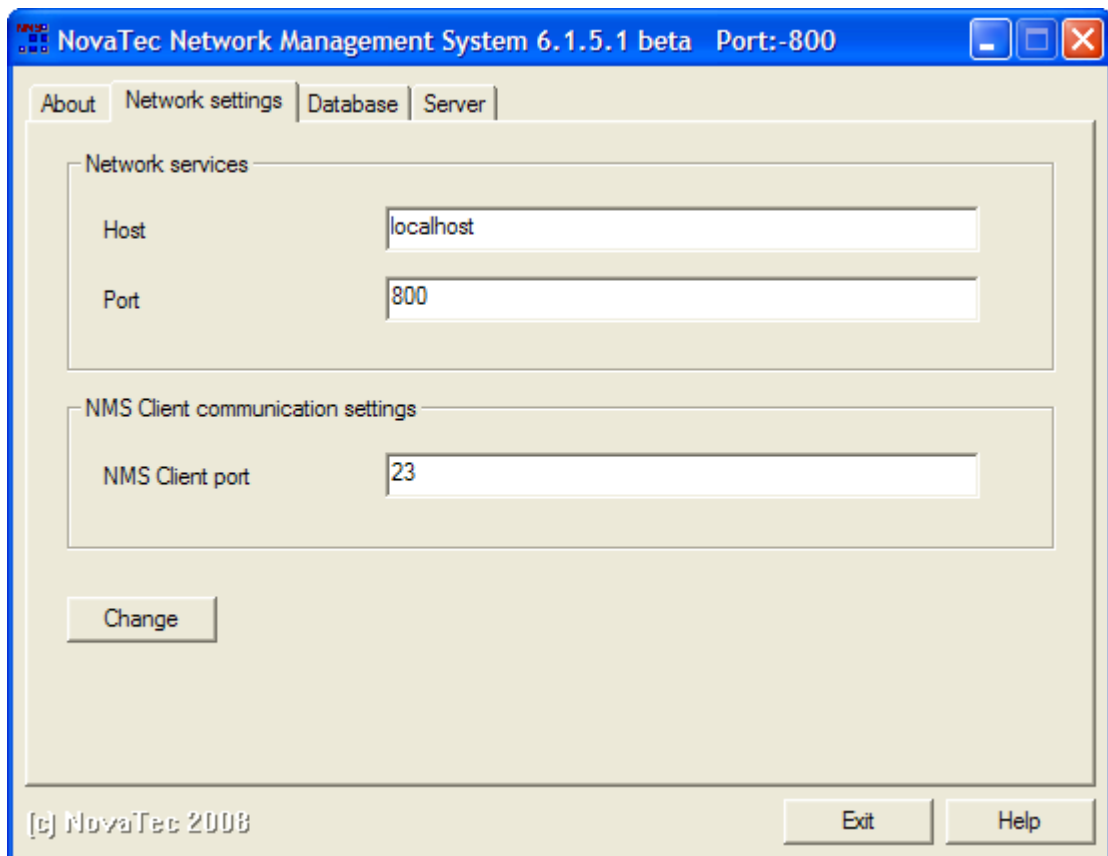
The About page shows various information about the **NMS** application, a copyright notice, the version information of the actual **NMS** applications and the release date, the internet address of NovaTec and a contact email address



1.3 Network settings page

Network settings page

The Network settings page allows you to set the options for the connection to the Network Services, which **must** be operating and correctly configured so that the NMS and the [Call Home Client](#) functions correctly. For more information about the Network Services, please read the corresponding help file found in the same directory the NMS application is installed in.



Network Services

Host

The IP address of the PC that is running the Network Services. If the Network Services are running on the same PC as that of the **Network Management System**, the standard IP address of **127.0.0.1** or the text **localhost** may be entered

Port

The IP Port of the PC that is running the Network Services

Message port

Client port

The message port for sending messages between the NMS and the [NMS Client](#)

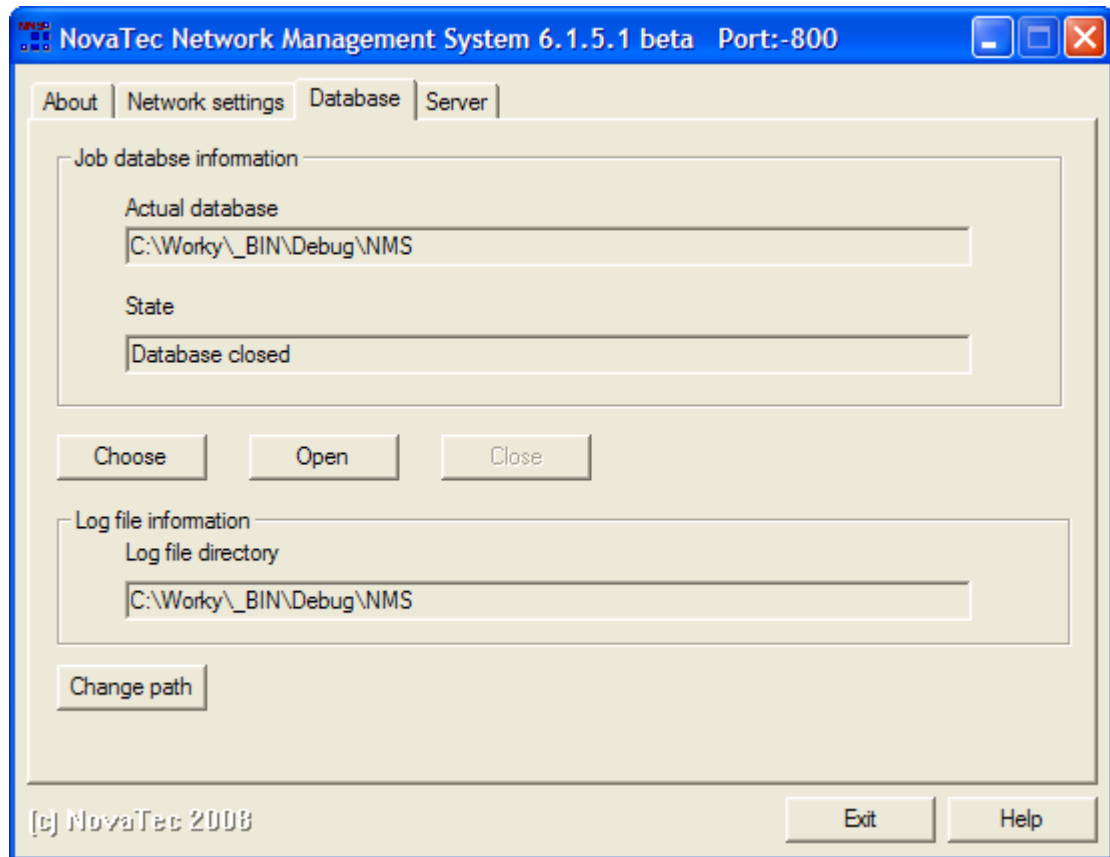
Note

The client port set here, **must** correspond to the port as set in the [Call Home Client](#). the changes here first take effect when the NMS is restarted.

1.4 Database page

Database page

On this window you can select a NMS Job database. The Job database contains information about the calling target systems and the jobs which are to be carried out when a specific Call Home event occurs



Database information

Actual database

The path and file name of the actual chosen Job database

State

Shows the actual state of the above Job database (if any)

Choose

Opens a dialog to choose which Job database is to be used by the NMS Server

Open

Opens the database that has been chosen in **Actual database**. If the chosen database is not a valid Job database, then you will receive an error message

Close

Closes the opened Job database. If the server is running, it will be stopped before the Job database is closed

Log file**Log file directory**

The path in which the NMS server log file will be saved to

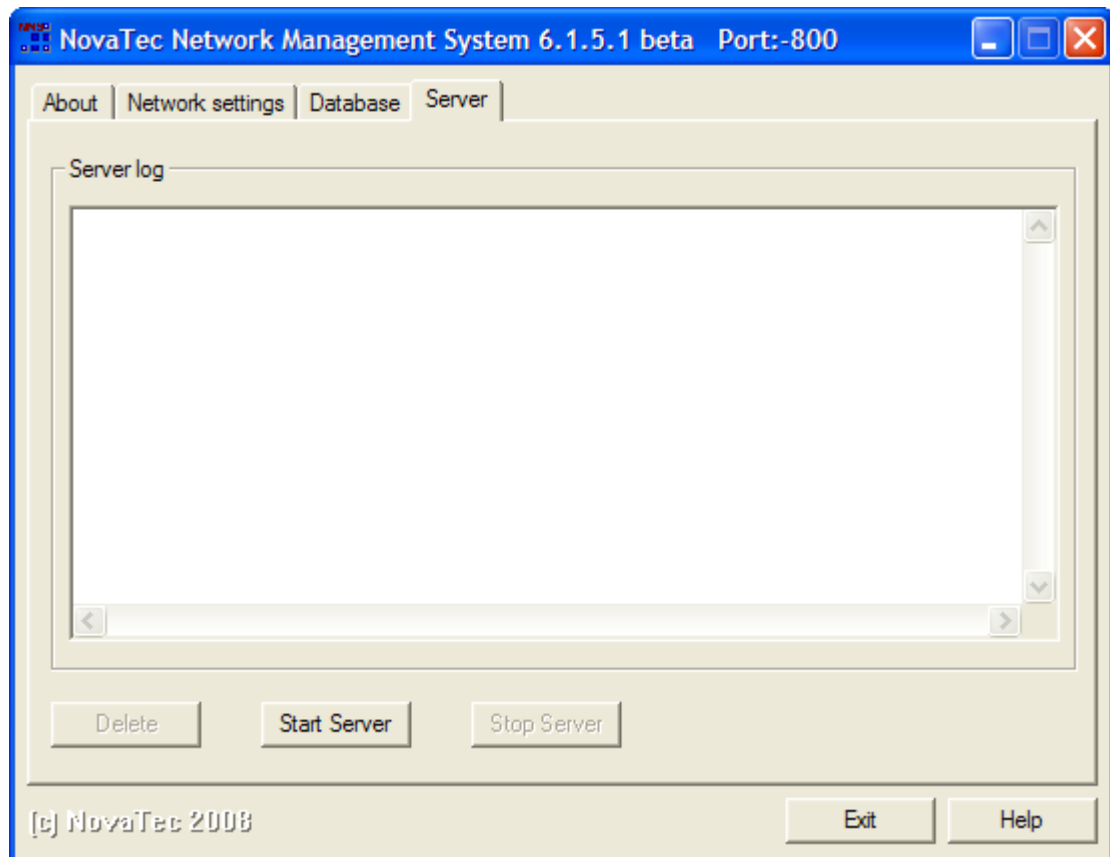
Change path

Opens a dialog which allows you to choose the directory where the NMS server log file is to be saved. You may change the path to where the log file is to be saved when the NMS server is running, but to prevent data loss, this is not recommended

1.5 Server page

Server page

This page allows you to Start and Stop the NMS server. Also you can see the actual messages that the NMS produces in real time. These messages are also saved in the [log file](#).



Server log

Shows the an overview of the last messages received by the NMS server.

Delete

Deletes the contents of the log window. The contents of the log file **are not** affected.

Start Server

Starts the NMS server. A valid NMS [Job database](#) must have been previously opened beforehand. Also the Network Services must also be correctly configured and running.

Stop Server

Stops the NMS server. Please note, when the server is stopped, any incoming information from the NMG systems in the field cannot be processed. This will be carried out when the NMS server is restarted.

1.6 Call Home Client

Call Home Client

The NMS Call Home Client is a small application that creates message boxes when events are triggered by the NMS. These are purely for informational purposes. It is not required that the NMS Call Home Client be running all the time.

2 What's new

What's new

What's new in version 6.2

New Features

www.novatec.de
info@novatec.de