

ADDING SATEL-EASY+ TO 3AS NMS NETWORK

1. Open NMS PC 2.1.1.32
2. Open the desired NMS network
3. Connect NARS-1F to modem, Prog on, serial port to the computer
4. Turn on the modem

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1. Click Connection
2. Change port settings
3. Set the COM port to 38400 8N1
4. OK , OK,
5. Confirm; YES
6. Add to Network

The screenshot displays the SATEL-EASY+ software interface with several dialog boxes open. The 'Connection...' button in the top menu is highlighted with a red box. The 'Network connection settings' dialog box is open, showing 'Additional settings' and 'Connect using' options. The 'Serial port settings' dialog box is also open, showing 'Serial Settings' with 'COM1' selected for the 'Serial Port' and '38400' selected for 'Speed'. The 'Change port settings' button in the 'Serial port settings' dialog is highlighted with a red box. The 'Confirm' dialog box is open, showing 'Detect connected modem?' with 'Yes' highlighted. The 'Unknown Modem Found' dialog box is open, showing a table of modems found in the system:

Modem	Serial Number
Visentin Regven	1729000144
Master Nostro	1729000145

The 'Add To Network' button in the 'Unknown Modem Found' dialog is highlighted. The 'OK' button in the 'Network connection settings' dialog is highlighted. The 'OK' button in the 'Confirm' dialog is highlighted. The 'OK' button in the 'Serial port settings' dialog is highlighted. The 'OK' button in the 'Unknown Modem Found' dialog is highlighted.

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1. Confirm=>Yes
2. Progress
3. OK

The screenshot displays a software interface with three main components:

- Confirm Dialog:** A dialog box titled "Confirm" with a close button (X) in the top right. It contains an information icon (i) and the following text:
 - The new modem is not compatible with the network's Default modem settings:
 - CONFLICT: Channel Spacing in default modem: 12.5 kHz in new modem: 25 kHz
 - CONFLICT: Radio Channel Width in default modem: 12.5 kHz in new modem: 25 kHz
 - CONFLICT: Modem Model in default modem: 3AS EPIC NMS in new modem: SATEL-EASy+Below the text is the question "Do you still want to add the modem?". A "Yes" button is highlighted with a red box.
- Progress Dialog:** A dialog box titled "Progress" with a green progress bar. Below the bar is the text "Downloading settings" and an "Ok" button.
- Details Window:** A window titled "Details" with a green progress bar and the text "Finished". Below this is a text area containing "Connected modem is Modem 2 (Serial Nbr 2037000187)". An "Ok" button is highlighted with a red box at the bottom right of the window.

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1. Check Advanced settings and control, Calibration: Radio bandwidth according to the old network, either 25 kHz or 12.5 kHz
2. Check Basic settings, the new radio serial port settings equals with the terminal device.

The screenshot displays the 3AS NMS interface. On the left, a tree view shows the hierarchy: Prove > Settings > Design > Modems > Modem 2. The main panel shows the 'Advanced settings and control' tab for 'Modem 2'. A table lists various settings:

Name	Value	Update
FTP Start Using New File	0	9.46.1
Get All Values	Yes	9.46.1
Initialize Radio	No	9.46.1
Number of supported values	268	9.46.5
Number of value blocks	14	9.46.5
Calibration		
Selected Channel Width	25 kHz	9.46.5

The 'Advanced settings and control' tab and the 'Calibration' section are highlighted with red boxes in the original image.

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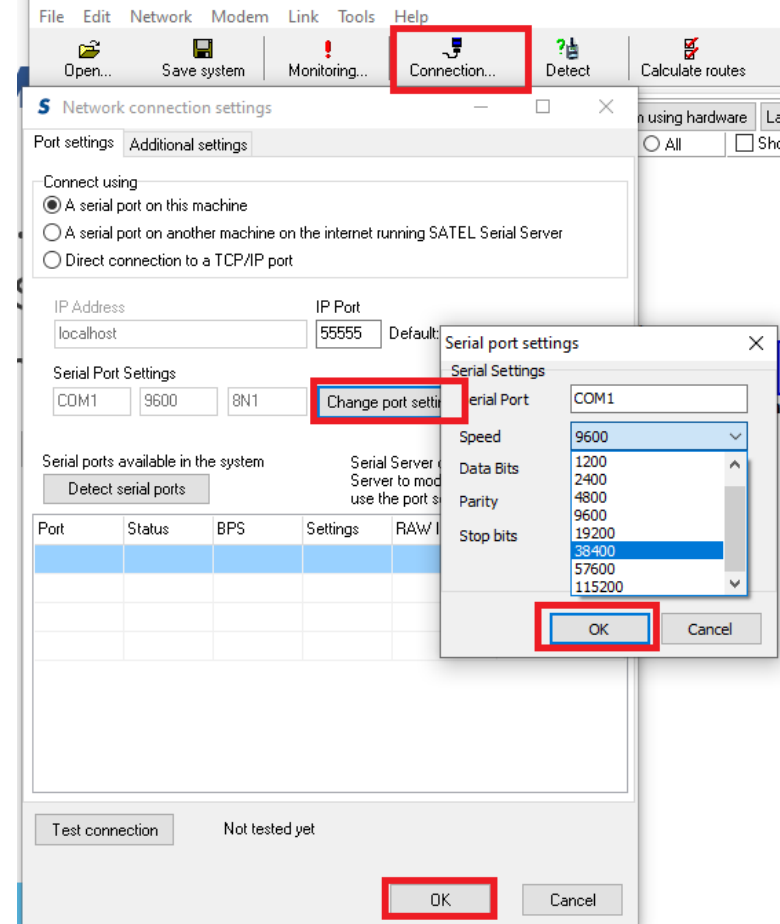
1. The operations according to the To Do list are performed and finally the synchronizations of the Master modem and the new modem

To-do list of Prove

- 1 Set Terminal of Modem 2
- 2 Choose settings for Modem 2
- 3 Add link to Modem 2
- 4 Calculate Routes
- 5 Synchronize Modem 2
- 6 Save the system

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1. If a YC0301 CRS-NMS cable is available, 115200 baud is selected for the serial port setting, which is the default or set port 2 NMS diagnostic port setting.



THE NEW NMS PC 2.1.1.32M

Download link :

https://www.dropbox.com/sh/hfsz3ihga0kw0ry/AADOF2JKJ_DfH7xellbXzpwca?dl=0

This version contains the necessary changes for SATEL-EASy+.

SATEL SERIAL SERVER

Timing is very critical between SATEL-EASy+ and the computer. Therefore, you may need to change the serial server timeout setting as needed:

-9600 baud, timeout 10000ms

-38400&-115200 baud, timeout 5000-6000ms

Error message with invalid timeout setting:

