

ADDING EASY + TO THE 3AS NMS NETWORK

1. Verify that EASy+ firmware is the latest version
2. Open NMS PC SW 2.1.1.32
3. Open the desired NMS network
4. NARS-1F to modem, Prog on, serial port to the computer
5. Turn on the modem

ADDING EASY + TO THE 3AS NMS NETWORK

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 software interface with several dialog boxes open, illustrating the steps to add a modem to the network. The 'Connection...' menu item is highlighted in red. The 'Network connection settings' dialog is open, showing 'A serial port on this machine' selected. The 'Serial port settings' dialog is open, showing 'COM1' selected for the serial port and '38400' selected for the speed. The 'Confirm' dialog is open, showing 'Detect connected modem?' with 'Yes' highlighted in red. The 'Unknown Modem Found' dialog is open, showing a table of modems with 'MacKin Fogvel' selected. The 'Test connection' dialog is open, showing 'Not tested yet' with 'OK' highlighted in red.

Modem	Serial Number
MacKin Fogvel	7725000744
MacKin Modem	1725000745

ADDING EASY + TO THE 3AS NMS NETWORK

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

The screenshot displays a software interface with three overlapping windows:

- Confirm Dialog:** Titled "Confirm" with a close button (X). 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?" and a "Yes" button highlighted with a red box.
- Progress Dialog:** Titled "Progress" with a green progress bar and the text "Downloading settings". It has an "Ok" button at the bottom right.
- Details Window:** Titled "Details" with a green progress bar and the text "Finished". Below it is a text box containing "Connected modem is Modem 2 (Serial Nbr 2037000187)". At the bottom right is an "Ok" button highlighted with a red box.

ADDING EASY + TO THE 3AS NMS NETWORK

1. Check Advanced settings and control, Calibration; Radio bandwidth according to the old network is either 25kHz /12.5 kHz
2. Check Compatibility mode, and set it to SATELLINE 3AS NMS
3. Check Basic settings, the new radio serial port settings equals with the terminal device.

The screenshot displays the SATELLINE 3AS NMS software interface. On the left, a tree view shows the project structure: Prove > Settings > Design > Modems > Visentin Regven > Master Nostro > Modem 2. The main window shows the configuration for 'Modem 2'. At the top, 'Radio Compatibility' is set to 'SATELLINE-3AS-NMS'. Below this, there are buttons for 'Synchronize', 'Basic settings', and 'Advanced settings and control' (highlighted with a red box). A table lists various settings with their values and update times. The 'Calibration' section is expanded and highlighted with a red box, showing 'Selected Channel Width' set to '25 kHz'.

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

ADDING EASY + TO THE 3AS NMS NETWORK

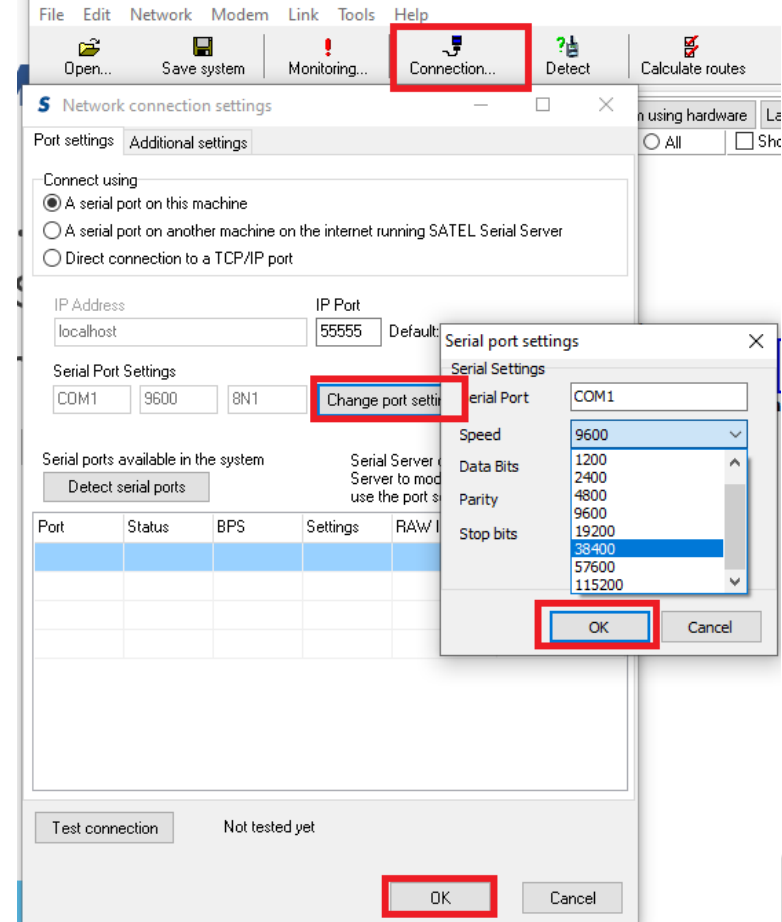
1. The operations according to the To Do list are performed and finally the synchronizations of the Master modem and the new modem

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

ADDING EASY + TO THE 3AS NMS NETWORK

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



NMS PC 2.1.1.32M INSTALLATION PACKET

Download link:

<https://www.satel.com/support-and-services/downloads/>

Technical information -> Software -> SATEL NMS PC software 2.1.1.32M

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

SATEL SERIAL SERVER

Timing is very critical between 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

