

How to check existing Moxa NPort firmware version

The NPort firmware is different from the hardware version (e.g. V2.1.0) printed on the packaging box. You can only retrieve the firmware version using the NPort Administrator or the Web Console (web console is accessible after configuring networking).

The screenshot shows the NPort Administrator-Configuration window. The 'Configuration - 1 NPort(s)' tab is active, displaying a table with the following data:

No	Model	MAC Address	IP Address	IP Address2	Server Name	Status
1	NPort 5110	00:90:E8:5D:48:12	192.168.1.99		NP5110_4247	Unlock

The 'Information' tab is selected, showing the following details:

- Model Name: NPort 5110
- MAC Address: 00:90:E8:5D:48:12
- Serial Number: 4247
- Firmware Version: Ver 2.10** (highlighted with a red box)
- System Uptime: 0 days, 00h:00m:14s

The 'Accessible IPs' tab is also visible, showing the 'Basic' configuration with the following settings:

- Server Name: NP5110_4247
- Time Zone: [Dropdown]
- Local Date: 1/1/2000
- Local Time: 12:00:00 am
- Time Server: [Dropdown]

The 'Basic' configuration also includes checkboxes for 'Enable Web Console' (checked), 'TLS v1.0/v1.1 for HTTPS console' (unchecked), and 'Enable Telnet Console' (unchecked).

The screenshot shows the Moxa NPort Web Console interface. The 'Main Menu' on the left includes the following options:

- Overview
- Basic Settings
- Network Settings
- Serial Settings
- Operating Settings
- Accessible IP Settings
- Auto Warning Settings
- Monitor
- Change Password
- Load Factory Default
- Save/Restart

The main content area displays the 'Welcome to NPort's web console !' message and a table with the following data:

Model Name	NPort 5110
MAC Address	00:90:E8:5D:48:12
Serial No.	4247
Firmware Version	2.10 Build 21032913 (highlighted with a red box)
System Uptime	0 days, 00h:02m:44s

Below the table, the text states: 'NPort's web console provide the following function groups.'

Basic Settings
Server name, real time clock, time server IP address, and Web console,

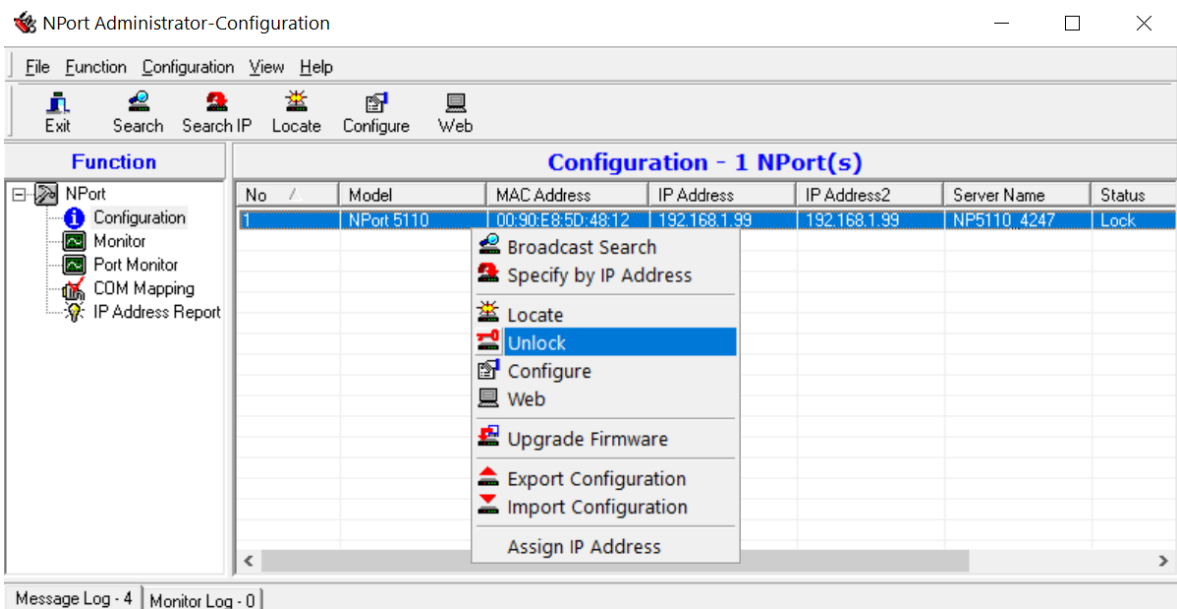
Network Settings
IP address, network, default gateway, static IP or dynamic IP, DNS, and

Moxa NPort firmware upgrade procedure

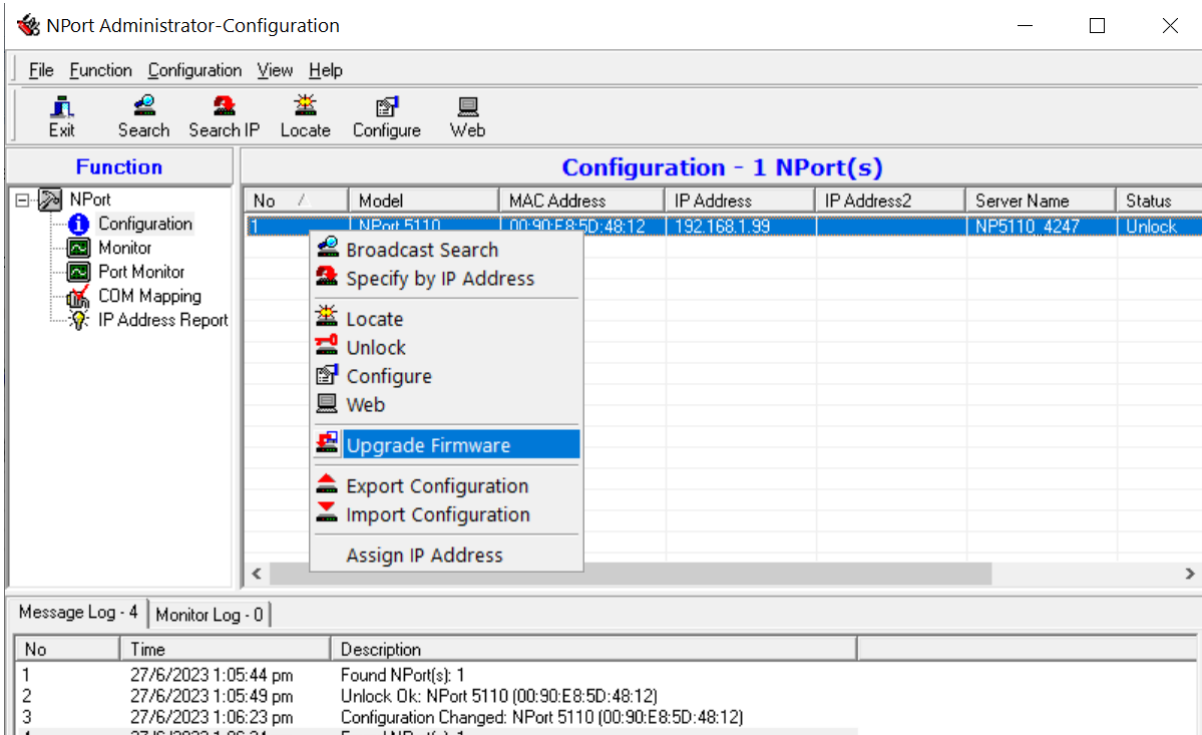
- 1). Stop AlertDispatcher Service from either Client or Windows Services (skip this step if AlertDispatcher has not been installed).
- 2). Hard power cycle NPort device. Do not start AlertDispatcher service first.
- 3). Launch NPort Administrator (should be able to find from windows search).

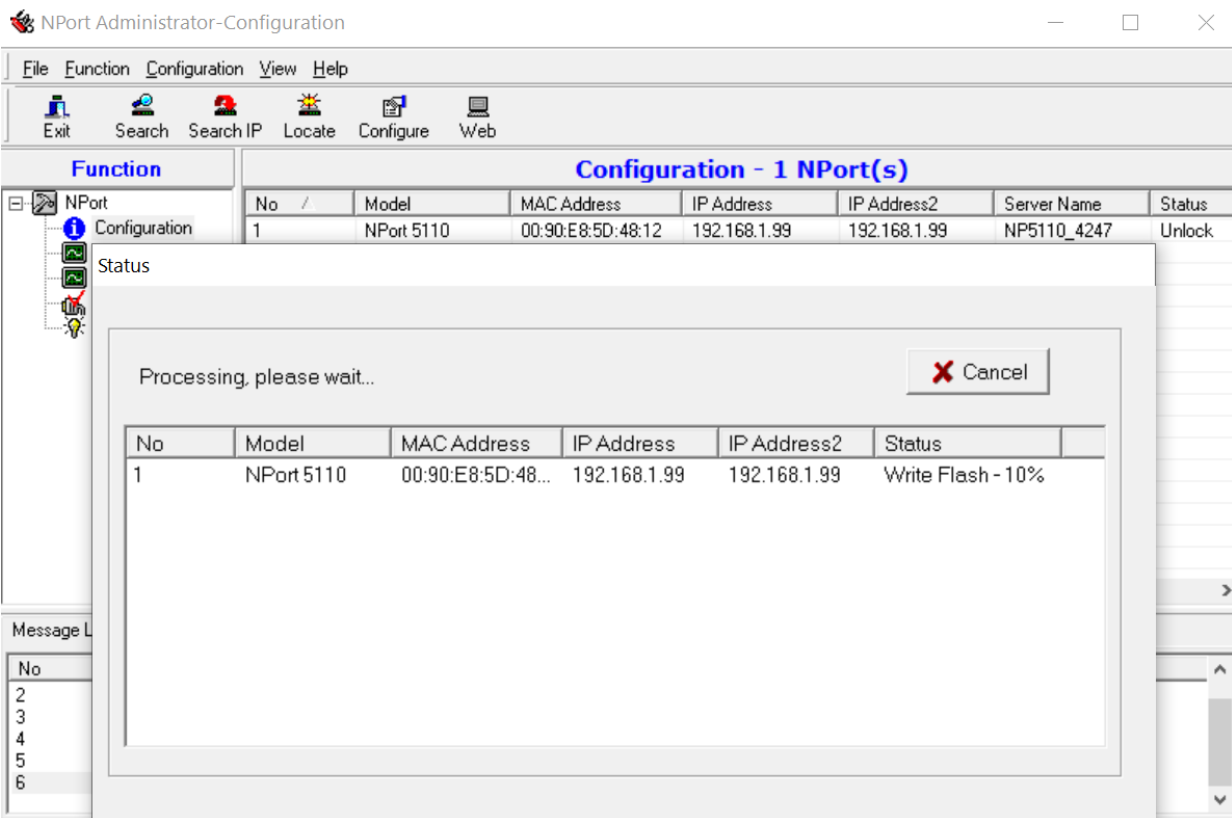
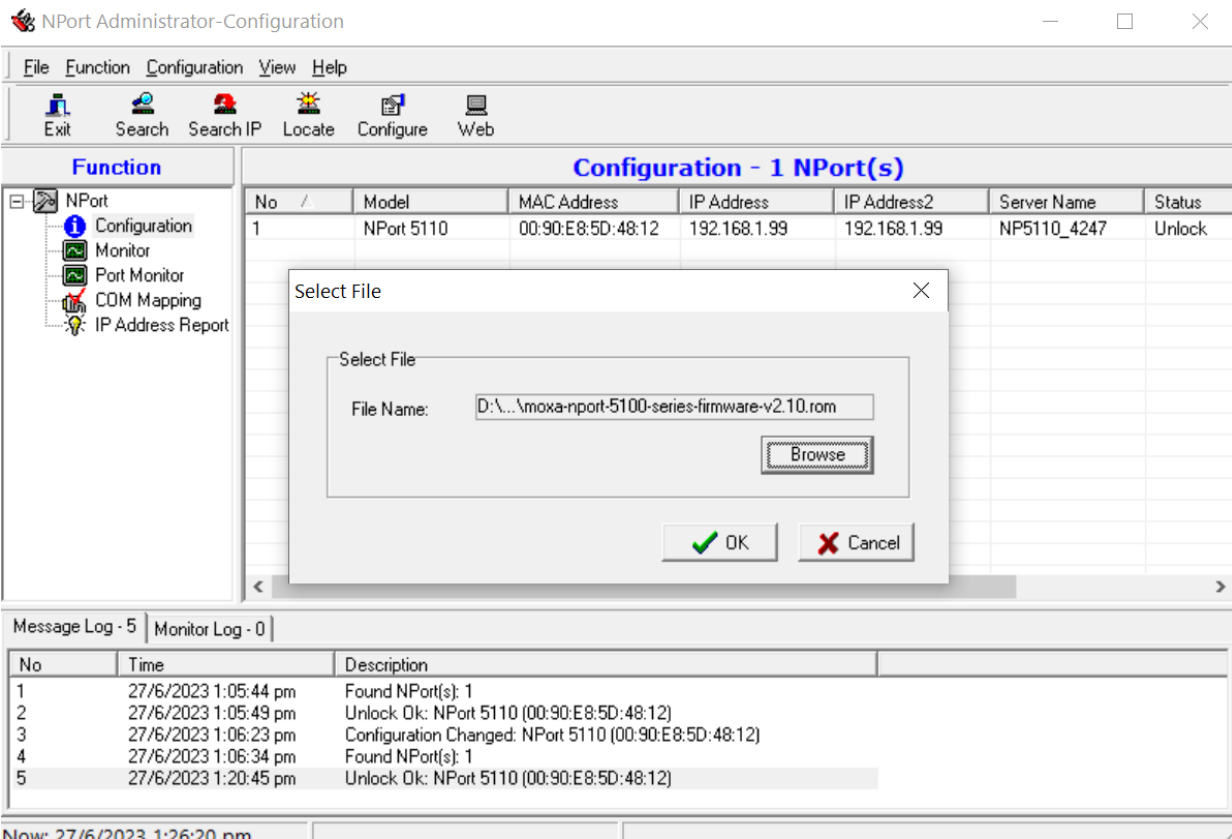
Note: If the NPort administrator can't be launched or has not been installed, you can download the new NPort Administrator v4.1 from the following link. http://www.clickndeploy.com/downloads/NPort_Administrator.zip Note: There may be a new version since this document has been created, please check the Support section of Moxa website for the link to download the latest version.

Use the "Search" button to find the NPort device. Unlock using the default password 'moxa'.



Select "Upgrade firmware" and wait for the upgrade to complete.





4). Once firmware upgrade is complete, kindly confirm that the firmware version has been upgraded, using either NPort Administrator or web admin console. E.g. New Version: v2.10 (Build 21032913)

5). Start AlertDispatcher Service from either Client or Windows Services. This may take a while. Once completed, send SMS manually using AlertDispatcher Client "Send message" tab.