

Network Management Card 3 (NMC 3) for Firmware v2.5.5.1 for Smart-UPS Release Notes

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The Smart-UPS application firmware release notes apply to the following NMC cards:

- AP9640 UPS Network Management Card 3
- AP9641 UPS Network Management Card 3
- AP9643 UPS Network Management Card 3

Affected Revision Levels

Component	File	Details
Smart-UPS Application	apc_hw21_su_2-5-5-1.nmc3	UPS Application for Smart-UPS, Smart-UPS RT, Smart-UPS VT, and MGE Galaxy 3500

For details on upgrading the UPS Network Management Card 3 (NMC 3) firmware, see the [User Guide](#) on the Schneider Electric website. **NOTE:** If you upgrade to firmware version 2.0 or later, you cannot downgrade to a firmware version lower than 2.0.



If you downgrade from firmware version 2.4+ or later to a firmware version lower than 2.4, this will cause the card to be formatted, erasing all security certificates, encryption keys, configuration settings, and the event and data logs.

Schneider Electric Device IP Configuration Wizard

The Device IP Configuration Wizard is a Windows application designed specifically to remotely configure the basic TCP/IP settings of Network Management Cards. The Wizard runs on Windows® Server 2012, Windows Server 2016, Windows Server 2019, Windows 8.1, and Windows 10. This utility is for IPv4 only.

NOTES:

- In firmware version v1.4.x and higher, it is not supported to assign IP addresses to Network Management Cards using the Wizard.
- You cannot search for assigned devices already on the network using an IP range unless you enable SNMPv1 and set the **Community Name** to “public”. For more information on SNMPv1, see the [User Guide](#).
- When the NMC IP address settings are configured, to access the NMC Web UI in a browser, you must update the URL from http to https.

The Wizard is available as a free download:

1. Go to the [Schneider Electric website](#).
2. Select your preferred **Device IP Configuration Wizard** version you wish to download.
3. Click the Download button to download the **Device IP Configuration Wizard**.

New Features

[Top ↑](#)

New Feature
There is no new feature in this release.

Fixed Issues

[Top ↑](#)

Fixed Issue
Database corruption during power failures or restarts while writing data is now resolved.

Known Issues

[Top ↑](#)

Known Issue
There is no known issue in this release.

Miscellaneous

[Top ↑](#)

Recovering from a Lost Password

See the [User Guide](#) on the Schneider Electric website for instructions on how to recover from a lost password.

Event Support List

To obtain the event names and event codes for all events supported by a currently connected APC device, first retrieve the config.ini file from the attached NMC. To use SCP to retrieve config.ini from a configured NMC:

1. Open a connection to the NMC, using its IP Address:
`scp <admin_username>@<ip_address>:config.ini <filename_to_be_stored>`
2. Log on using the Administrator user name and password
3. Retrieve the config.ini file containing the settings of the NMC of the UPS:
`ftp > get config.ini`

The file is written to the folder from which you launched SCP.

In the config.ini file, find the section heading [EventActionConfig]. In the list of events under that section heading, substitute 0x for the initial E in the code for any event to obtain the hexadecimal event code shown in the user interface and in the documentation. For example, the hexadecimal code for the code E0033 in the config.ini file (for the event "System: Configuration change") is 0x0033.

PowerNet MIB Reference Guide

NOTE: The [MIB Reference Guide](#) on the Schneider Electric website explains the structure of the MIB, types of OIDs, and the procedure for defining SNMP trap receivers. For information on specific OIDs, use a MIB browser to view their definitions and available values directly from the MIB itself. You can view the definitions of traps at the end of the MIB itself (the file powernet441.mib on the [Schneider Electric website](#)).

Hash Signatures

Signatures	apc_hw21_su_2-5-5-1.exe
CRC32	B8D94E3C
CRC64	1783A0689216503A
SHA-256	4F26317441B96A768F06DC03F93C52714F51D78D8911E670034C371EDEB1C15A
SHA-1	18913F6D0FDE2BE3DB5F9E0786BA5693D1E05FB6
BLAKE2sp	C8CE7DC6D56CBB6FE680E9AEAA9DA8587DD7DFDCB66409E86874F2F3B7B4B46A

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