Rack ATS with Network Management Card 3

AP44XXA models

What's in This Document

Affected Revision Levels

Component	Version	Details
APC Operating System	3.2.0.7	Network Management Card (NMC) Operating System
ATS Application	apc_hw21_ats5g_3-2-0-1.nmc3	ATS 5G Application
Update Utility	apc_hw21_ats5g_3-2-0-1.exe	Update Utility
PowerNet® Application	powernet455.mib	PowerNet SNMP Management Information Base (MIB)

Schneider Electric
35 rue Joseph Monier
92500 Rueil Malmaison
France

Device IP Configuration Utility

SNMP is disabled by default, and must be enabled for the Device IP configuration Utility to function. You can enable SNMP from the CLI. See your *User Guide* for instructions to enable snmp from the CLI.

The Device IP Configuration Utility can discover Rack ATS units that do not have an IP address assigned. Once discovered, you can configure the IP address settings for the Network Management Cards (NMCs).You can also search for devices already on the network by entering an IP range to define the search. The Utility scans the IP addresses in the defined range and discovers Rack ATS units that already have a DHCP-assigned IP address.

NOTE:

- For detailed information on the Wizard, see the FAQ article *How do I configure APC Network Management Card network settings?* (FA156064).
- To use the DHCP Option 12, see the FAQ article *Which DHCP options are used when an APC Network Management Device makes a DHCPv4 request?* (FA156110).
- To find an FAQ article, go to www.se.com, and select you location. Then select **Support > Documentation & Software Downloads** and enter the article number or title of the FAQ in the Search bar.

System Requirements

The Device IP Configuration Utility runs on Microsoft® Windows® 2000, Windows Server® 2003, Windows Server 2012, and on 32- and 64-bit versions of Windows XP®, Windows Vista®, Windows 2008, Windows 7, Windows 8, and Windows 10 operating systems. The Device IP Configuration Utility supports Network Management Cards that have firmware version 3.0.x or higher and is for IPv4 only.

Install the Device IP Configuration Utility

1. Go to the download center at www.se.com/ww/en/download, click **Select location**, then select your country from the available options.
2. Enter “Network Management Card Device IP Configuration Utility” in the Search bar. Download the latest version of the Network Management Card Device IP Configuration Utility.
3. Extract the .zip file to your desktop, and run the executable file (*DevIPSetup.exe*).

   NOTE: If you leave the **Start a Web browser when finished** option enabled, you can use **apc** for both the user name and password to access the Rack ATS through your browser.

When Installed, the Device IP configuration Utility is available through the Windows **Start** menu options.

New Features

APC Operating System (AOS 3.2.0.7) Support AP9811: Connect the USB to dry contact I/O accessory for the NMC Treck stack upgrade to v6.0.1.81.
ATS Application (ATS5G 3.2.0.1) • Two menu screens have been added to the ATS display to show the frequency/voltage configuration and event counts. See the *User Guide* on www.se.com for more details. • The MODBUS TCP feature has been added to enable communication over the MODBUS TCP protocol. See the *User Guide* on www.se.com for more details.

Fixed Issues

APC Operating System (AOS 3.2.0.7)
General improvements to cyber security and user experience.

ATS Application (ATS5G 3.2.0.1)

- Nine read-only OIDs have been added under the **atsIdent** section. The OIDs are as follows:
  - **atsIdentDeviceName**
  - **atsIdentDeviceLocation**
  - **atsIdentContact**
  - **atsIdentBootMonitorRev**
  - **atsIdentLongDescription**
  - **atsIdentNMCSerialNumber**
  - **atsIdentAppBuildDate**
  - **atsIdentAOSBuildDate**
  - **atsIdentBootMonBuildDate**
- Two read/write OIDs have been added under **atsConfig** section. The OIDs are as follows:
  - **atsConfigDeviceLocation**
  - **atsConfigContact**
- The modification in the configuration of any parameter in the environment screen will not reboot the device.
- Fixed the issue of mismatched severity levels and alarm for 24 V power supply failure.
- The **lcd** command has been modified to support both setting and reading the lcd display status.

Known Issues

APC Operating System (AOS 3.2.0.7)
None.

ATS Application (ATS5G 3.2.0.1)
None.

Miscellaneous

Recover from a Lost Password

To recover from a lost password, you must reset the Rack ATS to its default configuration. Export the .ini file after configuring your Rack ATS and keep it in a safe place. If you have this file saved, you will be able to retrieve your configuration after a lost password event.

To reset the Rack ATS:

1. On the display interface, hold down the **Reset** button for 20–25 seconds, ensuring the status LED is flashing green during this time. When the status LED changes to orange, release the **Reset** button to allow the Rack ATS to complete its reboot process.
2. Access the Rack ATS through a secure connection with the default username and password (**apc** and **apc**).

   Secure connections include a local connection to the CLI by serial cable, a remote connection to the CLI by SSH, or a connection to the web UI by HTTPS. Instructions for each of these secure connections are covered in this manual. Insecure connections are disabled by default.
3. Reset the username and password, then configure the Rack ATS settings as needed.

Event Support List

To obtain the event names and event codes for all events supported by a currently connected APC by Schneider Electric device, first use FTP to retrieve the config.ini file from the Network Management Card:

1. Open a connection to the NMC, using its IP Address:

   `ftp > open <ip_address>`
2. Log on using the Administrator user name and password.
3. Retrieve the config.ini file containing the settings of the Network Management Card:

   `ftp > get config.ini`

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

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

The MIB Reference Guide, available on www.se.com, explains the structure of the MIB, types of OIDs, and the procedure for defining SNMP trap receivers. For information on specific OIDs, use an 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 powernet450.mib is downloadable from www.se.com).

Hash Signatures

apc_hw21_ats5g_3-2-0-1.exe

MD5	2e75b36718e95f292ddce2845715cea9
SHA-1	19925db20529e9cbacda80a3aecb796ed3424e11
SHA-256	84023af4dc001fe6ea5d9ba39968f7930bdfd4b30652a1985fd3407ece05add5