

# SNMP activation on an APC UPS

Once connected to the interface with the user admin (apc). You will normally see this page:

**Schneider Electric** | UPS Network Management Card 3 | Smart-UPS Application | **No Alarms** | apc | English | Log Off | Help

Home | Status | Control | Configuration | Tests | Logs | About

### Home

<b>Model</b> Smart-UPS 750	<b>Location</b> Unknown
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**No Alarms Present**  
• UPS is online.

### Environment

**No Alarms Present**

### Recent Device Events

Date	Time	Event
03/02/2021	11:03:26	Environment: Restored the local network management interface-to-integrated Environmental Monitor (Universal I/O at Port 2) communication.
03/02/2021	11:03:26	UPS: Restored the local network management interface-to-UPS communication.
03/02/2021	10:54:40	Environment: Restored the local network management interface-to-integrated Environmental Monitor (Universal I/O at Port 2) communication.
03/02/2021	10:54:40	UPS: Restored the local network management interface-to-UPS communication.
03/02/2021	09:41:05	UPS: The output power is turned off.

[More Events >](#)

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To configure SNMP, go to the “Configuration” tab, then to the “Network” menu, then to “SNMPv1” and then click on “Access”.

The screenshot shows the Schneider Electric UPS Network Management Card 3 interface. The top navigation bar includes 'Home', 'Status', 'Control', 'Configuration', 'Tests', 'Logs', and 'About'. The 'Configuration' menu is expanded, showing options like 'Outlet Groups', 'Power Settings', 'Shutdown', 'UPS', 'Self-Test Schedule', 'Scheduling', 'Firmware Update', 'PowerChute Clients', 'Universal I/O', 'Security', 'Network', 'Notification', 'General', and 'Logs'. The 'Network' menu is further expanded, showing 'Summary', 'TCP/IP', 'Port Speed', 'DNS', 'Web', 'Console', 'SNMPv1', 'SNMPv3', 'Modbus', 'BACnet', and 'FTP server'. The 'SNMPv1' sub-menu is open, with 'Access' highlighted in a red box. The main content area shows 'Home' with 'Model: Smart-UPS 750', 'No Alarms Present', and 'Environment: No Alarms Present'. Below this is a table of 'Recent Device Events' with columns for Date, Time, and Event. The footer contains copyright information: '© 2019, Schneider Electric. All rights reserved. Site Map | Updated: 03/02/2021 at 11:04 (10.2.0.7)'.

The next page appears, tick the “enable” box and then click “Apply” to activate SNMPV1.

The screenshot shows the 'Configure SNMPv1 Access' page. The page title is 'Configure SNMPv1 Access'. Below the title, there is a section for 'SNMPv1 Access' with a checked 'Enable' checkbox. At the bottom of the section, there are 'Apply' and 'Cancel' buttons. The footer contains copyright information: '© 2019, Schneider Electric. All rights reserved. Site Map | Updated: 03/02/2021 at 11:04 (10.2.0.7)'.

Next, you need to configure the SNMP managers and the community.

Go to the “Configuration” tab, then to the “Network” menu, then to “SNMPv1” and then click on “Access Control”.



Home Status Control Configuration Tests Logs About

### Home

**Model**  
Smart-UPS 750

**No Alarms Present**  
• UPS is online.

**Environment**

**No Alarms Present**

### Recent Device Events

Date	Time	Event
03/02/2021	11:03:26	Environment
03/02/2021	11:03:26	UPS: Restored the local network management card.
03/02/2021	10:54:40	Environment
03/02/2021	10:54:40	UPS: Restored the local network management card.
03/02/2021	09:41:05	UPS: The output power is turned off.

- Outlet Groups
- Power Settings
- Shutdown
- UPS
- Self-Test Schedule
- Scheduling
- Firmware Update
- PowerChute Clients
- Universal I/O
- Security
- Network
- Notification
- General
- Logs

- Summary
- TCP/IP
- Port Speed
- DNS
- Web
- Console
- SNMPv1
- SNMPv3
- Modbus
- BACnet
- FTP server

**Location**  
Unknown

Environment-to-integrated Environmental Monitor (Universal I/O at Port 2) communication.

Environment-to-integrated Environmental Monitor (Universal I/O at Port 2) communication.

Environment-to-integrated Environmental Monitor (Universal I/O at Port 2) communication.

Environment-to-integrated Environmental Monitor (Universal I/O at Port 2) communication.

Environment-to-integrated Environmental Monitor (Universal I/O at Port 2) communication.

More Events >

The following page will appear:

The system needs to reboot for a configuration change to take effect.



Home Status Control Configuration Tests Logs About

## Configure SNMPv1 Access Control

Community Name	NMS IP/Host Name	Access Type
Community Name 1	0.0.0.0	Disabled
Community Name 2	0.0.0.0	Disabled
Community Name 3	0.0.0.0	Disabled
Community Name 4	0.0.0.0	Disabled

Click on "Community Name 1" to configure the first community:

The system needs to reboot for a configuration change to take effect.



UPS Network Management Card 3  
Smart-UPS Application

No Alarms

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### Configure SNMPv1 Community

**Access Control**

**Community Name**

**NMS IP/Host Name**

**Access Type**

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Enter your community (here: public) and the IP address of your Esia or Unity. To finish, click on "Apply". And you're back on the previous page

The system needs to reboot for a configuration change to take effect.



UPS Network Management Card 3  
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### Configure SNMPv1 Access Control

**Access Control**


Community Name	NMS IP/Host Name	Access Type
public	192.168.1.1	Read
<i>Community Name 2</i>	0.0.0.0	Disabled
<i>Community Name 3</i>	0.0.0.0	Disabled
<i>Community Name 4</i>	0.0.0.0	Disabled

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You will notice that a blue banner has appeared, saying that you need to restart the management interface. To do this, go to the "Control" menu, then "network" and "Reset/reboot".

The system needs to reboot for a configuration change to take effect.



UPS Network Management Card 3  
Smart-UPS Application

No Alarms

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Home Status Control Configuration Tests Logs About

### Configure SNMP

SNMPv1 Access

SNMPv1 Access

Enable

Apply Cancel


UPS  
Outlet Groups  
Security  
Network

Reset/Reboot

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Leave "Reboot Management Interface" ticked and click "Apply".



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### Reset/Reboot

#### Reset/Reboot Network Interface

Reboot Management Interface

Reset All

Exclude TCP/IP

Reset Only

TCP/IP

Event Configuration

UPS to Defaults (includes PCNS Authentication Phrase)

Apply Cancel

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If you have connected an APC temperature sensor, you can add the 'CHECK\_SNMP\_APC\_SENSORS' service, which is not in the default UPS pattern.

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