

SNMP activation on an APC UPS

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

The screenshot shows the Schneider Electric UPS Network Management Card 3 interface. At the top, it displays "UPS Network Management Card 3" and "Smart-UPS Application". On the right, there's a "No Alarms" indicator with a green checkmark, the user "apc", language "English", "Log Off", "Help", and a gear icon. A navigation bar at the bottom includes links for Home, Status, Control, Configuration, Tests, Logs, and About.

Home

Model Smart-UPS 750	Location 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”.



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 manager communication.
03/02/2021	10:54:40	Environment
03/02/2021	10:54:40	UPS: Restored the local network manager communication.
03/02/2021	09:41:05	UPS: The output power is turned off.

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Outlet Groups

Power Settings

Shutdown

UPS

Self-Test Schedule

Scheduling

Firmware Update

PowerChute Clients

Universal I/O

Security

Network

Notification

General

Logs

SNMPv1

SNMPv3

Modbus

BACnet

FTP server

Location
Unknown

Summary

TCP/IP

Port Speed

DNS

Web

Console

Access

Access Control

Access

[More Events >](#)

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

Home Status ▾ Control ▾ Configuration ▾ Tests ▾ Logs ▾ About ▾

Configure SNMPv1 Access

SNMPv1 Access

SNMPv1 Access

Enable

[Apply](#) [Cancel](#)

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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
03/02/2021	10:54:40	Environment
03/02/2021	10:54:40	UPS: Restored the local network man
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
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Summary
TCP/IP
Port Speed
DNS
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Console
SNMPv1
SNMPv3
Modbus
BACnet
FTP server

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

Access
Access Control

More Events >

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The following page will appear:

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

Schneider Electric UPS Network Management Card 3 Smart-UPS Application

No Alarms

apc | English | Log Off | Help

Home Status ▾ Control ▾ Configuration ▾ Tests ▾ Logs ▾ About ▾

Configure SNMPv1 Access Control

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

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Click on “Community Name 1” to configure the first community:

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

Schneider Electric UPS Network Management Card 3
Smart-UPS Application

No Alarms ✓ | [apc](#) | English | [Log Off](#) | [Help](#) | ★

Home Status ▾ Control ▾ Configuration ▾ Tests ▾ Logs ▾ About ▾

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. X

Schneider Electric UPS Network Management Card 3
Smart-UPS Application

No Alarms ✓ | [apc](#) | English | [Log Off](#) | [Help](#) | ★

Home Status ▾ Control ▾ Configuration ▾ Tests ▾ Logs ▾ About ▾

Configure SNMPv1 Access Control

Access Control

Community Name	NMS IP/Host Name	Access Type
public	192.168.1.1	Read
Community Name 2	0.0.0.0	Disabled
Community Name 3	0.0.0.0	Disabled
Community Name 4	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. X

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About ▾

Configure SNMPv1 Access
UPS
Outlet Groups
Security
Network
Reset/Reboot

Enable

Apply Cancel

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Leave “Reboot Management Interface” ticked and click “Apply”.

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About ▾

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_APCT_SENSORS' service, which is not in the default UPS pattern.

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Permanent link:
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