

A person's hands are holding a tablet computer in a modern office environment. The tablet screen displays a monitoring dashboard with various data points, including a large temperature reading of 69.6°F, a battery level of 85.7%, and a power status of 52%. The background shows a blurred office scene with people working at desks and a reception area.

PowerChute™ Business Edition

UPS management, graceful shutdown and energy reporting for servers and workstations

Life Is On

APC
by Schneider Electric

PowerChute Business Edition Applications

Supports APC Smart-UPS (less than 5kVA) protecting servers and IT equipment

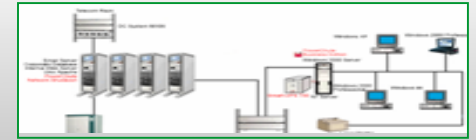
Single Server Smart-UPS

- Graceful system shutdown using serial or USB connections



Distributed Network

- Manage Smart-UPS on different network segments



Servers / Server Rooms

- Manage unlimited number of Smart-UPS via SNMP



Remote Branch Offices / Retail Stores

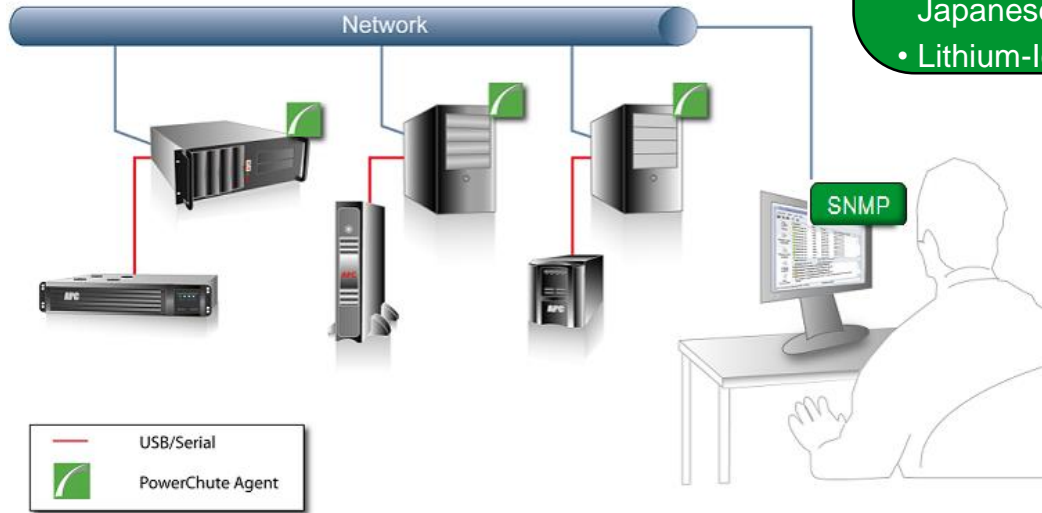
- UPS management & graceful shutdown for servers, workstations & point-of-sale devices in remote locations



How PowerChute Business Edition works

Each server is protected by an APC Smart-UPS

PowerChute Agent is installed on each server



New in v10.0

- Updated to a 64-bit application with 64-bit OpenJDK* support
- Inbuilt JRE update mechanism
- Import and apply configuration, schedule settings
- Combine and download debug, event logs, summary
- Web UI language selection (English, Simplified Chinese, Japanese)
- Lithium-Ion battery management (in supported APC UPS)

Introduced in v9.5

- Single Agent for all APC Smart-UPS
- SNMP v3 support
- SNMP support for Linux
- 64-bit JRE support on Linux machines
- Complete movement to SHA-2 certificates
- No limit on number of nodes to be monitored via an NMS

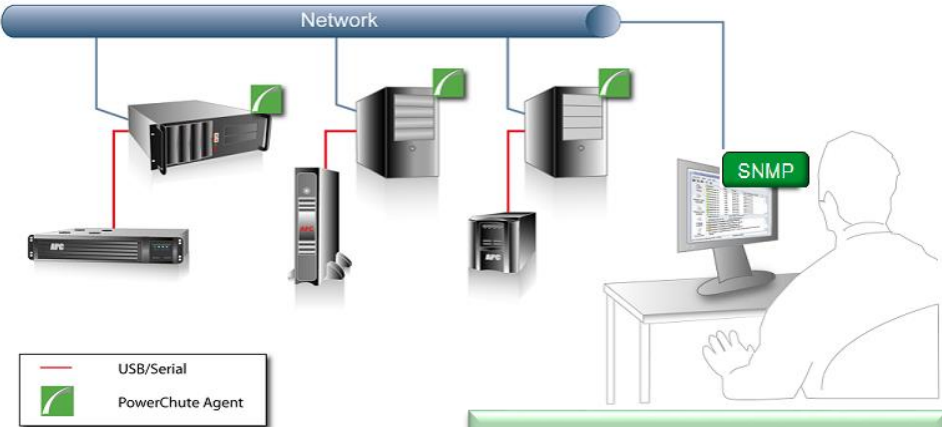
PowerChute Business Edition Product Design Benefits

Load Shedding*
Turn off select outlet groups to shed less critical equipment and conserve runtime

Outlet Group Control*
Turn on / off, reboot or shut down select outlet groups

Sequenced Shutdown & Restart*
Configure select outlet groups to shut down and turn on in a pre-determined order
*Only for Scheduled Outlet Groups only

Monitor Multiple Smart-UPS
Manage unlimited number of Smart-UPS using SNMP over the network with any 3rd party Network Management Station (NMS)



Data & Event Logging
Detailed logs provide information on events leading to an incident & aid investigations

Graceful Server Shutdown
Graceful, unattended operating system shutdown prevents possible data corruption in the event of an extended power outage

Fault Notification
Be notified of problems so that crucial situations can be dealt with in a timely manner

SMTP Authentication
Secure Mail Transfer Protocol support to authenticate e-mail

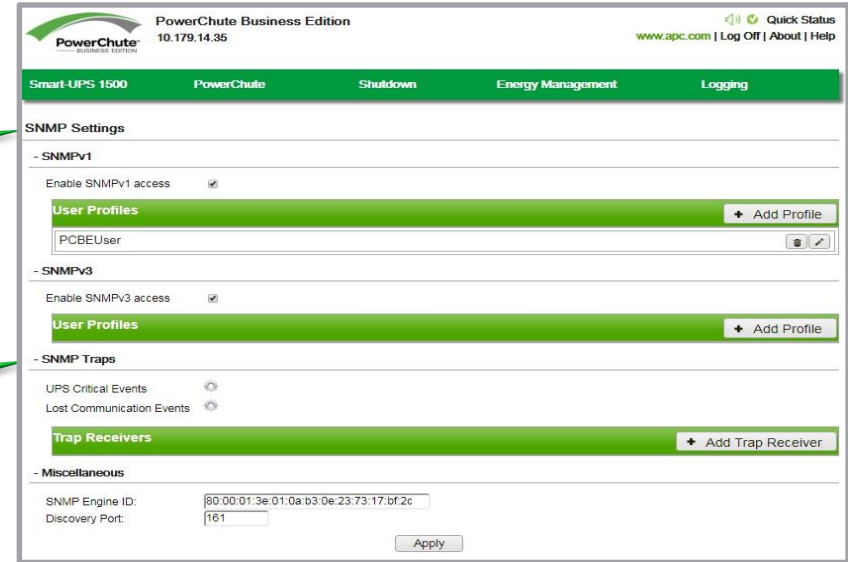
Scheduled Shutdown
Scheduled shutdown and reboot of some or all equipment connected to APC Smart-UPS

Energy Management
Understand the energy usage, energy cost and environmental impact of powering your protected equipment

PowerChute Business Edition Product Design Benefits

Enhanced SNMP – Enable and configure Secure SNMP v3 support in addition to SNMP v1

SNMP Monitoring – Configure SNMP traps for UPS Critical and Lost Communication events



The screenshot displays the PowerChute Business Edition web interface. At the top, the PowerChute logo is on the left, and the text "PowerChute Business Edition 10.179.14.35" is in the center. On the right, there are links for "Quick Status", "www.apc.com", "Log Off", "About", and "Help". Below this is a navigation bar with tabs for "Smart-UPS 1500", "PowerChute", "Shutdown", "Energy Management", and "Logging". The main content area is titled "SNMP Settings" and is divided into several sections:

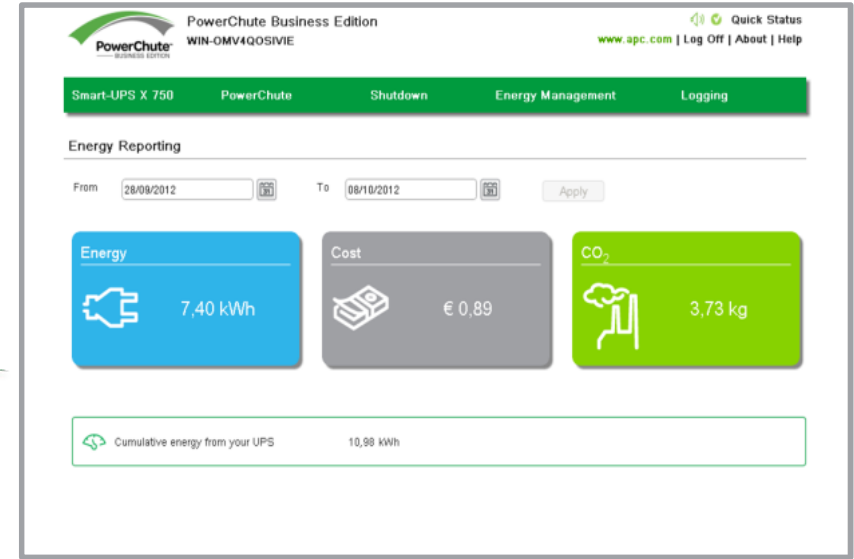
- SNMPv1**: Includes a checkbox for "Enable SNMPv1 access" which is checked. Below it is a "User Profiles" section with a dropdown menu showing "PCBEUser" and an "Add Profile" button.
- SNMPv3**: Includes a checkbox for "Enable SNMPv3 access" which is checked. Below it is another "User Profiles" section with an "Add Profile" button.
- SNMP Traps**: Includes checkboxes for "UPS Critical Events" and "Lost Communication Events", both of which are checked. Below this is a "Trap Receivers" section with an "Add Trap Receiver" button.
- Miscellaneous**: Includes a text field for "SNMP Engine ID" containing the value "80:00:01:3e:01:0a:b3:0e:23:73:17:bf:2c" and a text field for "Discovery Port" containing the value "161". An "Apply" button is located at the bottom right of this section.

PowerChute Business Edition – Energy Management

Energy Usage Reporting - Gain a fact-based understanding of the energy usage of your protected equipment.

Energy Costing - Understand the cost of powering your protected equipment. Update costs as they change to help improve cost reporting accuracy.

CO₂ emissions reporting - Monitor the environmental impact of powering your protected equipment.



PowerChute Business Edition – Customer Benefits

Product Feature	Customer Benefit	Why a Priority
Multiple Smart-UPS Management	Customize your UPS status overview to centrally display parameters such as runtime remaining tailored to your requirements	The ability to see the status of your Smart-UPS centrally is convenient allowing you to see at a glance that your equipment is fully protected
Single Agent supporting all Smart-UPS	Better and consistent user experience with common features and interface irrespective of the Smart-UPS in use	In environments with different Smart-UPS, a single agent interface lowers the learning curve and improves your efficiency
Scheduled Shutdown	Customize a schedule for the shutdown and reboot of connected equipment and Smart-UPS	Greater flexibility for shutting down equipment if not in use or requiring maintenance increases efficiency
Graceful system shutdown in the event of a power outage	Minimize data corruption and equipment damage caused by extended power outages	Equipment damage and destruction, loss of information and inadvertent downtime is expensive
Fault notifications of potential availability or power problems	Allows crucial situations which threaten availability to be dealt with in a timely manner	Advance notification means timely preventative measures can be taken to deal with critical situations
Energy reporting for protected equipment	Gain a fact-based understanding of the energy usage, energy cost and environmental impact of powering your protected equipment	Energy costs are the key motivation for SMB customers to adopt Green IT practices – understanding energy usage is the first step!

PowerChute Business Edition Summary

UPS management, graceful shutdown and energy reporting for servers and workstations

- Graceful server shutdown for data protection
- Fault notifications for critical issues
- Accurate energy reporting for improved energy insight
- Multiple Smart-UPS management for convenience



**60% of APC Smart-UPS customers
install and use...**



Millions of protected customers! - “With PowerChute installed, it’s as if the outage never happened”

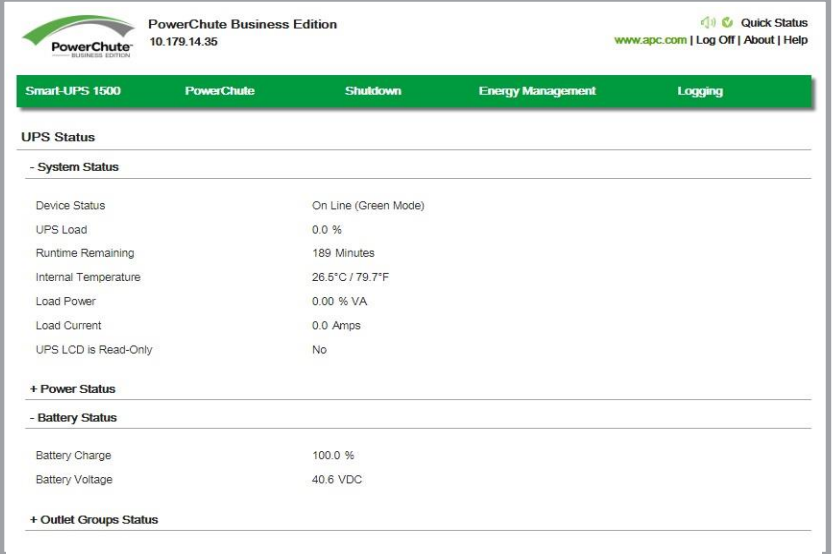
- Richard Verry, Systems Administrator & Software Engineer, The Children’s Institute.

Appendix

PowerChute Business Edition Product Design Benefits

Comprehensive Status view – Monitor System, Power, Battery and Outlet groups (if available) status in a single collapsible view

Vital parameters – Vital monitored data like Runtime remaining, load on UPS readily available



The screenshot displays the PowerChute Business Edition web interface. At the top, the PowerChute logo is on the left, the version 'PowerChute Business Edition 10.179.14.35' is in the center, and 'Quick Status' with a refresh icon and links for 'www.apc.com | Log Off | About | Help' is on the right. Below the header is a navigation bar with tabs for 'Smart-UPS 1500', 'PowerChute', 'Shutdown', 'Energy Management', and 'Logging'. The main content area is titled 'UPS Status' and contains several collapsible sections:

- System Status**

Device Status	On Line (Green Mode)
UPS Load	0.0 %
Runtime Remaining	189 Minutes
Internal Temperature	26.6°C / 79.7°F
Load Power	0.00 % VA
Load Current	0.0 Amps
UPS LCD is Read-Only	No
- + Power Status**
- Battery Status**

Battery Charge	100.0 %
Battery Voltage	40.6 VDC
- + Outlet Groups Status**

PowerChute Business Edition – Scheduled Shutdown

Advanced Scheduled Shutdown capability

Shut down & reboot different outlet group combinations for different schedules.

Customize schedules to turn off different outlet groups for event driven or scheduled shutdowns.

Easy-to-use calendar to track schedules – saving energy has never been easier!

The screenshot displays the PowerChute Business Edition web interface. At the top, there is a navigation bar with the following items: Smart-UPS C 1500, PowerChute, Shutdown, Energy Management, and Logging. Below this is a section titled "Scheduled Shutdown" with a sub-header "To add a schedule, click on the date in the calendar below. Click the Apply button to save new or updated schedules!". A calendar for October 2013 is shown, with the date October 8th highlighted in yellow. The calendar has columns for Sun, Mon, Tue, Wed, Thu, Fri, and Sat, and rows for the days of the month. An "Apply" button is located to the right of the calendar.

Certainty in a Connected World

Schneider Electric

132 Fairgrounds Road
West Kingston, RI 02892
Phone: 401-789-5735



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