

# Software and accessories

## PowerShield<sup>3</sup>

SHUTDOWN SOFTWARE



PowerShield<sup>3</sup> is available for download at [www.riello-ups.com](http://www.riello-ups.com)

### HIGHLIGHTS

#### GRAPHIC MONITORING OF UPS AND ENVIRONMENTAL SENSOR STATUS

PowerShield<sup>3</sup> is a simple but powerful UPS management tool. A graphic version is available for all operating systems.

#### DETAILED DISPLAY OF ALL UPS AND ENVIRONMENTAL SENSOR PARAMETERS

PowerShield<sup>3</sup> provides all the information required for first level diagnostics.

#### EVENTS LOG AND GRAPHIC DISPLAY OF MAIN PARAMETERS

All changes in UPS operating states are logged, as well as the main physical values and parameters. These constantly recorded values are displayed in graphic format.

#### UPS CONTROL PROGRAMMING

This allows you to automate all the actions normally carried out by the user: turning the server on and off, UPS battery test, etc.

#### GRAPHIC MONITORING OF UPS STATUS VERSION FOR MAC OS X

PowerShield<sup>3</sup> software is the only control and shutdown software able to run on a Macintosh system with a client-server cross-platform architecture. It allows integration in TCP/IP networks with Windows, Novell, and the most widely used UNIX operating systems. It supports the NetMan series of network agents for UPS management via network. Multi-lingual support.

#### BLOCK DIAGRAM OF OPERATION

A display of UPS operation in the form of a block diagram makes the analysis of UPS operating states more intuitive.

#### NOTIFICATION OF ALARMS VIA E-MAIL, SMS, FAX AND VOICE MESSAGE

PowerShield<sup>3</sup> can be configured to automatically forward alarm warning messages via e-mail, SMS, fax and voice message.

PowerShield<sup>3</sup> provides efficient, user-friendly UPS management, displaying all major operational information such as input voltage, applied load and battery charge. The software also provides detailed information on fault conditions and UPS operating states. Developed with a client/server architecture, it is the ideal tool for managing multi-platform network systems.

### Features

- **PowerShield<sup>3</sup> free version:** supports a single UPS for the operating systems highlighted in green.
- **PowerShield<sup>3</sup> full version:** supports up to maximum of 32 UPS for all operating systems.
- With sequential and priority-based shutdown, PowerShield<sup>3</sup> provides unattended shut-down of all networked PCs, saving any active work on the most widely used applications. Users can define the shutdown priorities for the various computers in the network and can also customise the procedure.
- With multi-platform compatibility, PowerShield<sup>3</sup> uses the TCP/IP communications protocol to achieve standardised management and monitoring across the widest possible range of platforms. This makes it possible to monitor computers with different operating systems from a single console, for example monitoring a UNIX server from a PC running Windows and also connecting to UPS located in different geographical areas using dedicated networks (intranets) or the Internet.
- With event scheduling, PowerShield<sup>3</sup> users can program their own shutdown procedures, detailing power-off and power-up scenarios to increase system security and save energy.
- With messages management, PowerShield<sup>3</sup> keeps users constantly informed about the status of UPS and environmental sensors, either locally or via network messages.

A list can also be defined of users who should receive e-mails, faxes, voice messages and SMS messages when faults or sudden mains power supply failures occur.

- Integrated SNMP agent: PowerShield<sup>3</sup> features an integrated SNMP agent for UPS management which can send all the information required and generate traps using the RFC1628 standard, and environmental sensors.
- Secure, easy to use and connect; communication is now password protected to ensure UPS system security. Using the new discovery/ browsing function, all UPS connected to a protected computer and/or LAN can be displayed in a list format for monitoring. In the absence of a LAN connection, support is provided for modem-based communication.

### Supported operating systems

- Windows 2000, 2003 Server, XP, Vista, 2008 Server, 7, 8, on X86, X86\_64 and IA64 processors
- Linux on X86, X86\_64 and IA64 processors
- Novell Netware 3.x, 4.x, 5.x, 6
- Mac OS X
- VMWare ESX, VSPHERE.
- The most common UNIX operating systems such as:  
IBM AIX, HP, SUN Solaris INTEL and SPARC, SCO Unixware and Open Server, Silicon Graphics IRIX, Compaq Tru64 UNIX and DEC UNIX, Open BSD UNIX and FreeBSD UNIX, NCR UNIX
- HP OPEN VMS.



# PowerNetGuard

INVENTORY MANAGER SOFTWARE



PowerNetGuard is available for download at [www.riello-ups.com](http://www.riello-ups.com)

## HIGHLIGHTS

### GRAPHIC MONITORING OF UPS AND ENVIRONMENTAL SENSOR STATUS

PowerNetGuard is a simple but powerful UPS management and display tool. A graphic version is available for all operating systems.

### DETAILED DISPLAY OF ALL UPS AND ENVIRONMENTAL SENSOR PARAMETERS

PowerNetGuard provides all the information required for first level diagnostics.

### EVENTS LOG AND GRAPHIC DISPLAY OF MAIN PARAMETERS

All changes in UPS operating states are logged, as well as the main physical values and parameters. These constantly recorded values are displayed in graphic format.

### CENTRALISED MANAGEMENT

PowerNetGuard is the ideal solution for managing all UPS in an infrastructure using a single application. With this one application you can monitor and manage all your UPS, ensuring prompt warnings in the event of faults or malfunctions.

### SUPPORT FOR THIRD PARTY UPS

PowerNetGuard also allows you to manage UPS made by other manufacturers via SNMP using their own network boards. This allows you to centralise the management of the UPS fleet into a single system without the need for many different applications, simplifying management and use.

PowerNetGuard software centralises UPS management using network interface (SNMP) communications. It is ideal for Data Centre EDP managers and medium to large-sized networks. Using the RFC1628 Management Information Base (MIB), it ensures standardised management for all UPS compliant with this worldwide standard.

## Features

- Centralised control of remote UPS via Ethernet with SNMP protocol
- Multi-level display of geographical areas, building plans, maps, etc.

- Multi-user access with various security levels
- Compatible with NetMan and RFC1628 standard SNMP agents
- Creation of graphs of input and output values and data back-up to file
- Alarm notifications via e-mail and SMS
- Integrated Wap Server for alarm display
- For Windows operating systems (2008 Server, Vista, 2003 and XP), Linux, Solaris 8, 9 and 10, and Silicon Graphics IRIX

