

# Connectivity

## PowerShield<sup>3</sup>

### Communications Software



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PowerShield<sup>3</sup> can be downloaded free of charge from [www.riello-ups.com](http://www.riello-ups.com)

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

PowerShield<sup>3</sup> is a simple but powerful RIELLO UPS management tool. There are various graphic versions for all the operating systems.

#### DETAILED UPS PARAMETER DISPLAY AND ENVIRONMENTAL SENSORS

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

#### EVENTS LOG AND GRAPHICAL DISPLAY

All changes in UPS operating status are logged and displayed in a graphical format from which the user can monitor trends in the mains electrical parameters monitored.

#### PROGRAMMING OF UPS PARAMETERS

The user can select several options remotely: turn the UPS on or off, restart after a power loss and instigate a battery test.

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

RIELLO UPS PowerShield<sup>3</sup> software is the only UPS control and shut-down software running under Macintosh with a client-server cross platform architecture. It allows integration in TCP/IP networks with Windows, Novell, IBM OS/2 and the most widely used UNIX operating systems. PowerShield<sup>3</sup> supports the Netman Plus series of network agents and provides multi-language support.

#### BLOCK AND FUNCTIONAL DIAGRAMS

PowerShield<sup>3</sup> also displays the UPS in block format providing the user with information regarding operating status.

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

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

PowerShield<sup>3</sup> software guarantees efficient and intuitive UPS management, displaying the most important information such as input voltage, applied load, and battery capacity. In the event of a failure, it is able to provide detailed information on the status of the UPS. Its client/server architecture makes it an ideal tool for managing multi-platform network systems.

#### Features

- Sequential and priority-based shutdown: PowerShield<sup>3</sup> carries out unattended shutdowns of all network PCs, saving any work in progress by the most common applications. Users can define the shutdown priority of the various computers connected to the network and customise the procedure.
- Multi-platform compatibility, PowerShield ensures multi-platform interoperability using the standard TCP/IP as a communications protocol. This makes it possible to monitor computers with different operating systems from a single console, for

example monitoring a UNIX server from a Windows PC or connecting to a UPS located in different geographical areas using dedicated networks (intranets) or the Internet.

- Event scheduling: PowerShield<sup>3</sup> allows users to define their own shutdown and start-up procedures for powered systems, thereby increasing system security and providing significant energy savings.
- Message management: PowerShield<sup>3</sup> keeps users constantly informed of the status of both the UPS and the environmental sensors, both locally and by sending messages via the network. In addition, it also is possible to define a list of users that will receive e-mails, faxes, voice mails and SMS in the event of failures or black-outs.
- Integrated SNMP agent: PowerShield<sup>3</sup> features an integrated SNMP agent for UPS management allows sending all information pertaining to the UPS using the standard RFC 1628 and related trap, and environmental sensors. This feature makes it possible to manage the UPS in compatible SNMP management stations such as HP Open View, Novell Managewise and IBM NetView
- Integrated wap server integrated:

PowerShield<sup>3</sup> allows the user to remotely monitor the UPS via aWAP mobile phone UPS diagnostics has never been so easy and immediate.

- Security and communication is now password protected for increased security in UPS management. Thanks to the discovery/browsing function, all the UPS devices connected to a computer and/or via LAN are immediately displayed in list format in order to be monitored. In the absence of a LAN connection, communication is supported via modem.

#### Supported operating systems

- Windows 2000, 2003 Server, XP, Vista, 2008 Server, 7, 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
- 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
- VMWare ESX, VSPHERE.