

# Powershield<sup>3</sup>

## Communication Software

PowerShield<sup>3</sup> provides efficient, user-friendly UPS management using bar chart displays to show major operational information such as the input voltage, UPS load % and batteries charge %. The software also provides detailed information on fault conditions and UPS operating characteristics. PowerShield<sup>3</sup> has been developed with a client/server architecture that makes it flexible and easy to use, and provides multi-lingual and on-line support.

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



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### 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.

## Characteristics

- Sequential and priority-based shutdown: PowerShield<sup>3</sup> provides unattended shutdown of single and networked PCs, saving any active work and the most widely used applications Windows. Users can define their own shutdown procedures and establish the order in which critical computers (such as servers) are to be powered down
- 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 with Windows and also connecting to UPS located in different geographical areas using dedicated networks (intranets) or the Internet
- Event scheduling: PowerShield<sup>3</sup> users can program their own shutdown procedures, detailing power-off and power-up scenarios to increase system safety and, equally important, power economy
- Messages management: PowerShield<sup>3</sup> keeps users constantly informed about the status of their local and network UPS, and environmental sensors. A list can be defined of users who should receive e-mail messages, faxes and SMS 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 RFC 1628 MIB standard 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

- Wap server integrated: PowerShield<sup>3</sup> allows the user to monitor a UPS through WAP mobile phone
- Security, easy to use and connect, communication is password protected to ensure UPS system security. Using the new discovery/browsing function, all the RIELLO UPS connected to a protected computer or LAN can be displayed in a list format. In the absence of a LAN connection, support is provided for modem-based communication.

## Operating systems supported

- 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