Marcus A. Maxwell, Sr. Software Product Manager   December 18, 2002

Powerware Extensions for IBM Director

FEATURE	BENEFIT
Seamless integration of UPSs into the IBM Director Management Console	• Allows administrators to monitor UPSs in the network, in real-time and obtain advance notice on critical elements of server power management, such as UPS battery status, load level, temperature and alarms for battery replacement. • Launch LanSafe and SNMP/Web Card UPS applications directly from within Director. • Ability to maximize systems availability through the IBM Director user interface.
UPS Inventory management	• Perform UPS inventory queries network wide. • Create customized reports on UPS locations, models, serial numbers, firmware versions, equipment attached to UPSs and other details.
UPS event and alarm management	• Start programs, send email, messages to pagers, log to file, send to newsgroup, initiate SNMP traps triggered by UPS event changes.
UPS Load Segment Control	• Control UPS load segments – individual receptacle groups. • Increase run time by up to 50% on mission critical loads. Switch different UPS loads on and off at predefined times or power failure situations.
UPS reboot and scheduled shutdown	• UPSs can be commanded to reboot specific computer systems or internetworking devices either locally or remotely over the network. • Initiate scheduled shutdown/reboot tasks with integrated UPS applications.
Network wide UPS battery test	• Test battery health for all UPSs throughout the network.
Standard RFC1628.MIB and PowerMIB XUPS.MIB support	• Compatible with the industry standard RFC1628 UPS MIB. • In addition a Powerware proprietary XUPS.MIB is provided for extra functionality like e.g. load segment control.
SNMP "GET" and "SET" commands support	• Control and manage the UPSs on the network via SNMP with the SNMP "GET" and "SET" commands.
SNMP Trap forwarding support	• Forward SNMP Traps from IBM Director to other Network Management Systems.
Central log for UPS events	• Log all or only predefined UPS events network wide in a central IBM Director log.
IBM Director Upward Integration	• Enables Director tools and agents to integrate with Tivoli®, HP OpenView, Microsoft® SMS, CA Unicenter, BMC, NetIQ® and Intel LANDesk® management systems.
IBM Server Proven Certified solution	• Fulfills IBM Certification criteria. • Ensures compatibility with IBM Director solutions.