POWERWARE INTROS 9315 PRODUCT ENHANCEMENTS AT 7X24 CONFERENCE IN SAN ANTONIO

Load Management and Remote Monitoring Capabilities Added to Powerware UPS

San Antonio, TX – November 17, 2003 – Powerware Corporation, a global leader in power quality and management solutions, today announced product line enhancements to the Powerware 9315 family of uninterruptible power systems (UPS). Information technology and facility managers can now utilize a 0.9 output power factor on the Powerware 9315-400/500kVA models for load management, and connect any Powerware 9315 model to online systems through an Ethernet network or Internet connection for performance monitoring and remote systems management.

The Powerware 9315 is a three-phase double conversion online UPS, delivering high performance and advanced communication capabilities for critical information technology applications. The new 0.9 output power factor on the Powerware 9315-400/500kVA models increases the true power output from 400 kW to 450 kW, making the system ideal for the next-generation data center using new servers capable of higher power factors.

The 0.9 output power factor delivers this increase in usable power capacity without increasing the footprint of the UPS, resulting in additional power output per square foot of data center space. This feature provides IT and facility managers with greater flexibility when it comes to load management and facilities planning.

The Powerware 9315 UPS also features Powerware's double-conversion online technology that resolves power anomalies and supplies high 9's uptime protection to all connected servers, storage devices, networking equipment and medical devices.

"The Powerware 9315 output power factor and connectivity enhancements reinforce our commitment to providing the best solution for IT and facility managers to eliminate power quality disturbances," said Darrick Finan, Director of Product Marketing at Powerware.

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"With more than 40,000 worldwide installations, the Powerware 9315 is a proven, highly **reliable power management solution that guarantees consistent, stable power essential for mission-critical applications in banking, hospital, government and other enterprise environments."**

In addition to the 0.9 output power factor, the Powerware 9315 also features a new embedded communications bay. This feature enhances the communications capability of the UPS by providing support for a variety of software and connectivity applications, including:

- Direct integration of UPS information (meters and status) to a building management system using Modbus RTU protocol.
- Remote monitoring via standard web browser, Email or network management system (NMS) using SNMP.
- "Out-of-band" communications via an internal modem directly to cell phones and pocket pagers.
- Real-time remote monitoring via the Powerware Customer Reliability Center.

The embedded communications bay is powered by the UPS to ensure reliable communications in the event of a utility failure and installed before shipment to eliminate the need for onsite installation.

The Powerware 9315 is designed with redundant critical components, minimal printed circuit boards, 100 percent digital signal processing and superior cooling. These considerations provide the highest Meantime-Before-Failure (MTBF) and lowest Meantime-To-Repair (MTTR) values in the industry. The Powerware 9315 can also be paralleled for both redundancy and capacity using patented Hot Sync® UPS technology.

Powerware's Hot Sync enables two or more UPS modules to work in tandem without a bundle of wires connecting the units. This wireless design means that the units are in sync, yet they are functioning independently of each other. If one module fails, the other picks up the load immediately protecting the network from downtime.

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N+1 redundancy gives an added string of reliability further eliminating single-points-of-failure found in other paralleled redundant systems used in the industry.

Additional Powerware 9315 UPS features include:

- **Battery Monitoring** – The DC Expert™ battery monitoring system provides accurate information on backup time and battery health, preventing load losses due to unexpected battery failure.
- **ProActive Service** – The ProActive service plan maximizes uptime for mission-critical systems by providing 7 x 24 corrective maintenance, remote monitoring and technical support for the first year following installation.
- **Complete software offerings** – The Powerware software products provide customers the ability to monitor, manage, and control their UPSs, power train equipment, and applications. Functionalities range from basic shutdown to advanced enterprise-level management. LanSafe™ network shutdown software, PowerVision®, and FORSEER® are available for the Powerware 9315 UPS.

The embedded communications bay for the Powerware 9315 UPS will become globally available on January 1, 2004. The Powerware 9315-400/500kVA 0.9 output power factor option will become globally available on February 5, 2004. For more information on the Powerware 9315 UPS and other Powerware solutions visit **www.powerware.com**.

Powerware Corporation
Powerware Corporation is a global leader in power quality and management solutions. Offering the broadest range of product and services available today, Powerware integrates a full line of AC and DC power systems, power management software, remote monitoring, turnkey integration services and site support, providing a seamless solution.

Powerware systems and services deliver the high nines of availability demanded by today's digital economy. Powerware products and services are utilized in local and wide area networking, data and voice over IP, co-location facilities, fixed-line and wireless communication networks, and industrial manufacturing. Powerware Corp. is headquartered in Raleigh, NC, and is part of Invensys plc.

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