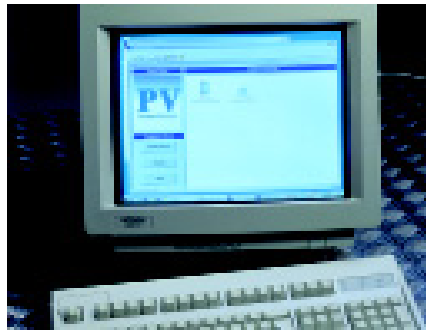


# PowerVision

## UPS Power Management Software

### Benefits

- Real-time, enterprise-wide monitoring
- Drill-down monitoring of individual meter or status for the UPS isolates the issue and speeds diagnosis
- Monitoring via client (local or remote), server, the Web (computer or PDA) or optional Building Management System interface provides easy "anywhere/anytime" access
- PowerVision's scalable architecture allows network managers flexibility in extending the umbrella of protection across the enterprise.
- Supports Powerware 9315 Hot Sync Parallel Redundant UPS monitoring
- Optional Emergency Computer Shutdown provides graceful, unattended, enterprise-wide shutdown of computers to protect critical data.
- Alarm notification through any combination of paging, SMTP email or optional SNMP traps speeds corrective action
- Trend analysis and diagnosis of chronic power problems
- Simple traffic light color scheme makes PowerVision easy to follow
- Optional modules add functionality



PowerVision performance monitoring and trend analysis software is designed for most critical server farms and data centres. It monitors the UPS and its performance 24 hours a day, all year round. PowerVision alerts the administrators in good time before anything goes wrong in the system, helping to keep the site online.

Each PowerVision server is able to monitor up to 60 Powerware UPSs by recording events and data pertaining to them. This covers the range of online Powerware UPSs: Powerware 9305, 9315, 9340, 9120, 9125, 9150, and 9170+ series.

Monitored devices can be configured with critical data points, alarm priorities and other relevant settings by an authorised user to suit specific monitoring needs. Data points include Meters (analogue) and Status (digital) inputs which open detailed windows into the past, present and future performance of the UPSs. PowerVision provides a centralised and current view into the operation of the UPS equipment supporting your mission-critical applications.

### Product Snapshot

**Type:** Advanced monitoring and performance analysis software for Powerware 9 series UPSs

**System Requirements:**

PC with 233 minimum MHz Pentium processor, 600x800 VGA monitor, 250 MB available hard disk space, and CD ROM drive

**Operating systems:**

Microsoft Windows 95/98/ME (for client)  
NT/2000/XP (for server and client)

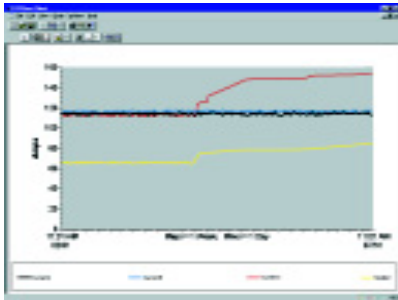
PowerVision is a true distributed processing Client/Server application. The server functions as a centralised storage location, gathering and archiving data from the UPSs remotely through a ConnectUPS™ SNMP adapter or via serial communication. The client(s) retrieve and display information from the server database. The monitoring part of the application provides recorded, real time and predicted data from the UPSs. The administrator can also send automatic routed alarm notifications by e-mail, pager, or optionally SNMP traps. The Client/Server application optimises performance in the UPS network monitoring.

In case of emergency the new optional shutdown module can initiate graceful shutdown of hundreds of computers in the network. The license allows one shutdown controller and unlimited number of clients. Technically a single PowerVision shutdown server can control hundreds of clients, depending on network and computer load. Typically for PowerVision, the shutdown trigger function can be tailored to meet users' needs including the possibility of parallel redundant UPS support.

# PowerVision

## UPS Power Management Software

### "THE PAST" GRAPHING AND STATISTICAL



For every data point monitored, PowerVision stores archived information for up to one year. With PowerVision's automated statistical tools, you can easily see important performance data such as average, maximum, minimum, trending and standard deviation.

### EQUIPMENT VIEWS



Individual UPS data can be viewed for either meter or status information. These views offer real-time readings for each data point monitored.

### ONLINE VIEW



Animated onlines make it easier to understand the current operating mode of the UPS.

### "THE PRESENT" SYSTEM OVERVIEW



The default system overview provides you with an "at a glance" view of all the monitored UPSs. The simple stoplight colour scheme instantly conveys status and conditions.

### ALARM NOTIFICATION

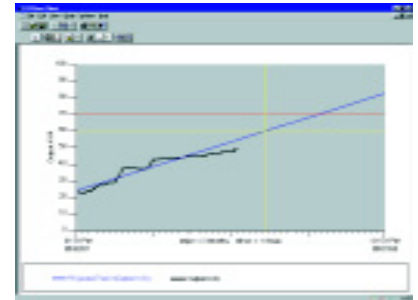


Alarms can be viewed for the entire system for each individual UPS. Yellow cautionary and red critical alarms are automatically prioritised to help manage multiple alarms. With the Out Call paging feature and SNMP Virtual Agent, no alarm will ever be undetected.

### OPTIONAL MODULES ADD FUNCTIONALITY

PowerVision capabilities can be enhanced with additional module licenses. These options include ModBus gateway, SNMP agent, 9315 SBM monitoring, emergency shutdown for operating systems and secure sockets layer for the integrated web server.

### "THE FUTURE" PROGRAPH



With the unique Prograph feature, PowerVision projects historical trending data into the future so you can plan for future (take out) growth or potential problems. Prograph can even monitor selected data points and alert you if an alarm is detected at a future date based on the projected trend. With PowerVision watching your critical power systems, you are always looking ahead.

### HTTP WEB INTERFACE



PowerVision comes with an integrated web server. UPS data and alarms can be viewed remotely through a browser, PDA or web enabled mobile phone. Optional secure web server provides Secure Sockets Layer (SSL) encryption for maximum security.

*Specifications subject to change without notice.*