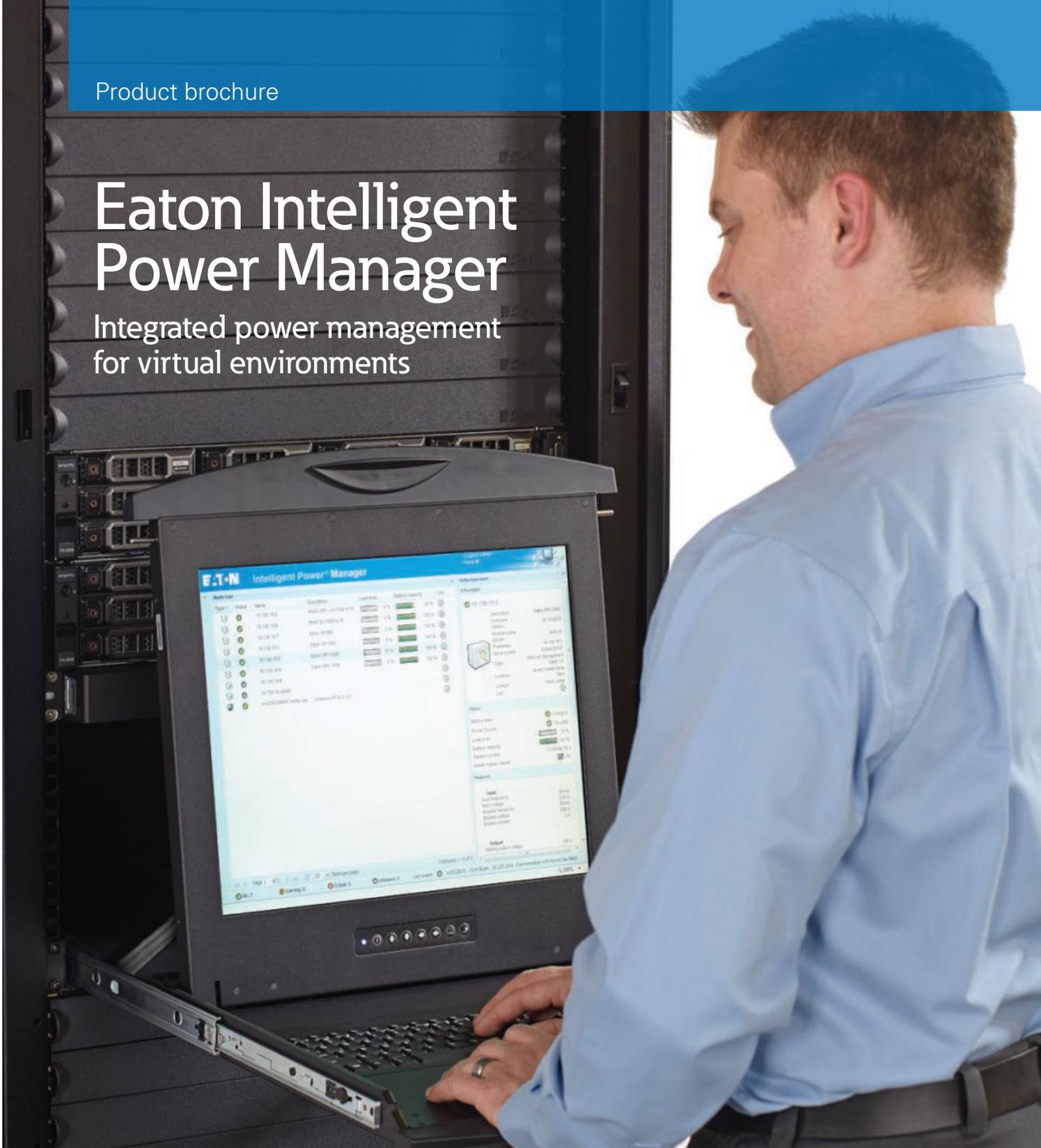


Product brochure

Eaton Intelligent Power Manager

Integrated power management for virtual environments



EATON
Powering Business Worldwide

JEMTECH
GROUP

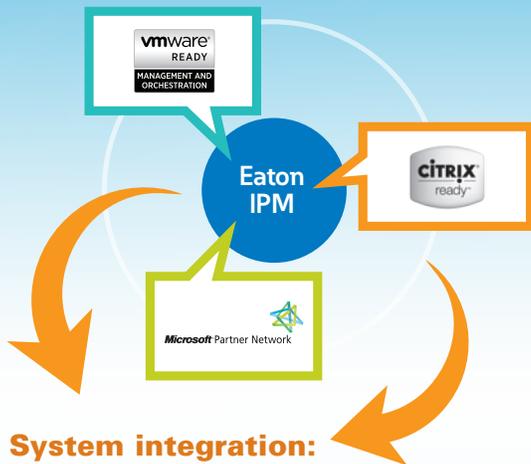


Ensure data integrity

Eaton's Intelligent Power Manager (IPM) software provides all the tools you need to monitor and manage power devices in your physical or virtual environment. This innovative software solution ensures

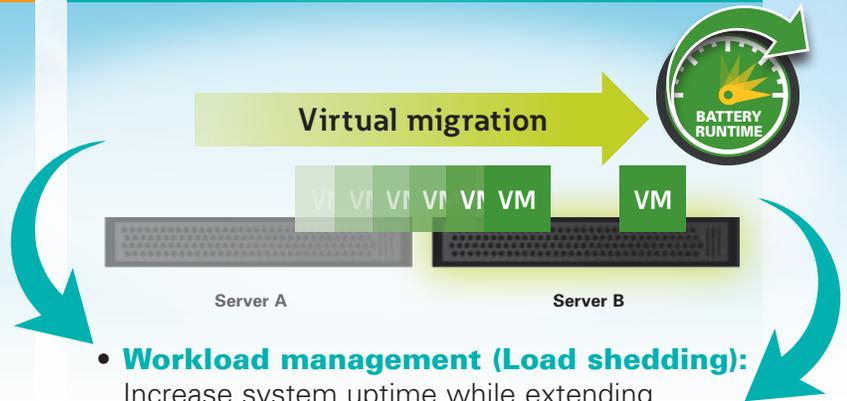
system uptime and data integrity by allowing you to remotely monitor, manage and control devices on your network. IPM provides a solution that is easy to use and maintains business continuity.

Ease of use



- **System integration:** Simplify setup and reduce the learning curve by conveniently integrating into existing virtual management systems, allowing you to spend time performing other critical tasks.
- **Remote agentless host management:** Conserve valuable time when remotely shutting down servers by eliminating the need for agents that consume resources and slow performance.

Maintain business continuity



- **Workload management (Load shedding):** Increase system uptime while extending battery runtime and minimizing generator load by suspending non-critical virtual machines.
- **Failover:** Avoid data loss and ensure data integrity at all times. Reduce data recovery expenses by syncing primary and disaster recovery sites prior to power failures.
- **Power capping:** Keep critical workloads running longer during a power outage by limiting server power consumption.

Save time:

IPM software provides auto-recognition capability for, hypervisors, servers storage and power devices to reduce initial implementation time.

Save money:

IPM provides more integration points with leading IT software and hardware platforms than any other power management manufacturer (and costs a fraction of the price).

Reduce risk:

In the event of an extended power outage, IPM provides peace of mind by knowing your data is backed up and your system can consolidate critical loads to maximize available uptime.

Simplify power management

IPM simplifies power management across the network through a single, web-based interface, giving you up-to-the-minute information on the status of power in your network.

IPM provides additional management capability for UCS environments and integrates with

VMware's vCenter Server™ virtualization management solution, letting you manage power to your virtualized environment through the vCenter dashboard. Additionally, IPM works seamlessly with several virtualization platforms, such as Citrix® XenServer, Microsoft SCVMM™, Red Hat® and other Xen® open source platforms.

Validated alliance solution provider



Eaton's IPM integrates directly with UCS server management to provide power-capping capability, enabling users to set server consumption limits during extended power outages

Cisco EnergyWise compliant intelligent managed rack PDUs provide outlet level metering and control



Eaton is a featured "FlexPod Powered" solution— one of the five inaugural ecosystem partners in the program and has a published FlexPod reference architecture and solution overview – Eaton.com/Netapp



Eaton's IPM is VSPEX Labs Validated and is the only power quality vendor in VSPEX ecosystem. Find published VSPEX reference architecture, solution overview, IPM VSPEX implementation guide, and joint solution brief – Eaton.com/EMC



Eaton's power management solution suite is VCE vBlock Ready and VMware Ready

Download IPM at Eaton.com/downloads

Eaton IPM software

Intelligent Power Manager – Silver edition	Part #
Support up to 100 licensed nodes	66925
Intelligent Power Manager – Gold edition	Part #
Support unlimited licensed nodes	66926

Eaton IPM installation service

Intelligent Power Manager software	Part #
Installation service: One day onsite	SW06NXXX-001X
Intelligent Power Manager software	Part #
Installation service: Two day onsite	SW06NXXX-002X

One licensed node is defined as an Eaton UPS, ePDU or IPM/IPP instance.

IT downtime for businesses



Size of business	Small (<100 employees)	Medium (100-1,000 employees)	Large (>1,000 employees)
Downtime events/year	1.7	3.5	3.0
Avg length of event	2.2 hours	3.4 hours	0.8 hours
Downtime cost/hour	\$6,900	\$74,000	\$1,130,000
Downtime cost/year	\$25,806	\$880,600	\$2,712,000

Sources: Zetta.net

Power outages cost both time and money

37% of IT professionals suffered an **unplanned outage** in the past 12 months

32% of respondents said those outages last **more than four hours**

34% manage racks in multiple locations or in a **colocation arrangement**

Source: Eaton and Tech Target survey: How "software defined" is redefining the data center

IPM prevents downtime with workload management (load shedding), power capping and ensures data integrity with automated failover



- Save \$1,100 per virtual machine in disaster recovery cost When using VMware's Site Recovery Manager
- Spare thousands of dollars with generator fuel savings

Sources: Capturing the BC/CR Opportunity with VMware's, presented at VMware PEX2014, SOOC3300 Several articles on Hurricane Sandy

"All of the others say their software integrates into VMware, but when challenged and asked to demonstrate that in house, they couldn't do it. Eaton was the only one who could deliver."

—Tom McNinch, Washington Unified School District IT manager

For more information, please contact:
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Powering Business Worldwide



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