

Improve performance and protection of Cisco solutions with Eaton Power Management



The cost of downtime in your data center or edge environments is high. Even more so in virtualized and hyperconverged environments.

After all, we're living in the digital era when disruption to the competition is the goal, and interruption to your business must be avoided.

Fortunately, you can manage the direct and indirect costs of power-related downtime to your Cisco® systems with a proactive power management solution from Eaton®.

Defend against downtime and reduce costs

Eaton simplifies power management and helps ensure your business continuity through power management solutions designed to organize, protect, and manage your Cisco solutions.

Eaton offers a comprehensive suite of power protection, power distribution, rack enclosures, monitoring systems, cable management, and power management software. They're designed to not only protect against downtime and potential damage, but also to reduce power consumption.

Eaton Power Management for Cisco solutions:

- Preserves system uptime
- Simplifies power management
- Enables remote management of the entire power infrastructure
- Slashes electrical consumption rates with ENERGY STAR®-qualified solutions
- Decreases implementation and deployment time



In collaboration with:



Now there's an easier way to select power management

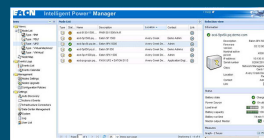
Power management is a critical and often overlooked component of infrastructure management when deploying new systems. Overprovisioning is a waste of immediate budget and can lead to unnecessary battery purchase, maintenance, and replacement. On the other hand, underprovisioning leaves systems underprotected, increasing the risk of downtime.

Because selecting the right power management solution can be challenging, Eaton and Cisco have made it simple through solution bundles for Cisco systems, as well as configurators used when purchasing Cisco solutions.

Eaton Power Management solutions work with:

- Cisco Switches
- Cisco UCS® Servers
- Cisco Integrated Infrastructure
- Cisco HyperFlex™
- Cisco Unified Access®
- Cisco Meraki™ Cloud-managed Switches and Routers

Eaton Power Management solutions include:



Intelligent Power Manager® (IPM) software

View and manage your entire power infrastructure over the network for continuous uptime of hosts and virtual machines.



Rack enclosure and cable management

House and protect equipment in racks that simplify cable management and optimize airflow to reduce cooling costs.



Uninterruptible Power System (UPS)

Protect Cisco systems from hazardous power impurities and provide emergency power during utility failures to support business continuity measures and graceful server shutdown.

Environmental monitoring

Monitor temperature and humidity within the rack enclosure for proactive response to potential risks to system availability.



Power Distribution Unit (PDU)

Distribute power throughout the rack with metered and managed units that provide an accurate and tracked view of power usage.



Manage power smarter across Cisco platforms

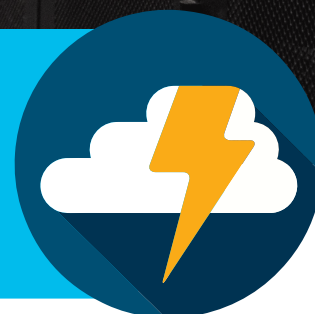
The beauty—and protection—of a graceful shutdown

Eaton Intelligent Power Manager (IPM) software gracefully shuts down Cisco systems during a prolonged power disruption before the end of the UPS battery runtime, preventing data loss and saving any work-in-progress.



Power capping (and why you should care)

During a power outage, Eaton IPM software keeps critical workloads running longer by limiting their server power consumption. IPM works with the Cisco UCS Manager to set power consumption limits on every Cisco UCS blade or rack server.



Benefits

Reduce capital expenses

- Reduce the batteries and hardware to be deployed—using fewer batteries minimizes battery maintenance and replacement costs.

Minimize operating expenses

- Slash electrical consumption rates with ENERGY STAR-qualified solutions.
- Reduce data recovery expenses by synching primary and disaster recovery sites prior to power failures.

Ensure business continuity

- Increase system uptime while extending battery runtime and minimizing generator load by suspending non-critical virtual machines.
- Avoid data loss by shutting down rack servers and blades during an extended outage, preventing server crashes.

Success Stories

Don't just protect your Cisco solutions, maximize their potential with Eaton. Here's how other organizations have done that.

Leading U.S. retailer optimizes Cisco networking across 800+ retail stores with IPM and UPSs.



Remotely monitors and manages power devices through a single pane.

Manages 3200 UPSs.

Reduces cooling costs and consumption.

Metered PDU for FlexPod Express systems used by a U.S. Federal agency.



1% billing grade accuracy on 90 systems deployed around the world.

Metered capabilities simplify remote control and management of racks.

University enhances Block System performance with BladeUPS® and IPM.



Triggers live migrations for virtual machines during power outages.

Provides support for a virtual desktop infrastructure (VDI), virtual environment for other applications, and a flexible disaster recovery solution.

City's quest for continuous uptime answered by Cisco networking safeguarded by UPSs and monitoring service.



Ensures highest level of reliability within its data center.

Identifies potential power problems before they become load loss events.

For more information, visit [Eaton.com/Cisco](https://www.eaton.com/Cisco)