Manage your K-12 power infrastructure smarter with Eaton

As an IT professional in a K-12 school, educators and students rely on your network and technology to learn and grow in a safe, modern classroom setting. Having time to focus on future planning and new technology adoption is critical but not likely since your day is usually consumed with fighting fires. When given the opportunity to enhance the lives of the faculty or students, your value as an IT professional fully materializes. Achieve your career goals and allow for more of these game-changing opportunities through Eaton's smart power management capabilities that alleviate key IT roadblocks.

If given the time, you could focus on things like:
- ✔ Improving documentation
- ✔ Teacher training
- ✔ Enhancing learning processes
- ✔ Automation
- ✔ Single sign-on
- ✔ Bolstering wireless capabilities

Some of the challenges you may face preventing you from advancing these technologies include:
- ✔ Budget constraints
- ✔ Lack of time
- ✔ Not enough staff or support
- ✔ Downtime
- ✔ Slow adoption by faculty

Eaton's power management solutions will save you time, money and reduce your risk of downtime, allowing you to create a highly available network that enriches the educational process and empowers teachers through instant and continuous access to technology.

Save time
by remotely and automatically remediating power issues

Save money
by avoiding costly downtime and data loss

Reduce risk
by implementing a disaster avoidance plan
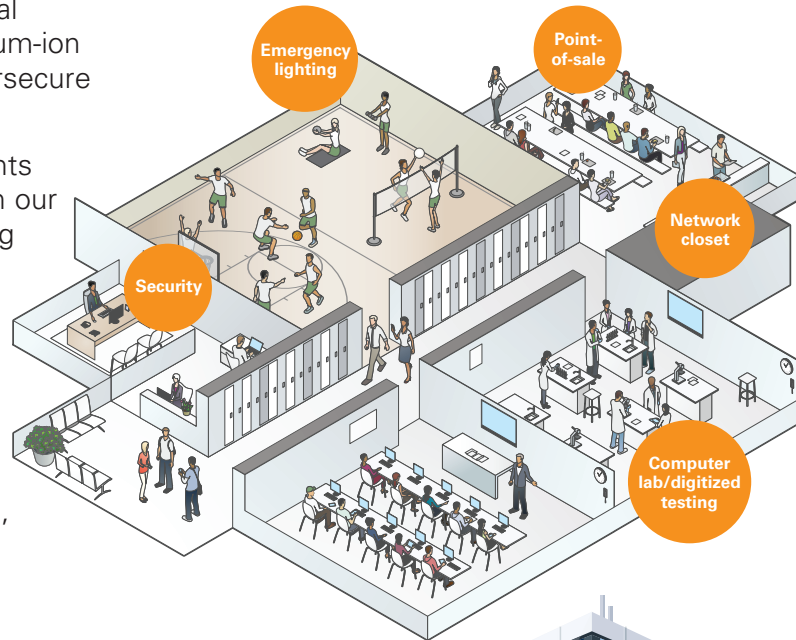
EAT•N
Powering Business Worldwide

Eaton solutions are E-Rate category 2 eligible

Powering infrastructure where it's needed

IT networks and the power management devices that keep them running are the backbone of today's K-12 environments. Students, faculty and staff rely on being able to access information—from updated records to researching a science fair project—virtually or when in the classroom when they're in the classroom and at home. Put simply: downtime just isn't an option.

Eaton can ease your day-to-day workload by offering reliable, efficient and safe power management solutions that organize, protect and manage your environment. Our goal is to ensure that your networks and connected equipment remain available in your "always-on" environment so you can concentrate on the things that matter most to you. Areas within your district that we can help include:

- **Security:** MiniRaQ by Eaton vertical mount wall enclosure and 5P Lithium-ion UPS equipped with UL-listed cybersecure network management card

- **Emergency lighting:** Keep the lights on even when the power isn't with our UL 924 certified emergency lighting UPS options

- **Point-of-sale:** Protect cafeteria transactions with a 5S UPS

- **Network closet:** Reduce clutter and improve remote monitoring and management with a two-post rack, cable management, 9PX UPS, Environmental Monitoring Probe, intelligent rack PDU and Intelligent Power Manager (IPM)

- **Computer lab/digitized testing:** Avoid unplanned disruptions with a 5SC UPS

- **District management:** Remotely monitor and manage entire district with Visual Power Manager (VPM)

Eaton offers a wide range of solutions. Consult your local sales person for configurations.

Organize

Keep servers, switches and storage safe and secure with:

- Open-frame racks
- Wallmount enclosures
- Full enclosures with locking doors, TanLock
- Basic rack PDU

Protect

Provide clean, reliable and redundant power with:

- Rackmount UPS (including short-depth options)
- Extended battery module
- Maintenance bypass module
- UPS service

Manage

Monitor, control and automate your power infrastructure with:

- Power management software solutions that automate and monitor
- Intelligent rack PDUs
- Environmental monitoring probe

Eaton Intelligence Platform

The Eaton Intelligence Platform offers power management software platforms to automate, monitor, visualize and predict these problems before they strike.

VPM and IPM together create a robust power management solutions that through IT platform integrations can monitor and automate risk mitigation actions, keeping your district running at full capacity.

Visual Power Manager

The power of monitoring.

With Visual Power Manager (VPM), you can remotely monitor the power of thousands of PDU and UPS devices through a user-friendly, visual interface that simplifies data for quick action, ideal for monitoring a school district.

Use VPM to monitor power in your schools and administration buildings to better visualize your power infrastructure and take action as needed to maintain continuous uptime of your critical applications.

Monitor your entire power infrastructure so you can:

- ✔ Visual floor layout with alarm notifications help to quickly identify power issues
- ✔ Rack builder eases asset management and new equipment deployments
- ✔ Custom reporting allows you to deliver intelligent reports to administration
- ✔ Multitenancy user access control allows you to set access levels per user, building or area
- ✔ Integrates with mixed vendor environment
- ✔ Control PDU outlets and UPS load segments to remotely power on, off and reboot hung equipment
- ✔ Instill system confidence with failover and capacity analysis and simulations
- ✔ Flexible licensing options to meet your budgetary needs

Eaton.com/VPM

Intelligent Power Manager

The power of automation.

Intelligent Power Manager (IPM) takes a comprehensive approach to automation.

IPM is an easy-to-use disaster avoidance platform with sophisticated capabilities that include triggering alerts and automating resolutions to keep applications running.

In other words, IPM automatically takes action when it notices something awry—once configuration and action policies are set, IPM does the work. This increases uptime and saves time and money by allowing you to remotely solve power issues.

Gain control of your power infrastructure from anywhere with:

- ✔ Shutdown, suspend, power on/off and migrate individual or groups of virtual machines (VM)
- ✔ Extend battery runtime by suspending non-critical VMs and servers
- ✔ Safely shut down and securely restore high-availability environments without crashing VMs or host server
- ✔ Trigger VMware Site Recovery Manager during power event to avoid data loss
- ✔ Regulate rack temperature and other environmental issues
- ✔ Reduce physical infrastructure costs and space by needing less external battery modules to achieve the same runtime
- ✔ Manage Eaton and third-party power devices

Eaton.com/IPM

Integration where it matters

Virtual desktop integration for blended learning. Increased security footprint. Expanded mobile access. All of these changes expand your virtual infrastructure. To help provide a more unified, resilient IT architecture, Eaton works with top IT vendors.

	Alliance program	Partner Product	Integration	Validation	Website
Cisco	CISCO Partner — Solution Partner	HyperFlex,UCS Integrated Infrastructures (NetApp FlexPod, IBM VersaStack, Dell EMC Vblock)	Power capping with UCS Manager IPM integration with VMware		Eaton.com/Cisco
Dell EMC	DELL EMC PARTNER PROGRAM	VxRail, XC series, VxBlock, XC (with Nutanix)	Automated VxRail cluster shutdown during unplanned power events IPM integration with VMware Power capping (Vblock)	VBLOCK READY	Eaton.com/DellEMC
HPE	Hewlett Packard Enterprise Technology Partner SILVER PARTNER	OneView, SimpliVity 380, Composable Infrastructure, Synergy	Power capping, spatial relationship with OneView IPM integration with VMware	Hewlett Packard Enterprise Technology Partner Composable Infrastructure Tested SILVER PARTNER	Eaton.com/HPE
NetApp	NetApp — Alliance Partner	FlexPod, FlexPod Modular Integration, Managed Edge Cloud, NetApp HCI	IPM integration with VMware		Eaton.com/NetApp
Nutanix	TECHNOLOGY ALLIANCE	NX, SX, HX (with Lenovo), XC (with Dell), Prism, Acropolis AHV on Cisco AHV on HPE	Acropolis for VM, cluster and AHV shutdown, connector to Prism IPM integration with VMware	NUTANIX READY • AHV •	Eaton.com/Nutanix
Scale Computing	SCALE COMPUTING	HC	Organize, manage, protect with full Eaton portfolio		Eaton.com/ ScaleComputing
VMware	vmware PARTNER TECHNOLOGY ALLIANCE	vCenter, vRealize Operations, Site Recovery Manager, vSAN	Power mgmt via IPM plug-in to vCenter Infrastructure Management Pack for vRealize	vmware READY MANAGEMENT AND ORCHESTRATION	Eaton.com/VMware

Find out more about how Eaton solutions can help at:
Eaton.com/K12

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