# Manage your higher education power infrastructure smarter with Eaton

**FAT•N**

*Powering Business Worldwide*

# Differentiate with superior technology

**As an IT professional in higher education, faculty and students rely on your network and technology to create an "anytime, anywhere" digitally-enabled learning environment.** By divesting your old technology and reinvesting in standardized and cloud-based services and architectures you can leverage cutting-edge technology to strategically differentiate your institution to attract and retain students and faculty. Eaton can help you build a smart power infrastructure that alleviates key IT roadblocks freeing up the resources needed to execute these game-changing initiatives.

## If given the time, you could focus on things like:

✓ **Enhancing learning processes by**
- Integrating formal and informal learning
- Ensuring a digital learning pathway
- Creating scalable, learner-centric technology architecture

✓ **Automation and 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**

✓ **Platform cross-compatibility in mixed-use environments**

✓ **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 students, faculty and staff through instant and continuous access to technology.

**Save time**
by remotely and automatically remediating power issues

**Save money**
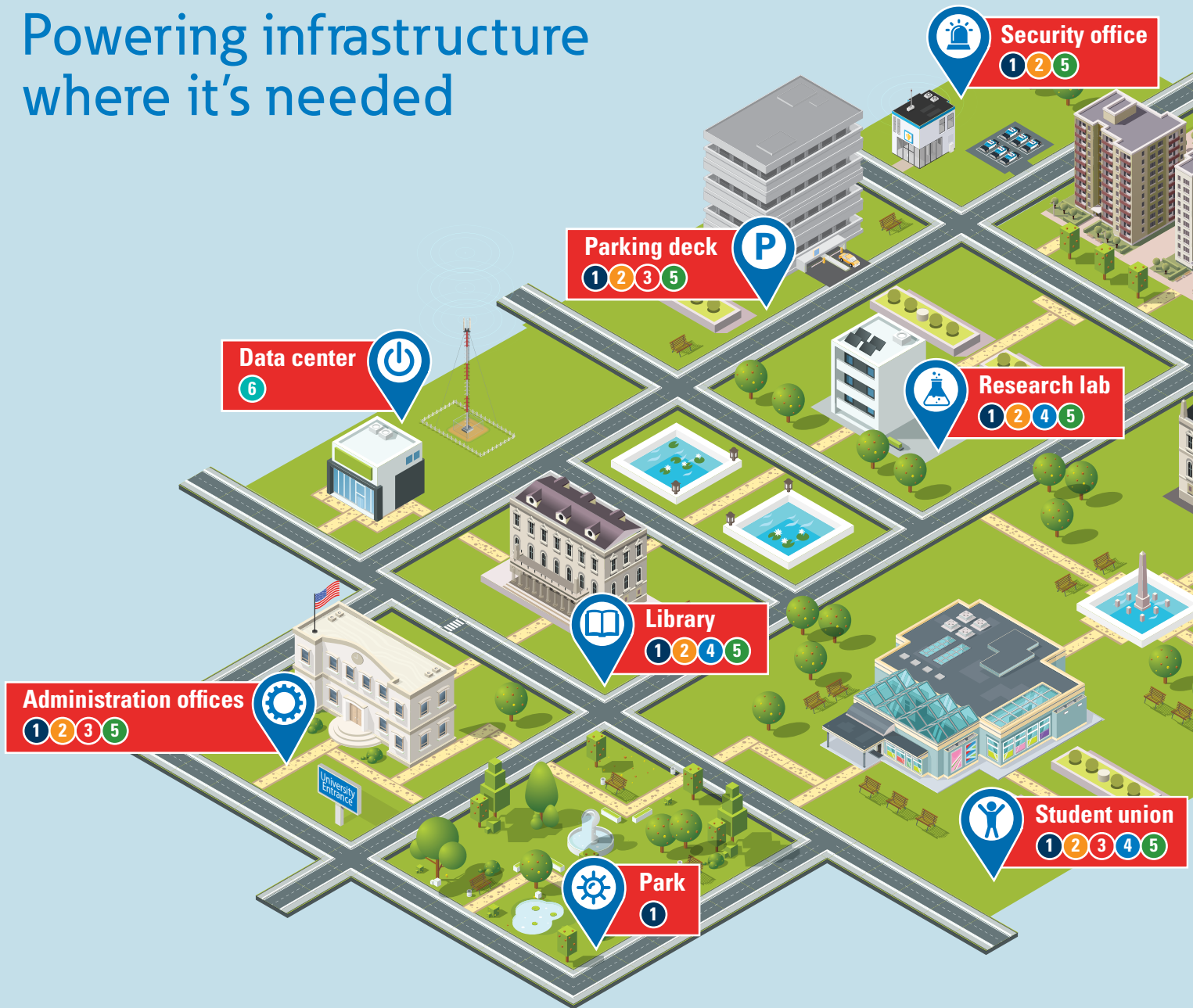by avoiding costly downtime and data loss

**Reduce risk**
by implementing a disaster avoidance plan

# Powering infrastructure where it's needed



**Security office** ① ② ⑤

**Parking deck** ① ② ③ ⑤

**Data center** ⑥

**Research lab** ① ② ④ ⑤

**Administration offices** ① ② ③ ⑤

**Library** ① ② ④ ⑤

**Student union** ① ② ③ ④ ⑤

**Park** ①

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

## Organize

**Keep servers, switches and storage safe and secure with:**

- RA Series IT Rack
- 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:**

- Intelligent Power Manager (IPM)
- IPM Editions
- Intelligent rack PDUs
- Environmental Monitoring Probe

**Residence halls**
1 2 4 5

**Sports complex**
1 2 3 5

**Lecture halls / Computer labs**
1 2 4 5

Eaton offers reliable, efficient and safe power management solutions that ensure your network and connected equipment remain available in your "always-on" environment.

# Applications

**Areas within your campus that we can help include:**

**1 Security**

Safeguard cameras, video surveillance monitors/equipment, lighting in camera-protected areas, badge-entry and electronic locking door systems with:

- 5P Lithium-ion UPS with cybersecure Network Management Card

**2 Emergency lighting**

Keep the lights on even when the power isn't with Eaton certified emergency lighting

**3 Point-of-sale**

Protect financial transactions at your student union, book store, cafeteria, stadiums/arenas, parking decks and administration/registration buildings with a 3S and Ellipse ECO

**4 Digital learning technologies**

Avoid unplanned disruptions to your computer labs, digitized testing, in-class technology and online courses with a 5SC

**5 Network closet**

Improve network uptime, protect power over ethernet (PoE) devices, automate remote remote management and reduce clutter with:

- RA Series IT Rack
- Cable management
- 9PX UPS, Environmental Monitoring Probe
- Intelligent rack PDU
- Visual Power Manager (VPM) software

**6 Data center**

Organize and protect your IT equipment and increase monitoring and management capabilities of your distributed power infrastructure with:

- RA Series IT Rack
- 93PM UPS
- Managed or Metered Rack PDU
- Power management software solutions that automate, visualize and monitor

# 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<br><br>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<br><br>IPM integration with VMware<br><br>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<br><br>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** | NUTANIX TECHNOLOGY ALLIANCE | NX, SX, HX (with Lenovo), XC (with Dell), Prism, Acropolis<br>AHV on Cisco<br>AHV on HPE | Acropolis for VM, cluster and AHV shutdown, connector to Prism<br><br>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<br><br>Infrastructure Management Pack for vRealize | vmware READY — MANAGEMENT AND ORCHESTRATION | Eaton.com/VMware |

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