The world's knowledge doubles every 12 hours – how is it managed?

Doing more with less has become the norm – electrical infrastructures make the most of resources. The lesson? Today's education requires connectivity and that means power.

20%
of world's data comes from the education sector

The goal: an anytime/anywhere digitally-enabled learning environment

Trends

- Student data, learning, lab equipment, every part of the school or campus relies on power
- Power loss halts learning
- 24/7 security/surveillance is a reality
- Distance learning requires constant connectivity

Primary & Secondary

- Increased use of laptops/tablets = need for constant uptime and power efficiency
- Reducing costs and complying with regulations = high priority
- Examinations migrating online

Higher Education

- Virtual desktop integration essential for blended/distance learning
- Mobile access expansion, increased security
- Infrastructure upgrades coming more frequently to ensure stable connections and resilience
- Everything uses data – student halls, learning spaces, dining areas, etc.

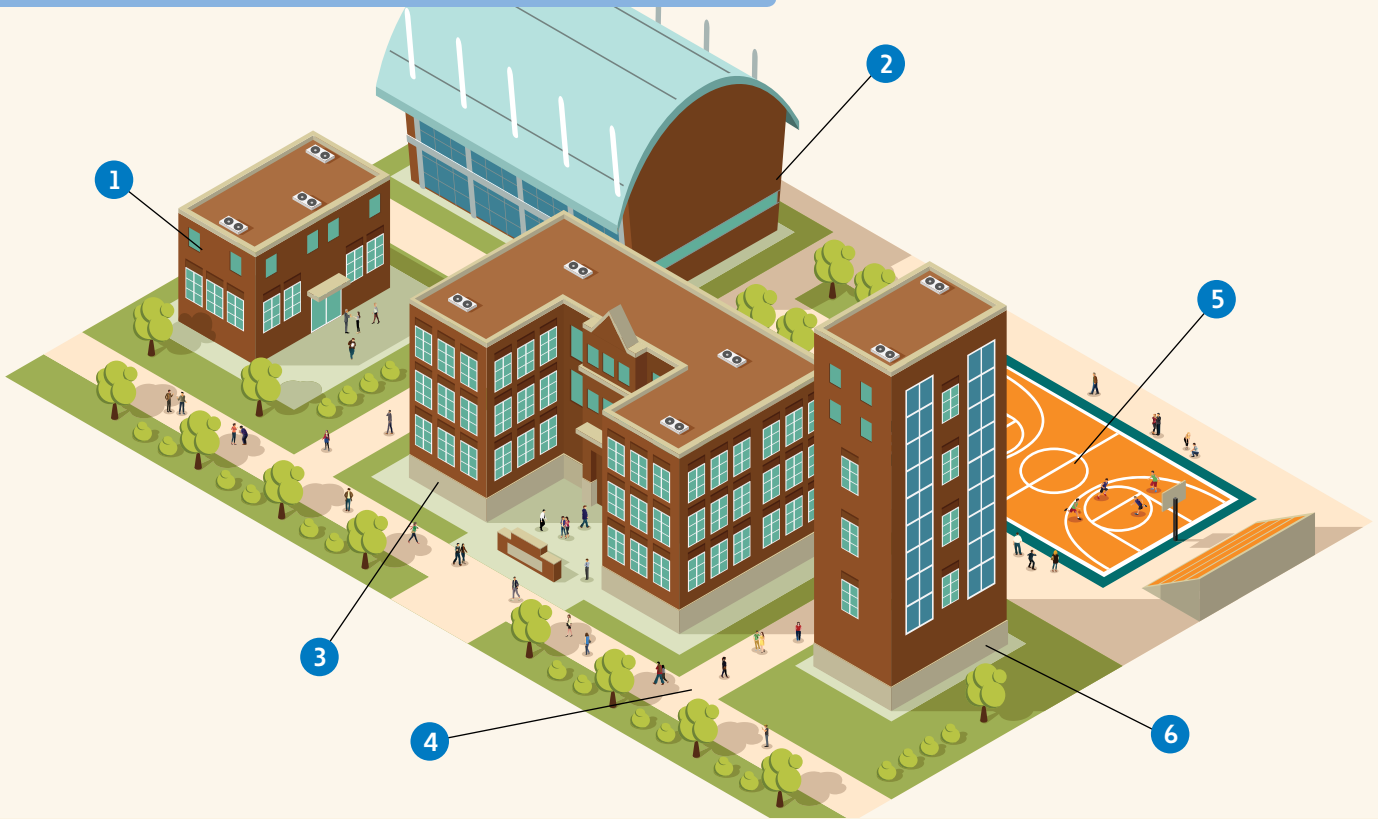### Identifying Opportunities

- Consolidation can bring savings of money and space
- Use of predictive and proactive tools is on the rise
- Hybrid cloud solutions becoming more common

Uncovering Opportunities

- Each school, department and education authority has its own IT needs/ staff
- Involve IT, facilities and project managers from the outset
- Look for opportunities across the campus to drive efficiencies and cost savings

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Powering Business Worldwide

As seen here, power needs exist throughout all campuses. Keep an open mind as you are doing site visits and consider inviting an Eaton Salesperson to tag along. You'd be amazed by the power needs that can arise.

1. Security office
2. Administration offices
3. Network closests near classrooms and labs
4. Lighting and security cameras throughout campus
5. Sports complex
6. Residence halls

Success Story: Winchester University, UK

Solution:

5PX UPSs for reliable power

9SX UPSs for higher power switching

93PM UPS for power protection in the data centre

Intelligent Power Management (IPM) to monitor and manage IT and power infrastructure

Challenge: The University was moving towards a virtualised environment and wanted to bring in power management software to integrate with its existing VMware servers to manage the entire estate through a single pane of glass.

Results: The University of Winchester now has an infrastructure solution across its data center and network that is more resilient, future-proofed and ready to grow with its needs.

> Click to read the full success story online

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