

Revolutionizing Power Distribution in Higher-Education with Panduit FMPS

Universities and colleges face unique challenges as they balance new technology investments with operating aging power infrastructure. FMPS provides scalable, safe, and cost-effective power solutions that meet the challenges large campuses face.

Leading Challenges:

- Aging infrastructure
- Strict budget constraints and long procurement cycles
- Large campus environments requiring multiple IDFs
- Integration of diverse technologies and hardware vendors
- Battery backup for critical network devices
- Limited periods for construction

Popular Solutions :

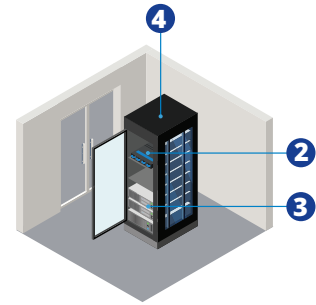
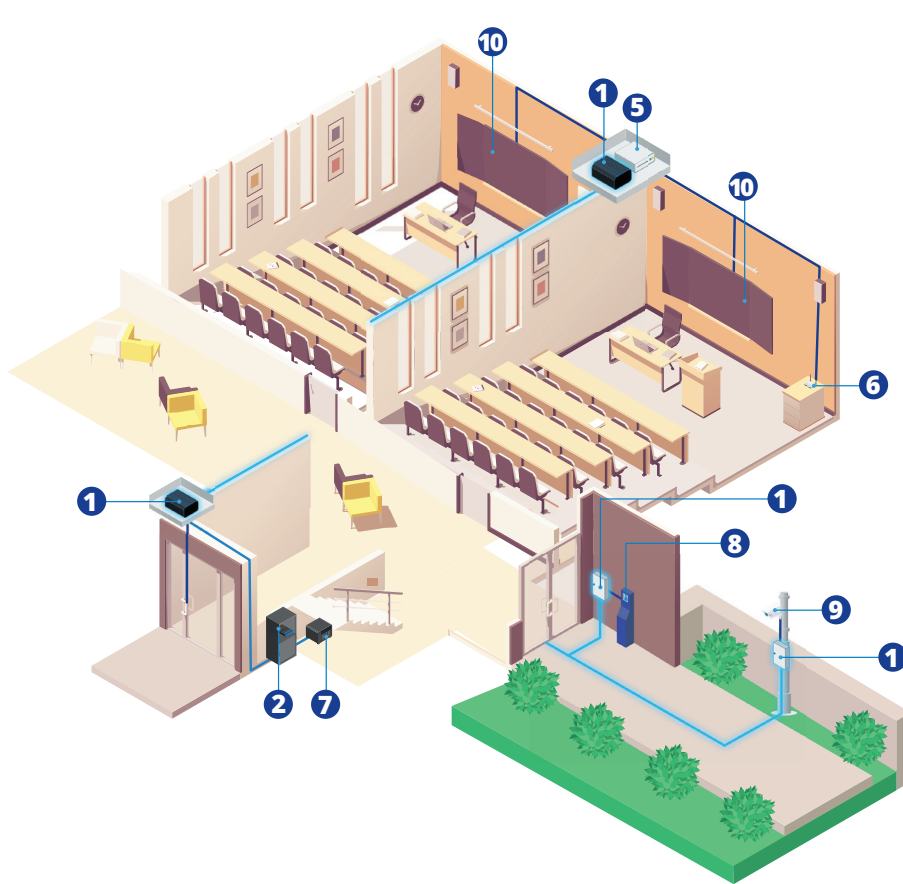
- Powering network switches
- Centralized battery backup
- Conference Room and AV Solutions
- Security cameras, sensors, and access controls

Feature	Advantage	Benefit
Highly efficient power transmission	Enables smaller gauge cables at long distances	Save 40% on trenching and conduit
Design and manufactured by Panduit	TAA compliant hardware, cables and accessories	Meets government requirements for grants and rebates
Power and data connectivity in the same path	Reduces the need for outages and power shutdowns	Reduces construction related disruptions by 60%
Common power output	Integrates with new and legacy hardware	Reduces CapEx project costs by 20%
Integrated monitoring and management	Seamless visibility through any maintenance and monitoring platform	Improves issue resolution time by 20%
Modular hardware design	Can support network devices across any building	Reduces campus network complexity by 15%
Centralized power architecture	Enables easy battery backup and generator extension	Reduces UPS OpEx by 75%

Can FMPS Power That?

- ✓ Enterprise Grade Switches
- ✓ "Lite" Edge Switches
- ✓ Cellular DAS, Small Cells
- ✓ IoT and Smart Tech

Common Higher-Ed Network Architectures



- 1 Panduit FMPS Receiver
- 2 Panduit FMPS Transmitter
- 3 Centralized UPS
- 4 MDF Rack
- 5 Network Switch
- 6 WiFi Access Point
- 7 Battery Backup
- 8 Call Box
- 9 Security Camera
- 10 Monitor

- 1 A/C Power Panel
- 2 Fiber Patch Panel
- 3 Network Switch
- 4 FMP Transmitter
- 5 Panduit UPS
- 6 FMP Receiver
- 7 Lightning Protection
- 8 Security Camera
- 9 POE Light Fixture

