

## Protecting Education's Information Infrastructure

Power And Cooling Solutions For School And University IT Systems



# A New Of Way Of Learning

The information superhighway is running straight through **K-12** classrooms across the nation. IT in education includes not only individual PCs in the classroom, but networks connecting entire school systems.

On the **university** level, computing systems are involved in critical research as well as key administrative tasks. Large-scale VoIP communications systems are being implemented to provide telephone and data network services to dormitories and other campus facilities. Regional campus locations are also being linked through wide area networks.

Add to this data center consolidation and the installation of new network infrastructure to increase cost-efficiency and handle high bandwidths — you can see why these upgrades are pushing the limits of traditional power and cooling strategies for these critical applications.

## *New Demands For Protecting System Uptime*

The need for system availability and security in K-12 and campus networks is growing daily, and downtime is becoming unacceptable. Administration officials, faculty, staff and students are demanding higher availability and greater reliability.

Sensitive equipment in unsecured closets, limited oversight of power and environmental protection and emerging technologies with high-availability requirements need resilient and adaptive power and cooling technologies.

## *New Solutions From A Proven Source*

Liebert has your solution. With over 40 years of protecting the world's most critical networks, Liebert provides power, precision cooling and performance monitoring solutions for mission-critical networks. A Liebert solution features:



- Unmatched applications expertise from decades of protecting the world's most reliable information systems.
- Comprehensive customer support including a network of local technical experts and a global service organization.
- An adaptive architecture for the critical power and cooling infrastructure that provides maximum flexibility, scalability and network availability with the lowest total cost of ownership.
- A platform of power, cooling, monitoring and service support technologies that can meet the fast-changing requirements of mission-critical networks.
- Liebert is the only vendor capable of providing power protection, mission-critical cooling, monitoring, and local support and service solutions for vital educational networks.



## E-Rate Opportunities

Liebert products are E-Rate compliant for qualification under the Schools and Libraries Program of the Universal Service Fund. This program provides discounts to help eligible schools and libraries in the United States obtain affordable telecommunications and Internet access.

It is funded through a Universal Service fee charged to companies that provide interstate and/or international telecommunications services.

## Capabilities And Configurations For Any Education-Related Application

Liebert delivers high-availability power and cooling technology for data centers of any size, network closets, laboratories and classrooms.

### Solutions include:



- Precision cooling to control heat and humidity.



- Racks and enclosures that improve space utilization, support quick reconfiguration, and offer superior equipment and cable management.



- Affordable, scalable UPS systems in a wide variety of capacities for room-level, rack-mount, and desktop applications.



- Critical monitoring and control software for 24/7 management.



- Advanced power distribution to monitor and control all the way down to single devices, locally or remotely, throughout your network.

### Learn More Today

Liebert can offer your school or university a full range of precision air conditioning, as well as power protection equipment, including transient voltage surge suppression protection, power

conditioning and UPS systems to protect your vital IT and communications systems. And we back it all with the industry's most extensive factory-trained service organization.

# Ensuring The High Availability Of Mission-Critical Data And Applications.

**Emerson Network Power, the global leader in enabling business-critical continuity, ensures network resiliency and adaptability through a family of technologies – including Liebert power and cooling technologies – that protect and support business-critical systems. Liebert solutions employ an adaptive architecture that responds to changes in criticality, density and capacity. Enterprises benefit from greater IT system availability, operational flexibility, and reduced capital equipment and operating costs.**

<b>Uninterruptible Power Supply Systems</b>	Single and three-phase systems ranging from 300 VA to over 4000 kVA.
<b>Precision Air Conditioning</b>	In capacities from 1 to 65 tons.
<b>Facility-Wide Surge Suppression</b>	Power, data, telecommunications and controls protection.
<b>Control</b>	Monitoring, control and energy management solutions for power and environmental systems.
<b>DC Power Systems</b>	For communications and telecom applications.
<b>Racks and Cabinets</b>	Specialized enclosures for sensitive electronic equipment.
<b>Service</b>	Solutions that are designed to maintain and consistently enhance the performance and energy efficiency of your support equipment.

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The global leader in enabling *Business-Critical Continuity™*.

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- Outside Plant
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- Connectivity
- Embedded Power
- Power Switching & Controls
- Services
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- Monitoring
- Precision Cooling
- Surge Protection