



Columbia Business School Network Makes the Grade—Thanks to Tripp Lite Power Protection

SUMMARY

Customer

Columbia Business School is one of the nation's leading graduate institutions, with approximately 2,000 students, 130 full-time faculty members and 300 staff members at its New York City campus.

Goal

Protect the servers on the business school's network from damage, downtime and data loss.

Solution

*SmartOnline™ Modular
3-Phase UPS System
• SU40K*

Results

No equipment damage, zero downtime and complete protection for Columbia's network servers.

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Goal

After a series of power problems damaged numerous power supplies and switches on the school's network servers, Systems Analyst Benny Chang set a goal to fully protect Columbia's network from future damage, downtime or data loss.

"We never suffered a total power outage, but various power supplies and switches were burned out and several power panel circuit breakers were tripped," Chang said. "That damage alone was enough to slow down operations and disrupt productivity."

Chang and his eight-member IT team were responsible for more than 150 servers, many of which supported everyday functions such as the Career Services Center and Office of Admissions. Chang's primary focus, however, was protecting the servers supporting Columbia's mission-critical applications, such as course-ware, email, database and file servers. He knew that if they were damaged, the school's activities would come to an expensive and disruptive halt.

"These applications are absolutely vital," Chang explained. "Faculty, staff and students utilize them every day for research, administration and many other purposes. Should the servers supporting these applications be damaged, our campus would be paralyzed. Columbia simply cannot function without them!"

Chang first considered working with APC, since Columbia had used that company's equipment in the past. But APC never followed through on his request to discuss UPS systems, so he began looking for another manufacturer. On the recommendation of a reseller, he turned to Tripp Lite. A phone conversation soon followed between Chang and Mark Filipkowski, Tripp Lite District Sales Manager for New York and New Jersey. After consulting with Filipkowski to determine which Tripp Lite solution would best meet Columbia Business School's power protection needs, Chang chose a SmartOnline™ Modular 3-Phase UPS System (Model SU40K).



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continued



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Solution

SU40K SmartOnline™ Modular 3-Phase UPS System

- Protects mission-critical servers and data from damage due to surges, blackouts, brownouts, overvoltages and line noise
- Converts incoming AC power to DC, and then reconverts it back into full-time sine wave AC output
- Automatically corrects the widest range of incoming voltages of any models in their class
- Produces less than 3% total harmonic distortion (THDi) to allow connected equipment to continually perform at its peak

Results

Since the Tripp Lite UPS System was installed, Columbia Business School has not experienced any subsequent power problems.

"In our case, a large-capacity UPS system was the ideal solution for protecting our network equipment," Chang said. "The Tripp Lite UPS was installed between our power panel and the incoming AC. Since then, we haven't experienced any equipment damage or even a single minute of downtime."

"We chose Tripp Lite for two reasons: the company's reputation as a leading UPS manufacturer, and the attractive price of the Tripp Lite solution we were offered," Chang concluded. "When Columbia needed reliable, cost-effective protection to assure that the school's vital network servers receive clean, safe, stabilized power, Tripp Lite really came through for us!"



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