



Tripp Lite Protects the Whiteriver Unified School District



SUMMARY

Customer

Whiteriver Unified School District serves the local community and is composed of three Elementary schools, one Junior High, one High School, and an Alternative High School.

Goal

Provide protection to critical network and server equipment.

Solution

SmartOnline™ Rack/Tower UPS Systems

- SU10000RT3U
- SU30000RTXR3UHW

Results

School District's IT infrastructure protected from power related problems.



"With an average of one to two power fluctuations per week, we've saved hundreds of thousands of dollars in time, equipment and labor since installing Tripp Lite UPS Systems."

—Pierre Dehombreux
Information Technology Services Director

Customer

Located on the White Mountain Apache Reservation in northeastern Arizona, the Whiteriver Unified School District serves the entire local community. The school district is composed of three Elementary schools, one Junior High, one High School and an Alternative High School.

Goal

As Information Technology Services Director, one of Pierre Dehombreux's most important jobs is to ensure the Whiteriver Unified School District's hardware and software systems are up and running 100% of the time. "In the modern classroom, teachers rely on technology to teach more material in the same amount of time they would have had 20 years ago," Dehombreux noted. "If they come to a classroom and that technology is not working, the time and money invested in creating that educational environment is lost." Keeping critical systems running is no easy feat. The school district is served by an unreliable electrical grid. It's sensitive to the snow, ice and wind of the White Mountains and experiences an average of one to two power fluctuations per week. Birds have also been known to land on the transformers, further aggravating power problems.

With a number of Tripp Lite products already in place, Dehombreux knew he could count on Tripp Lite to provide UPS Systems backed by solid customer support. "We have many pieces of network equipment that need power protection like Enterasys N Series Chassis, HP C7000 Chassis with full blade servers, HP EVA and MSA SANs," explained Dehombreux. "We also have a few smaller items like firewalls, an email spam filter, a web filter and video conferencing equipment."

Solution

SU10000RT3U SmartOnline™ Rack/Tower UPS System



Rear View

- 10kVA / 9kW capacity; full-time active power conditioning provides clean, continuous dual-conversion AC output
- Protects connected equipment from the harmful effects of blackouts, brownouts, overvoltages, spikes and line noise
- Provides reliable battery backup power to ensure continued operation of vital systems, enable data saves and facilitates orderly system shutdown

- Manual bypass switch enables hot-swappable UPS power module replacement with no interruption in output power to connected equipment



1111 W. 35th Street
Chicago, IL 60609
773.869.1111
www.tripplite.com



continued

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Goal

Provide protection to critical network and server equipment.

Solution

SmartOnline™ Rack/Tower UPS Systems

- SU10000RT3U
- SU3000RTXR3UHW

Results

School District's IT infrastructure protected from power related problems.

SU3000RTXR3UHW SmartOnline Tower UPS System



- 3kVA / 2.4kW watt capacity; full-time active power conditioning provides clean, continuous dual-conversion AC output
- Protects connected equipment from the harmful effects of blackouts, brownouts, overvoltages, spikes and line noise
- Highly efficient economy mode setting, saving BTU heat output and energy costs
- Hot-swappable battery modules, expandable runtime with optional external batteries

Results



Installation of the UPS Systems went smoothly thanks to Tripp Lite providing the necessary information for proper planning. The school district's IT infrastructure is now protected and Dehombreux believes that without the UPS Systems, critical IT equipment would be lost on a weekly basis.

A major reason the Whiteriver Unified School District chose Tripp Lite was the company's focus on delivering excellent customer support. "The proper time to judge a vendor is when issues arise," said Dehombreux, "Tripp Lite Customer Service responded quickly and gracefully when there was a problem with some UPS Systems."

And his overall impression of Tripp Lite products and services? "With an average of one to two power fluctuations per week, we've saved hundreds of thousands of dollars in time, equipment and labor since installing Tripp Lite UPS Systems. Tripp Lite has been a great company to partner with."