



Nantahala Outdoor Center Adds Remotely Monitored Power Management and Protection from Tripp Lite



SUMMARY

Customer

Nantahala Outdoor Center is a Bryson City, NC outdoor outfitter with a new retail location in Gatlinburg, TN.

Goal

Install a complete IT structure in the Gatlinburg store, enabling security, power management, power conditioning and remote monitoring. Prevent all power-related interruptions to store operations in this rural location.

Solution

42U SmartRack™ Enclosure

- SR42UB

Switched/Metered Power Distribution Unit with ATS

- PDUMH20ATNET

SmartOnline™ Rack/Tower UPS System

- SU3000RTXL2U

SNMP/Web Management Accessory Card

- SNMPWEBCARD

Magnetic Door Switch Kit

- SRSWITCH

External Battery Pack for UPS System

- BP72V28RT-3U

Results

Successful installation; no power-related interruption of services or operations.



"As an IT professional, my continual challenge is power conditioning and protection. Our rural location in Tennessee is now proven ground: if Tripp Lite products work here, they will work anywhere."

—Kevin Sisson, CIO
Nantahala Outdoor Center

Customer

Nantahala Outdoor Center is a Bryson City, NC outdoor outfitter, providing whitewater rafting on seven rivers, whitewater and flatwater paddling instruction, adventure travel, multiple restaurants and lodging options, a fully stocked supply store and bike shop, guided activities and leadership institutes in a wide range of subjects. A seasonal business with peak customer volume in the summer, they chose to expand their retail presence by opening NOC Great Outpost in Gatlinburg, TN, at the entrance to Great Smoky Mountains National Park. The new store is housed in a LEED-certified building 1.5 hours away from the company's headquarters.



Nantahala Outdoor Center

Goal

As NOC Great Outpost is essentially a branch office, CIO Kevin Sisson knew that he needed to implement a complete IT structure (security, power conditioning and power supplies) which gave him the ability to monitor power remotely. He began a search for a top-quality, name-brand UPS system, PDU and rack storage unit, noting the factors that made the selection process particularly challenging, "Gatlinburg is a rural area which frequently experiences brownouts and power outages," he said. "Company expectations were that NOC Great Outpost would experience high customer volume, and I was determined not to let anything interrupt the new store's operations or revenue."

After considering products from other companies, Sisson found that Tripp Lite—a brand with which he was already familiar—offered a better value point and met each of his criteria for quality and reliability.

Solution:



SR42UB 42U SmartRack™ Premium Enclosure

- Premium, cost-effective rackmount solution for high-density servers and all network equipment
- 3000-lb. stationary/2250-lb. rolling load capacity
- Locking, reversible, removable front door; locking, removable split rear doors; locking, removable side panels



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PDUMH20ATNET Switched/Metered Power Distribution Unit with ATS

- Digital current meter displays total power consumption, permitting maximum PDU utilization
- Switched PDU enables individual PDU outlets to be remotely monitored, turned on and off, recycled or locked out
- Automatic Transfer Switching (ATS) provides power from a secondary input source when primary input fails



SU3000RTXL2U SmartOnline™ Rack/Tower UPS System

- Converts incoming AC power to DC, and then reconverts it back into full-time pure sine wave AC output
- Provides reliable battery backup power to ensure continued operation of vital systems, enable data saves and facilitates orderly system shutdown
- Offers expandable runtime capability with optional external battery packs
- Provides complete power network management and control with communication ports and included PowerAlert software



SNMPWEBCARD Web Management Accessory Card

- Enables the UPS to be remotely controlled as a managed device on the network
- Provides remote viewing of site electrical data, UPS self-test and alert logs, electrical problems and more
- Permits remote reboots of locked devices without interrupting power to other loads



SRSWITCH Magnetic Door Switch Kit

- Monitors the front and rear doors of a single cabinet
- Sends notification through Tripp Lite PowerAlert software



Results

Installation went ahead with the support of TGA Solutions, Inc., an integrator represented by Account Executive Rex Blanton. "The Tripp Lite Rack with IP PDU and cabinet door alarm is perfect for the data closet for the NOC Great Outpost Retail Store in Gatlinburg," he remarked, "since their IT staff is about two hours away." Staff at NOC Great Outpost installed the equipment themselves in a process which Kevin Sisson described as "extremely easy". The single 42U rack contains all of the new equipment, which has successfully prevented power-related interruptions in service. The space economy of the SR42UB has proven helpful, as it fits perfectly in the store's small IT closet. Sisson let us know how pleased he is with our product quality and effectiveness, "As an IT professional, my continual challenge is power conditioning and protection," he said. "Our rural location in Tennessee is now proven ground: if Tripp Lite products work here, they will work anywhere." He reflected positively on NOC's first-ever deployment of Tripp Lite power protection, "I am impressed with the performance of the Tripp Lite products. When it comes time for us to upgrade our system components, I will be very interested in working with Tripp Lite equipment in both of our locations."



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