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Total solutions for Network Plus

A rock-solid infrastructure is crucial to the success of telecommunications companies. To accomplish this telecom companies are turning to Network Plus, a seasoned leader in developing total solutions for the telecommunications industry.

Network Plus is an integrated communications provider that operates voice switches and Internet data centers up and down the East Coast of the United States.

With a foundation based on power-related products and services supplied by Powerware, Network Plus has built a rock-solid infrastructure to serve its customers and help them achieve their goals.

"We had a tight timeframe for getting our centers up and running with properly protected DC and AC power. Working with Joe Cacchio, of J.J. Cacchio Enterprises, our local Powerware integrator, we determined that Powerware could meet both our delivery requirements and the needs of the demanding application," said Dave Ostrander, Director of Implementation for Network Plus.

Cacchio created a fully integrated solution by matching selected Powerware products with the requirements of the project.

For example, the Massachusetts Braintree data center needed a substantial 48 volt DC power source for telecom and associated equipment. For this critical application, two 11,500 amp capacity Intergy ILS41200 Series power systems were selected.



One of the Intergy ILS41200 11,500 amp capacity DC power systems installed at the Network Plus Braintree facility.



"We are able to provide a comprehensive, single source solution to Network Plus and its customers."

*Joe Cacchio
President of J.J. Cacchio Enterprises, Inc.*

Each system at the Braintree facility consists of twelve cabinets; eight contain the Intergy R5848 rectifiers and four are distribution cabinets. Through the system's innovative high power density design each cabinet has only a 24" x 24" (60cm x 60cm) footprint – 30 percent smaller than comparable systems.

The cabinets also house the internal copper buswork. This unique feature eliminates the significant effort and cost associated with designing, manufacturing and installing external buses.

PowerSafe VM batteries are used for power backup, and remote monitoring and management of the data center equipment is provided by DataTrax FORESEER software. Finally, for AC power protection in the Braintree data center, two 500kVA Powerware 9315 Uninterruptible Power Systems (UPS) were installed.

Complementing the Powerware hardware and software products is a full range of services from the company's Network Integration Services group.

"Since the initial installation, our relationship with Powerware has strengthened. We've been pleased with the quality of products and level of service we've received," said Dave Ostrander.