



Case Study

Multiple Output Repeaters

Client

This West Coast based developer and manufacturer of wireless communications and corporate internetworking products was contracted to build out the wireless network for a Tier 1 provider by delivering base stations that support multiple spectrums for civilian, business, and government communication networks.

With a reputation as an international leader in the design, development and supply of high performance base stations, their engineering resulted in infrastructure equipment that provides better outdoor range and improved performance within buildings. In addition, they have provided sophisticated base station technology for the Japanese market.

Challenge

The client needed a custom power supply for their multiple output repeaters and base stations for voice and data wireless applications.

The repeaters were designed to be wireless device aggregation points as a key component in their network. They needed a power supply that would provide superior power density and reliability for their customer, a global Tier 1 provider.

With ISO standards driving their organization, quality and reliability were paramount. We had to make sure that their monitored hot standby equipment for failover was compliant with their service level guarantees.

Solution

Wall Industries reviewed the client's specifications and quality standards and tailored a DC/DC power supply that would work within the transfer stations to support repeaters and base stations for their wireless voice and data network.

Wall provided a highly reliable custom power supply that could survive a rugged environment with no forced air and intense temperature fluctuations.

Our client's network was so reliable that it was acquired and integrated into one of the largest global telecommunication provider's fabric.