

Optical Transport

INDUSTRY

Telecom & Networking

SOLUTION

CSU800AP

EQUIPMENT

100GbE Switch

Cloud Convergence Switch

A leading provider of enterprise data center ICT equipment has selected the Artesyn CSU800AP server power supply for its next generation switches, which provide up to 100 Gigabit Ethernet switching for data centers and cloud computing services. The switches combine line-rate switching with rich functionality including advanced caching, virtualization, low latency and flow visualization to meet the needs of modern data centers.

The customer, which provides end-to-end networking solutions for telecom carriers, financial services companies, government agencies, education institutions and other enterprises, was looking for a compact and reliable power supply with high efficiency. The CSU800AP power supply is significantly narrower and shorter than similarly rated earlier generation power supplies, which releases valuable system space, while still conforming to the standard market's Common Redundant Power Supplies (CRPS) specification. It is certified for Platinum Level efficiency,

peaking at 94%. Digital control allows the customer to monitor and manage the power supply as part of its advanced system management architecture. This customer requested conformal coating of the standard unit to increase its robustness, a modification that Artesyn was happy to provide.

Deep Packet Inspection (DPI)

Deep packet inspection (DPI) is an advanced method of examining and managing network traffic. It is a form of packet filtering that locates, identifies, classifies, reroutes or blocks packets with specific data or code payloads. DPI servers examine the contents of packets passing through a given checkpoint and make real-time decisions based on rules assigned by an enterprise, internet service provider (ISP) or network manager, depending on what a packet contains. DPI servers are deployed to provide network security and quality-of-service. An innovative provider of DPI servers has selected Artesyn's CSU550 AC-DC CRPS power supply as it develops a complete turnkey solution for network security.

Artesyn's long history of developing high quality server power supplies, with a long list of tier one customers, gave this DPI server manufacturer confidence in their selection.

Network Switching

A developer of telecom and networking equipment has selected Artesyn's DS650 series AC-DC power supply for its new core network switch, which combines routing, switching

and security control among other functions. Designed from the ground up to be ultra-secure, the new switch includes proprietary packet processing silicon, network protocol hardware and software, and add-in cards. Proving to be the perfect solution for the customer, the Artesyn server power supply provides 1+1 redundancy, supporting the switch's highly-reliable design philosophy.



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