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Breaking Power Barriers, AdvancedTCA with integrated AC PSU

Schroff has developed a new line of AdvancedTCA systems for the enterprise and datacomm market where AC power input is required. These new systems come with increased cooling, higher bandwidth throughput, management options, and accessories all tailored to meet your cost sensitive applications. With Schroff's broad product range and global service, our sales engineers can help to accelerate your time-to-market and balance the performance-to-cost ratio that allows you to deliver an overall solution with a distinct competitive advantage.



All of Schroff AdvancedTCA systems provide consistent performance in their respective platforms and allow for a common shelf management carrier board. Many products have been developed to meet the telecom, enterprise, datacomm, and in some cases military markets. Cost effective backplane routing designs and innovative cooling and power management solutions are helping system integrators in all of these markets achieve their cost and performance objectives for next generation equipment.

Customers are choosing Schroff AdvancedTCA platforms to simplify their product line, cut costs, and provide a more efficient power, cooling, management, and interconnect system. Additionally, AdvancedTCA comes with a large standards ecosystem and the technology is rapidly becoming the product of choice for equipment providers. This dynamic and scalable infrastructure is a significant contrast to stand-alone servers used today. These servers need multiple power supplies, fans, individual system management, numerous cables for external interconnect and a lot of space to meet similar performance. The Schroff AdvancedTCA architecture eliminates these non-shared components and has everything required for the

solution which is housed and managed in a single enclosure. Schroff enclosures include layers of redundancy and highly available field replaceable units that allow equipment providers to create a dynamic and scalable system that supports a pay-as-you-grow module.

FEATURES:

- 2, 5, 14 slot configurations
- AC input (other configurations available for DC input)
- Optimized backplane design for lower layer count and high performance for your 10 Gb/s data throughput needs
- Engineered thermal solutions using FloTherm simulations and empirical testing for beyond 200W per slot and fault tolerant requirements
- Cable Management and Bezel Accessory Options
- Agency Certifications standard (UL, cUL, CE)
- User Manual, Test Reports and Global Service
- Support for various shelf management options
- Easy access for Field Replaceable Units (FRUs), designed for high availability and MTBF

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READER SERVICE INQUIRIES: Please forward all reader service inquiries to Susan Gangsei, Pentair Electronic Packaging. Email: susan.gangsei@pentair-ep.com

EDITOR'S NOTE: Schroff®, a brand of Pentair Electronic Packaging, provides standard, off-the-shelf and customer specific integrated enclosure solutions and front panels for open architecture bus-based applications, VME, VME64x, VITA31.1 (VXS), VITA 41, CompactPCI, VXI, MicroTCA, AdvancedMC, and AdvancedTCA applications. Complementing the chassis products are a wide range of seismic, EMC, indoor and outdoor plant cabinets, desk and rack mount instrument cases, integrated systems and enclosure hardware. More information is available at www.schroff.us and www.a-tca.com.

Pentair Electronic Packaging (www.pentair-ep.com), a business unit of Pentair Technical Products, is a world-leading provider of standard and custom electronic

enclosure solutions to top manufacturers in many diverse markets, including medical, security/military, datacom and telecom, as well as various other electronic OEMs. The company's extensive product range offers the highest level of quality and aesthetics available in the market today, from complex, progressive-tooled sheet metal components to leading edge, fully integrated AdvancedTCA systems. With ISO 9001-2000 certified manufacturing facilities, Pentair Electronic Packaging uses seamless communications platforms throughout its operations to design, manufacture, assemble, and test products, and manage logistics throughout the supply chain.

Pentair (www.pentair.com) is a diversified operating company headquartered in Minnesota. In addition to the Technical Products Group, the company operates the Water Group, a global leader in providing innovative products and systems used worldwide in the movement, treatment, storage, and enjoyment of water. Pentair had 2007 revenues from continuing operations \$3.39 billion on a pro forma basis. The company has approximately 14,800 employees worldwide.