

CorEdge Networks Demonstrates Major Advances in AMC, ATCE and MicroTCA Products and Systems at SUPERCMM 2005

SAN RAMON, Calif. – SUPERCMM 2005 – June 6 (SEND2PRESS NEWSWIRE) – CorEdge Networks, Inc., will continue its dramatic product and technology innovation by demonstrating numerous industry-first working AdvancedTCA (ATCA) and MicroTCA products at SUPERCMM 2005, held June 7-9, 2005, in Chicago's McCormick Place. CorEdge products will be showcased in the PCI Industrial Computer Manufacturers Group (PICMG) pavilion (booth #43085). Additionally, a number of firms participating in the show will demonstrate CorEdge products in conjunction with their own ATCA and MicroTCA products. CorEdge also participated in PICMG's ATCA Interoperability Workshop (AIW) #11 the week prior to the show.



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“CorEdge Networks is pleased to support PICMG and the MicroTCA committee by helping to move MicroTCA from concept to working prototype,” said William Chu, CorEdge Networks President. “Our product demonstrations at SUPERCMM 2005, developed in close collaboration with the MicroTCA committee and numerous third party sub-system component vendors, showcase the breadth of options and capabilities available to service providers in meeting their next generation network needs and applications.”

CorEdge will demonstrate the following products at SUPERCMM 2005: the world's first MicroTCA virtual carrier manager (VCM), 1Gbps and 10Gbps

(gigabit-per-second) reprogrammable AdvancedMC (AMC) modules, and an ATCA reprogrammable cutaway carrier card. The CorEdge VCM and AMC modules will be integrated into various MicroTCA prototype systems, including the "cube," 75mm and 150mm versions. The CorEdge AMCs and ATCA carrier card will be demonstrated in a 2U ATCA-based Gigabit Ethernet (GigE) switch.

CorEdge Networks MicroTCA Virtual Carrier Manager (VCM) – A critical component of the MicroTCA concept is the CorEdge MicroTCA VCM-another industry first, built specifically for SUPERC0MM 2005 at the request of the MicroTCA committee. The CorEdge VCM is a single-width, extended full-height AMC, based on existing CorEdge AMC technology and uses new B+ connector technology. It acts as a Layer-2 unmanaged 8-port Ethernet switch, with seven GigE channels supporting seven AMCs on the MicroTCA backplane and one GigE I/O uplink channel on the VCM faceplate. The on-board switch is a non-blocking, low-latency base channel switch. In cooperation with numerous third-party vendors of MicroTCA subsystem components, including chassis, connectors, backplanes, and power systems, the CorEdge VCM will be demonstrated in the 75mm, 150mm, and cube MicroTCA chassis. Future releases will support fat-pipe switching, IPMI (Intelligent Platform Management Interface) and other management features, and will conform to MicroTCA standards.

CorEdge Networks 1Gbps and 10Gbps Reprogrammable AdvancedMC (AMC)-CorEdge will demonstrate another industry first, its 10Gbps AMC. Both the 1Gbps and 10Gbps versions of the CorEdge AMC are based on its proprietary Communications Engine that serves as a high performance platform with programmable flexibility to support a variety of interfaces on the line side, mezzanine/chip-to-chip, and backplane side. The CorEdge Communications Engine enables a single solution to be configured to support multiple interfaces and to switch multiple protocols, depending on customer requirements. CorEdge will be demonstrating its low-latency, wire-speed 1GigE and 10GigE AMCs in its MicroTCA and ATCA systems.

CorEdge Networks ATCA Reprogrammable Cutaway Carrier Card-CorEdge will be demonstrating an improved version of its industry-first ATCA reprogrammable cutaway carrier card with additional IPMI support of the Shelf Manager and AMC modules. At AIW11 last week, CorEdge tested form, fit, initial power-up, and management functionality with third-party AMCs. At the show, CorEdge will demonstrate interoperability between its carrier card with third party and CorEdge AMCs. The CorEdge carrier card maximizes flexibility for ATCA applications by supporting multiple protocols, AMCs from multiple vendors, and multiple AMC form factors, including full or extended-height and single or double-width.

CorEdge Networks MicroTCA System-CorEdge will demonstrate the world's first single-port 10GigE and multi-port 1GigE MicroTCA prototype system. This prototype MicroTCA system will highlight the flexibility of MicroTCA and CorEdge products by integrating the CorEdge MicroTCA VCM, 1Gbps and 10Gbps AMCs into a prototype Ethernet switch.

CorEdge Networks 2U ATCA System-CorEdge will demonstrate a 2U, 2-slot, ATCA-

based low-latency 16-port GigE switch. This system has two slots, with each slot populated with a CorEdge carrier card. One carrier card is configured to support third-party AMC processors and illustrate multi-vendor support by the CorEdge carrier card. One carrier card is configured to support four CorEdge AMCs, with each AMC configured to support four 1GigE ports. This Ethernet switch delivers less than 5 microsecond latency and offers AMC/ATCA capabilities in a compact, high-performance switch that is ideal for telecom and enterprise applications.

About CorEdge Networks

CorEdge Networks is a leading supplier of IP/chips, sub-system and system-level products. Through its dynamically programmable Multi-Protocol Communications Engine, Multi-Protocol Switch Fabric, and advanced digital and mixed-signal technologies, the company develops and markets networking products that enable high performance, scalable, flexible, reliable and cost-effective solutions for ATCA, MicroTCA, HPC and Data Center applications.

More information: www.coredgenetworks.com.

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