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New Emerson Network Power Media Processing Accelerator Offers Performance Breakthrough in Server Applications

PCI Express card adds highly scalable voice and video processing while using less space, less power and at lower cost than traditional solutions

TEMPE, Ariz., US. [14 February, 2013] –Emerson Network Power, a business of Emerson (NYSE:EMR) and the global leader in enabling *Business-Critical Continuity™*, today announced a performance breakthrough for adding voice and video to network server applications. Where a typical commercial Host Media Processing solution is limited to 2000 ports per server, a single Emerson Network Power PCIE-8120 PCI Express media processing acceleration card is capable of transcoding over 7000 bidirectional voice channels from G.711 to G.729A, and multiple cards can be added to a single server for even higher performance.

Featuring up to 12 low power Octasic digital signal processors (DSPs) with embedded voice or video firmware, the Emerson Network Power PCIEe-8120 can also transcode over 300 mobile video streams at CIF resolution, and offers support for high definition video resolutions up to 1080p. It enables users to add high density, highly scalable voice and video processing to network applications, while using less space, less power and at lower cost than the alternative of adding more servers or suffering significantly reduced application performance.

High density voice and video processing is increasingly in demand for applications such as session border controllers, media gateways/servers or media resource functions, video or content optimization, video communications servers, and interactive voice and video response systems. A new white paper, published by Emerson Network Power, outlines the trends driving the need for network media processing with specific application examples. The PCIE-8120 is designed for NEBS carrier grade and data

center environments, depending on the server enclosure, and so offers a common solution for both enterprise and telecom environments. In addition, since Emerson Network Power's ATCA-8320 is based on the same technology, this allows OEMs to achieve even higher scalability up to multi-bladed AdvancedTCA systems while protecting software investment.

"The opportunity enabled by Emerson Network Power's innovative solution is a break from a conventional rack-and-stack model, where price-per-port is typically quite stable, because adding these high performance media processing cards to rack mount servers can significantly bring down the price-per-port," said Rob Pettigrew, marketing director for Emerson Network Power's Embedded Computing business. "When you factor in the improved scalability and future-proofing it offers a more straightforward deployment experience."

Emerson Network Power is testing the PCIE-8120 in a variety of rack mount servers and publishing application notes to simplify the installation and use in these systems.

In addition to offering the PCIE-8120 as scalable individual boards, Emerson Network Power's global network of channel partners will offer integrated platforms to help accelerate customers' time-to-market and provide a complete application-ready solution.

About Emerson Network Power
Emerson Network Power, a business of Emerson (NYSE:EMR), is the global leader in enabling *Business-Critical Continuity*™ from grid to chip for telecommunication networks, data centers, health care and industrial facilities. Emerson Network Power provides innovative solutions and expertise in areas including AC and DC power and precision cooling systems, embedded computing and power, integrated racks and enclosures, power switching and controls, infrastructure management, and connectivity. All solutions are supported globally by local Emerson Network Power service technicians. For more information on Emerson Network Power's embedded computing solutions, including ATCA®, COM Express®, CompactPCI®, embedded computers and motherboards, OpenVPX™, VMEbus™ and RapiDex™ board customization service for original equipment manufacturers and systems integrators in the telecommunications, industrial automation, aerospace/defense and medical markets, visit www.EmersonNetworkPower.com/EmbeddedComputing. Learn more about Emerson Network Power products and services at www.EmersonNetworkPower.com.

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industrial, commercial, and consumer markets around the world. The company is comprised of five business segments: Process Management, Industrial Automation, Network Power, Climate Technologies, and Commercial & Residential Solutions. Sales in fiscal 2012 were $24.4 billion. For more information, visit www.Emerson.com.