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news release

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Media Contact:
Shreekant Raivadera
+44 77 86 26 32 21
shreek@sandstarcomms.com

First Telecom OEM Proof-of-Concept from Dell OEM Solutions and Emerson Network Power a Leap Forward for Wireless Voice and Video in Server Applications

More than double the capacity of typical alternatives

BARCELONA, Spain. [27 February, 2013]–At Mobile World Congress today, Emerson Network Power unveiled a new proof-of-concept for network equipment manufacturers looking to add voice or video processing to their rack mount server applications. It is the initial result of a new initiative to bring innovation and performance to telecom and network infrastructure customers driven by Dell OEM Solutions and Emerson Network Power, a business of Emerson (NYSE:EMR) and a global leader in delivering scalable embedded computing technology and power supplies for original equipment manufacturers in a wide range of industries. Based on the Dell PowerEdge R720 server integrated with an Emerson PCIE-8120 media processing acceleration card, the proof-of-concept can support over 5,000 wireless voice channels, where a typical commercial Host Media Processing (HMP) solution is limited to 2,000 channels per server.

The proof-of-concept can also transcode over 380 mobile video streams at CIF resolution, and offers support for high definition video resolutions up to 1080p. 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.

Emerson Network Power is collaborating with Dell OEM Solutions and Avnet Embedded, a division of Avnet Electronics Marketing Americas, a business region of Avnet, Inc. (NYSE: AVT), to provide the Emerson Network Power PCIE-8120 as a scalable individual board, or integrated with the Dell PowerEdge R720 server to help accelerate customers' time-to-market and provide a complete application-ready solution. An application note on the Emerson Network Power PCIE-8120 and Dell PowerEdge R720 is available to simplify its installation and use.

Rob Pettigrew, marketing director for Emerson Network Power's Embedded Computing business, said: "This exciting collaboration with Dell will speed the deployment of high density, highly scalable voice and video processing in network applications. Users will no longer have to suffer compromised application performance and our PCIE-8120 uses less space, less power and at lower cost than the alternative of adding more servers."

Franklin Flint, global telecommunications strategy lead, Dell OEM Solutions, said: "Dell enables our telecom OEM customers to be lean, efficient and profitable through innovative products such as the Dell PowerEdge R720. The proof-of-concept with Emerson Network Power's PCIE-8120 is validation of the expanding solutions available for our telecom customers seeking to preserve their server investment while increasing density for today's demanding applications."

Jeff Ittel, senior vice president, embedded marketing, Avnet Embedded, said: "The Emerson Network Power PCIE-8120 continues the strong momentum we have gained in the telecom market. Teaming up with Avnet's top-tier global suppliers, Emerson Network Power and Dell allows us to offer OEMs a scalable and rapidly deployable solution for their voice and video platforms."

The Emerson Network Power PCIE-8120 features up to 12 low power Octasic digital signal processors (DSPs) with embedded voice or video firmware. It 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.

Emerson has also become a verified partner in Dell's recently announced Technology Partner Program, which helps Independent Software Vendors (ISVs), Independent

Hardware Vendors (IHVs) and Solution Providers build innovative and highly competitive solutions using Dell platforms. By leveraging this program, OEM customers have peace of mind that the Emerson's PCIE-8120 meets Dell's established requirements for integration and interoperability with the PowerEdge R720.

About Emerson Network Power
Emerson Network Power is a business of Emerson (NYSE:EMR) and, through its Embedded Computing & Power business, is the trusted partner for scalable embedded computing technology and power supplies for the aerospace, defense, computing, healthcare, industrial and telecom markets. Emerson Network Power's embedded computing solutions, AC-DC and DC-DC power supplies and wide range of technical services minimize design time, provide scalable and cost-effective support for released products, and critical products during legacy years. Learn more about Emerson Network Power Embedded Computing & Power products and services at www.EmersonNetworkPower.com

About Emerson
Emerson (NYSE: EMR), based in St. Louis, Missouri (USA), is a global leader in bringing technology and engineering together to provide innovative solutions for customers in 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.