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news release

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Reduced Cost and More Flexible Network Capacity Usage in View for Operators as Emerson Network Power Demonstrates Workload Consolidation at Mobile World Congress

New telecom server blade simplifies and accelerates network security with wire-speed content inspection

BARCELONA, Spain [27 February, 2012] – Emerson Network Power, a business of Emerson (NYSE:EMR) and the global leader in enabling *Business-Critical Continuity*™, is demonstrating an AdvancedTCA® (ATCA®)-based telecom server blade at Mobile World Congress 2012 which promises to enable network operators to gain the cost and efficiency benefits of 'workload consolidation' with simpler and faster network security.

Through workload consolidation, implemented on the latest Intel® architecture processors, operators will be able to make efficient use of network infrastructure and reduce commissioning and operating expenses, at the same time as expanding network capacity to handle consumer demand for multimedia and other rich content types.

Now Emerson Network Power has teamed with leading software suppliers Wind River and Sensory Networks to demonstrate an implementation of workload consolidation and network security at Mobile World Congress (Barcelona, 27 February – 1 March 2012) on its new 40G ATCA processor blade using the next generation communications platform from Intel®, codename 'Crystal Forest'.

Intel® architecture devices are today commonly used for management and control processing tasks such as billing and logging, subscriber admittance and signaling. But separate packet processing operations applied to network traffic are essential for the delivery of appropriate service levels to different packet types, and to comply with the

license terms applied by regulators. Traditionally, these operations are performed by separate packet processing blades which do not use Intel architecture processors. Therefore, network operators today commission, install and support two separate types of processor blade.

With the introduction, however, of the next generation communications platform from Intel impressive new capabilities in packet processing – including a security processing acceleration engine and a high-performance software platform, the Intel® Data Plane Development Kit – will be available on Intel architecture devices.

Emerson Network Power's ultra-high performance 40G ATCA blade can therefore perform both control and packet processing operations at very high speed, supporting data rates on to and off the blade of up to 80Gbps, and enabling network operators to implement workload consolidation while dramatically expanding their network capacity.

The Emerson Network Power demonstration at Mobile World Congress – which can be seen by appointment at the Wind River meeting suite (4.4HS02) – will show the ATCA blade operating in both control and packet processing mode. Wind River has worked with Sensory Networks, a leading provider of pattern matching and deep packet inspection (DPI) software acceleration technology, to demonstrate DPI security solutions that highlight how a DPI enabled operating system can deliver wire-speed content inspection.

Rob Pettigrew, director of marketing for Emerson Network Power's Embedded Computing business said: "Network operators which are looking for ways to increase capacity while reducing the cost of acquiring, supporting and maintaining network infrastructure should study the Emerson Network Power, Wind River and Sensory Networks demonstration at Mobile World Congress. They will see how they can move from an architecture of two completely separate processor blade types, to an architecture with a single processor blade performing all the processing functions in a telecom server. They will also see accelerated content inspection functionally concerned with applications such as intrusion prevention, firewall, content filtering, application identification, network monitoring and traffic management."

More information about ATCA blades and platforms from Emerson Network Power can be found at www.Emerson.com/ATCA.

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 the 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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