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Emerson Network Power Launches First OpenVPX System

Fanless enclosure with customizable I/O adapter board targets military, aerospace and commercial applications

TEMPE, Ariz., US. [31 January, 2013] –Emerson Network Power, a business of Emerson (NYSE:EMR) and the global leader in enabling *Business-Critical Continuity*™, today announced its [first system-level OpenVPX fanless enclosure](#) - including power, storage and processor elements - designed to minimize size, weight and power (SWaP) for military, aerospace, commercial and other High Performance Embedded Computing (HPEC) applications.

The Emerson Network Power [VPX3000](#) includes a configurable I/O Adapter Board (IAB) that routes I/O from the payload blades to the front of the enclosure. The IAB is designed to mate with Emerson Network Power's [iVPX7225](#) processor blade, based on the Intel® 3rd generation Core mobile chipset and also launched today. The VPX3000 accepts up to three 3U conduction cooled OpenVPX modules and includes a VITA-62 compliant AC or DC power supply with a MIL-38999 power input connector and a front panel switch.

“As OpenVPX technology becomes more widely adopted, Emerson Network Power remains committed to providing innovative solutions for OEMs,” said Eric Gauthier, vice president product marketing for Emerson Network Power’s Embedded Computing business. “This is a complex market that demands customization and integrated platforms, and the VPX3000 system enclosure is one of the building blocks in a growing portfolio that enables Emerson Network Power to deliver complete solutions.”

Two Data Plane Fat Pipes from each slot are connected in a full mesh configuration.

Two Control Plane Ultra Thin Pipes from each slot are routed to the IAB as 1000Base-T

interfaces. USB 2.0 and Display Port interfaces are also routed to the IAB in all variants. A rugged variant of the VPX300, targeted at military, aerospace and government applications includes three MIL-38999 connectors for I/O from each slot. An alternative variant includes commercial connectors on the IAB and is targeted towards industrial and development applications.

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.

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.

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