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Expanded Technology Partnership to Increase Integration of 6WIND's Multicore Embedded Networking Software with Emerson Network Power's AdvancedTCA® Platforms

Technology Partnership Expansion Includes Integrating 6WINDGate™ Embedded Networking Software on OCTEON™-Based Emerson Network Power Platforms; Enhanced Joint Marketing and Sales Efforts

Mountain View, California – Jan. 11, 2010 – 6WIND, the leading provider of high-performance packet processing embedded software for networking and telecommunications equipment, and Emerson Network Power, a business of Emerson and the global leader in enabling Business-Critical Continuity™, today announced an expansion of their technology partnership for joint multicore-based solutions. As part of the expansion, 6WIND will further integrate its 6WINDGate™ embedded networking software for multicore with Emerson Network Power AdvancedTCA® (ATCA®) blades based on Cavium Networks OCTEON™ processors. The first expanded integration of 6WINDGate features Emerson Network Power's [ATCA-9305](#), an ATCA blade based on dual OCTEON CN5860 processors and the Freescale™ Semiconductor MPC8548 management processor.

The solutions will be supported with newly enhanced sales and marketing efforts by Emerson Network Power and 6WIND, with the objective of providing customers with greater integrated solutions that can help accelerate multicore-based designs.

The ATCA-9305 is targeted at security and packet-processing applications in the wireless and telecommunications transport markets. This market includes data plane packet processing, security co-processing, video compression and pattern matching. The ATCA-9305 complies with the SCOPE recommended profile for central office ATCA systems, CP-TA rules for interoperability with ATCA shelves and the PICMG® 3.0 ATCA specifications.

The ATCA-9305 is designed in the tradition of Emerson Network Power's ATCA product portfolio. Reliability, high availability and field maintainability are the key means for reducing operational expenses. Capital expense is lowered drastically at the system level by introducing a new class of performance density, based on state-of-the-art multicore packet processing technologies. It will use 6WINDGate embedded networking software to greatly expedite the multicore design of embedded networking functionality and integration of applications running on this multicore-based architecture.

"Our joint solutions are already in use with a variety of tier one customers helping them realize powerful networking solutions with simplified design and development processes," commented Dick DuBois, senior vice president, Embedded Computing & Power, Emerson Network Power. "Our increased collaboration will provide a broader spectrum of joint and tightly integrated solutions in terms of technology, sales and support."

[6WINDGate](#) is 6WIND's high-performance packet processing embedded software solution for networking and telecommunications equipment. With optimized support for multicore platforms from multiple embedded processor suppliers, 6WINDGate allows system developers to focus their design efforts on their own value-added software components, with 6WINDGate implementing the low-level packet processing and data plane functions. This allows customers to maximize the system-level performance of their platform while enjoying the ability to seamlessly scale from single-core systems to more complex multicore architectures. 6WINDGate provides several key advantages for telecommunications, security and networking equipment manufacturers, as well as for embedded processor suppliers:

- Maximizes the ability to benefit from performance gains offered by multicore processors
- Scales from one to any number of cores using simple-to-implement differing profiles
- Enables seamless integration of the multicore executive environment (MCEE) with any Linux architecture using an open and standards-based approach

(more)

- Off-the-shelf ready with a complete set of networking features expedites networking design times by as much as 70 percent
- Complete XML-based manageability eases integration of networking, applications and value-added features
- Maximizes customers' reuse of existing software
- Reduces development cycles and design time leading to cost reductions and creating a strong value proposition for telecommunications, security and networking equipment manufacturers, and chipset providers

The ATCA-9305 uses the 6WINDGate SDS profile for highest performance. 6WINDGate provides a complete ready-to-use networking solution including dual-IP networking protocols, comprehensive L2/L3 networking functions, unicast and multicast forwarding, virtual routing, tunneling, IPsec via built-in crypto processors, stateful firewall, QoS, NAT, and a VNB framework designed to easily integrate new interfaces such as WiMAX or L2 protocols. 6WINDGate can run as a pure open source or commercial Linux solution (ADS and EDS) or in conjunction with the MCEE (SDS) to provide the highest level of performance and a seamless integration into a customers' existing Control Plane. It enables an end-to-end simplified design process for all phases, from the ability to develop a system using a simulation environment to the development and integration of applications on multicore chips and the migration of applications to multicore.

"Our joint customers will be able to realize more powerful and design-friendly solutions for a variety of applications," said Eric Carmès, CEO of 6WIND." This includes telecommunications infrastructure equipment such as 4G, LTE, and wired applications; enterprise gateways; security appliances; network offload engines for IP-based applications and more. We're excited about the prospects of partnering with Emerson Network Power to jointly address a myriad of application and design needs around advanced multicore architectures."

Availability

Emerson Network Power and 6WIND joint solutions are available for evaluation immediately. The ATCA-9305 blade is also now available. Pricing varies by quantity and applications. For more information on products from Emerson Network Power, visit: <http://www.EmersonNetworkPower.com/EmbeddedComputing>. For more information on products from 6WIND, contact the company via: <http://www.6wind.com/contact.html>.

About Emerson Network Power

Emerson Network Power, a business of Emerson, 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, monitoring, and connectivity. All solutions are supported globally by local Emerson Network Power service technicians. For more information on Emerson Network Power's embedded computing products and services including ATCA®, COM Express™, CompactPCI®, embedded motherboards, MicroTCA®, VMEbus and OpenSAF® 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 6WIND

6WIND provides high-performance packet processing embedded software solutions used by networking and telecommunications companies providing equipment for converged, all-IP networks. The company's 6WINDGate™ solution maximizes the packet processing performance of single- and multicore platforms from several processor suppliers, allowing customers to focus on their own value-added software applications and minimize their time-to-market. To ensure the availability of a complete system-level ecosystem, 6WIND partners with industry-leading suppliers of multicore processors, board-level products, operating systems and embedded software products worldwide. 6WIND is a privately-owned company based near Paris, France with a subsidiary in California, a sales and support office in Asia, and an R&D center in Beijing, China. For more information, visit www.6wind.com.

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