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## **6WIND Announces Availability of Packet Processing Software Optimized for Cavium’s Market-Leading OCTEON® II CN68XX Processor Family**

*Building on widespread adoption of 6WINDGate™ software on OCTEON processors, the new software accelerates time-to-market for cloud networking and mobile infrastructure equipment with over 40Gbps performance*

**PARIS**, France, October 10, 2011 — 6WIND, the industry standard for commercial multicore packet processing software, today announced the availability of its 6WINDGate™ software with optimized support for the 32-core [OCTEON® II CN68XX](#) processor family from Cavium, Inc. [NASDAQ: CAVM], a leading provider of semiconductor products that enable intelligent processing for networking, communications, and the digital home. Already used by OEMs in a wide range of products based on earlier OCTEON and OCTEON Plus processors, 6WINDGate enables the development of best-in-class cloud networking and mobile infrastructure equipment.

Designers of next-generation networking equipment are required to achieve line rates up to 40Gbps while providing support for intelligent networking, advanced security protocols and energy reduction. To address these requirements, 6WINDGate leverages the OCTEON II’s extensive on-chip dedicated hardware acceleration blocks for intelligent networking and advanced security functions. For typical network traffic, 6WINDGate delivers a total throughput of 40Gbps on IP Forwarding or IPsec, using only a few of the cores available on a single 32-core, 1.5GHz CN68XX processor. Remaining cores can be used to run additional value-added networking features or applications. The architecture of 6WINDGate ensures that the per-core performance scales linearly with the number of cores running 6WINDGate until the platform achieves full wire speed.

Close cooperation between experts at 6WIND and Cavium, together with the robust architecture of the 6WINDGate software that incorporates stable, proven APIs, result in the early availability of 6WINDGate support for the OCTEON II architecture. Tools such as Cavium’s OCTEON simulator enabled 6WIND to accelerate the porting process and perform initial development work before the availability of hardware platforms.

“We have had a long-term, close partnership with Cavium and many of our existing customers already run 6WINDGate on platforms based on earlier Cavium processors,” said Eric Carmès, CEO of 6WIND. “Our new release leverages the high performance and deterministic, low latency of the OCTEON II CN68XX and

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enables customers to quickly extend their product lines for high-performance applications in cloud networking and mobile infrastructure equipment. At the same time, by maintaining full compatibility with standard Operating System APIs, 6WINDGate enables new customers to quickly develop or migrate their application software, thereby accelerating their time-to-market and reducing their schedule risk.”

Already deployed by tier-one networking and telecom OEMs in Carrier Grade applications worldwide, 6WINDGate is the gold standard for commercial packet processing software. With full support for hypervisors, 6WINDGate can be integrated seamlessly into virtualized appliances. Providing a comprehensive, pre-integrated suite of networking protocols fully optimized for multicore platforms, 6WINDGate eliminates the need for OEMs to invest their engineering resources into combining discrete protocols from multiple sources and/or designing custom optimizations. This allows 6WIND’s customers to eliminate up to twelve months of development time, reaping the rewards of being early to market with cost-optimized products that offer compelling performance.

“We are pleased that 6WIND is releasing their comprehensive set of networking protocols for the OCTEON II processor family,” said Rajiv Khemani, chief operating officer at Cavium. “The combination of OCTEON CN68XX’s 32 MIPS64 “Real-Cores” and integrated Deep Packet Inspection (DPI) hardware functionality with the broad feature set of the 6WINDGate software provides an unmatched solution for networking and mobile infrastructure OEMs. 6WIND was one of the first members of the [Cavium PACE](#) ecosystem; our many years of strategic partnership enable our new and existing joint customers to develop industry leading products using the OCTEON II CN68XX family.”

6WINDGate support for the Cavium OCTEON II 68XX processor family is available now. For more information please visit <http://www.6wind.com/>.

#### **About 6WIND**

6WIND provides packet processing software used by leading OEMs to meet both the wire-speed performance and time-to-market requirements of mobile infrastructure, network security, high-frequency trading and deep packet inspection applications. The company’s 6WINDGate™ technology is a portable software platform available on industry-leading multicore processor architectures and fully optimized to leverage the capabilities of on-chip accelerators such as security offload. Using 6WINDGate can eliminate up to twelve months from product development cycles, speeding an OEM’s time-to-market and meeting the exploding demand for high-performance video and data-intensive applications. 6WIND is a privately owned company based near Paris, France with offices in Mountain View, California, Seoul, South Korea and Beijing, China. For more information, visit [www.6wind.com](http://www.6wind.com).

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