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6WIND Releases Packet Processing Software Optimized for Tilera's TILE*Pro*64 Processor

The combination of 6WINDGate software and TILEPro64 processor maximizes performance-per-Watt for cloud networking and mobile infrastructure equipment

PARIS, France and SAN JOSE, California - September 26, 2011 - 6WIND, the industry standard for commercial multicore packet processing software today announced the availability of its 6WINDGate™ software with optimized support for the TILE*Pro*64 processor family from Tilera Corporation, the industry leader in highly scalable general purpose "manycore processors". Already deployed by a wide range of OEMs worldwide, 6WINDGate enables the development of high-performance, energy-efficient TILE*Pro*64-based equipment for cloud networking and mobile infrastructure applications.

As data and services migrate to the cloud and mobile applications require more bandwidth, designers of equipment for next-generation network infrastructure are required to achieve increased network performance despite demanding power consumption constraints. To meet these challenges, networking equipment must provide best-in-class energy efficiency (performance per Watt) using a hardware and software architecture that can scale to support growth in user traffic. At the same time, while introducing products based on new processor platforms, OEMs need to leverage their investments in proven, proprietary application software.

To address these requirements, the 6WINDGate packet processing software fully exploits the energy-efficient, "manycore" TILE*Pro*64 processor architecture to deliver IP Forwarding performance of 580,000 packets per second, per Tile on a processor running at 800MHz (64-byte packets). This per-Tile IP Forwarding performance scales linearly with the number of tiles running 6WINDGate until the platform achieves full wire speed. Remaining tiles can be used to run additional value-added networking features or applications.

By maintaining full compatibility with standard Operating System APIs, 6WINDGate enables Tilera customers to quickly develop new applications and/or migrate existing software from another platform, thereby accelerating their time-to-market while reducing their schedule risk.

"We're pleased to deliver support for the Tilera TILE*Pro*64 processor," said Eric Carmès, CEO of 6WIND. "We have worked closely with Tilera to ensure that 6WINDGate fully utilizes the unique features of their manycore architecture. OEMs developing solutions such as virtualized appliances for cloud infrastructure will leverage the performance, portability and scalability of 6WINDGate to maximize the performance-per-Watt of TILE*Pro*64-platforms while accelerating their time-to-market."

(more)

Already deployed by tier-one networking and telecom OEMs worldwide, 6WINDGate is the gold standard for commercial packet processing software. 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.

"Tilera's processors offer the best performance per watt of any processor on the market today. 6WIND's software enables our OEM customers to extract amazing packet processing performance from our processors while retaining full compatibility with standard APIs." said Omid Tahernia, CEO of Tilera. "We're pleased to see 6WIND launch their support for the TILE*Pro*64 processor. We look forward to an ongoing partnership in delivering the most power-efficient networking solutions."

6WINDGate support for the TILE*Pro*64 processor family is available now. For more information please visit http://www.6wind.com/.

About 6WIND
6WIND provides high-performance packet processing software solutions used by leading suppliers of networking equipment, telecommunications infrastructure and security. The company's 6WINDGate™ solution eliminates up to twelve months from clients' product development cycles, while maximizing the performance of their multi-core platforms. To ensure the availability of a complete system-level ecosystem, 6WIND partners with industry-leading suppliers of board-level products, operating systems and embedded software products worldwide. 6WIND is a privately owned company based near Paris, France with a US 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.

About Tilera Corporation
Tilera® Corporation is the industry leader in highly scalable general purpose manycore processors for networking, wireless, and multimedia infrastructure applications. Tilera's processors are based on its breakthrough iMesh™ architecture that scales to hundreds of RISC-based cores on a single chip. The distributed nature of Tilera's revolutionary architecture and the standards-based tools, including ANSI C/C++ compiler, GNU tools and Eclipse IDE, deliver an unprecedented combination of performance, power efficiency and programming flexibility. Tilera was founded in October 2004, and now provides two product families: TILE64™ processors and TILEPro™ processors, with its latest TILE-Gx family coming out in 2011. The company is headquartered in San Jose, Calif., with locations in Westborough, Mass., Glasgow, UK, Yokohama, Japan, and Shanghai and Beijing, China. For more information, visit www.tilera.com or follow us at twitter.com/tilera.

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