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## **6WIND Announces Industry-Leading TCP Termination Performance for Processor-Based Network Appliances**

*Enables cost-effective Application Delivery Controllers, SSL Offload Engines and WAN Optimization Controllers for data centers*

**PARIS**, June 25, 2012 — 6WIND, the gold standard for packet processing in software-defined networks, today announced that its software has achieved industry-leading TCP Termination performance for network appliances based on standard multicore processors. The 6WINDGate™ packet processing software delivers 100,000 TCP sessions per second, while terminating 2 million concurrent sessions and sustaining 17Gbps bandwidth with 1KB MSS packet size, measured on an Intel® Xeon Processor E5600 Series platform running at 3.33GHz. This provides a 6x performance improvement compared to a standard Operating System networking stack, enabling the development of cost-effective network appliances for public and private cloud data centers.

The growth of web traffic based on rich applications places major challenges on network appliances for public and private clouds. The standard TCP transport protocol used for these communications was not initially designed for high performance network architectures where millions of short-lived sessions occur and/or when a large number of bidirectional connections must be supported. Service providers deploy Application Delivery Controllers (ADCs), SSL Offload Engines and WAN Optimization Controllers to compensate for these performance limitations within standard TCP stacks.

Typically, these network appliances have been designed using high-cost network processors (NPUs) or custom ASICs in order to meet the required level of performance since multicore processor-based solutions, while low cost, could not achieve the necessary performance when running a standard OS networking stack. The high-performance TCP Termination protocol within the 6WINDGate packet processing software suite removes this barrier to the use of standard processors in these applications.

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“Thanks to its innovative, fast path architecture, 6WINDGate delivers breakthrough performance on low-cost hardware platforms for a wide range of networking functions and we are now delivering an optimized TCP Termination protocol that achieves industry-leading performance for processor-based network appliances,” said Eric Carmès, CEO of 6WIND. “Full support for standard virtualization environments means that 6WINDGate is ideal for use in both physical and virtual appliances. TCP Termination is a key element in 6WIND’s overall solution that solves the critical performance challenges in software defined networks.”

High-performance TCP Termination is available now within the 6WINDGate software. For more information please visit <http://www.6wind.com>.

#### **About 6WIND**

6WIND provides the only commercial software solution that solves network performance challenges for OEMs delivering advanced networking functions in mobile and cloud infrastructure equipment. The company’s 6WINDGate™ networking software is optimized for cost-effective hardware based on industry-standard multicore processors, enabling rich Software Defined Networking (SDN) services and Network-as-a-Service capabilities that monetize services such as bandwidth, QoS and security. 6WIND delivers sustainable competitive advantages to both service providers and network equipment manufacturers. A privately owned company, 6WIND is based near Paris, France with regional offices in China, Japan, South Korea and the United States. For more information, visit <http://www.6wind.com>.

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