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## **6WIND Launches New Software Solution for Application Development upon Multi-Core Processor Architectures that Simplifies, Reduces Costs and Speeds Time to Market**

*New Software Ideal for Equipment Manufactures and Chipset Providers for Telecommunications Equipment, Enterprise Gateways, Security Appliances and Customer Premise Equipment (CPE)*

**Paris, France and Mountain View, California – June 30, 2008** – 6WIND, the market's only provider of a networking software solution to simplify application development within multi-core processor based equipment, today announced a new solution targeted at mid-range applications (2 to 4 cores) to provide the highest L2 / L3 performance for a pure Linux system. Based on Fast Path architecture, the 6WINDGate™ EDS software enables Fast Path implementation as a Linux kernel module between the Linux networking stack and the interface drivers. So, it does not require any Multi-Core Executive Environment (MCEE). 6WINDGate EDS is ideal for equipment manufacturers and chipset vendors using multi-core based architectures to design applications upon.

Industry experts have touted that the market for applications requiring multi-cores is expected to see rapid growth now and over the next several years. 6WIND's 6WINDGate software architecture is the only third party solution to enable simplicity and speed in designing applications upon multi-core based equipment, thus also reducing design costs. 6WINDGate EDS delivers the best possible performance in pure Linux environments: more than 1 Mpps forwarding per core for Intel® Bensley platforms using two Clowertown -4 core chips. It is a pure Linux solution that can be used as an add-on to a Linux kernel (open source, commercial, in-house).

"We've seen a number of customer successes with our middleware-style solution that demystifies the complexities of designing applications upon multi-core based equipment," commented Eric Carmès, CEO of 6WIND. "The addition of 6WINDGate EDS to our portfolio nicely completes our ability to provide solutions for any multi-core based equipment, whether a telecommunications gateway or home gateway."

6WIND's software empowers equipment manufacturers – and the chipset providers / embedded community for such devices – with a solution to remove complexities of multi-core designing. It rids them of the intricacy and cost hindrances of working within the MCEE. Distributed over Linux, 6WIND software incorporates the market's first comprehensive dual-IP Control Plane protocols, Slow Path and Fast Path Data Plane modules with built-in IPv4-IPv6 routing, security, QoS, filtering, multicast, mobility, IPv4-IPv6 transition, XML-based management, with continuous synchronization between all planes. The Fast Path and Control Plane can be made modular – used separately or in any way according to customer requirements.

This Fast Path is implemented as a Linux kernel module between the Linux Networking Stack and the interface drivers. So, it does not require any specific MCEE. With 6WINDGate EDS, forwarding is performed at the driver level. Only packets that cannot be processed by Fast Path are forwarded to the Linux Networking Stack (Slow Path). The EDS architecture relies on Cache Manager and Fast Path Manager modules to integrate and synchronize Fast Path processing and Slow Path / Control Plane in a transparent manner.

Highlights of the 6WINDGate EDS software profile includes:

- Slow Path and Control Plane enabled within Linux SMP
- Fast Path processed within the Linux kernel module
- Protocol implementations are extended with Fast Path support and each protocol is split between Fast Path / Slow Path / Control Plane
- Application and Fast Path share cores
- Optimal for configurations with 2 to 4 cores, or more when no MCEE is available

6WINDGate EDS is a ready-to-use solution that includes pre-made networking and application development building blocks to simplify development within multi-core based architectures. It also enables an 'open' framework to easily integrate in-house or third party applications while eliminating hardware lock-in for equipment manufacturers including, telecommunications equipment, enterprise gateways, security appliances and customer premise equipment (CPE).

6WIND's other 6WINDGate solutions (ADS and SDS) enable the company to cover all application needs. 6WINDGate ADS is ideal for home and enterprise applications where the Control Plane and Data Plane can be co-localized. 6WINDGate SDS is based on a Fast Path architecture making it ideal for the most demanding high performance telecommunication applications, and for any number of multi-cores.

### **Pricing and Availability**

Available now on Intel multi-core platforms, 6WINDGate EDS will be progressively available during the second half of 2008 on all multi-core platforms supported by 6WINDGate. Pricing varies by configuration.

### **About 6WIND**

6WIND provides a software solution to mediate through simplicity the application development process within multi-core based equipment for telecommunications equipment manufacturers and their embedded chipset designers. Working worldwide with the entire ecosystem of multi-core technology – board manufacturers, executive environment and OS providers, chipset vendors and telecommunications equipment manufacturers – 6WIND is creating a paradigm shift for all involved in the design process of multi-core based applications. The company's solutions enable the entire ecosystem to take full advantage of multi-core processor capabilities without needing to deal with traditional embedded design complexities. The entire ecosystem can benefit from reduced development time, leading to a reduction in development costs and a faster realization of revenues. 6WIND is a privately owned company based near Paris, France with a subsidiary in California, sales office in Asia, and an R&D center in Beijing, China. For more information, visit [www.6wind.com](http://www.6wind.com).

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