



## **For Immediate Release**

### **6WIND CEMENTS ITS *OPEN NETWORK ENGINE (O.N.E.)* STRATEGY WITH NEW SOFTWARE RELEASE TO ACCELERATE NET-CENTRIC DEFENSE SYSTEMS DESIGN**

**Paris, June 23, 2005** – 6WIND ([www.6wind.com](http://www.6wind.com)), the pioneer in advanced IP-agnostic networking software, introduced its latest software release, 6WINDGate™ version 2.4 following the company's launch last week as *The O.N.E. (Open Network Engine) Partner* for defense communication systems. The new release cements the *Open Network Engine* value-add of 6WINDGate™'s software framework to accelerate platform or systems design, empowering seamless interoperable and converging communications for the challenging environment of defense networking.

The 6WINDGate™ release 2.4 incorporates an enhanced capability for seamless software integration enabled by the completion of a smart management layer, 6WINDGate™ XMS (eXtensible Management System) within its open and flexible software architecture. The 6WINDGate™ XMS, based on industry standard XML, provides an efficient solution to assimilate and configure newly-added features using standard management tools (CLI, Web, SNMP or third party management interface) within 6WINDGate™ built-in features. This ultimately facilitates different software integration from specific board drivers, kernels, network protocols to applications, for fast differentiation of the end product or system. This integration has been successfully tested with VoIP and security applications (anti-spam, anti-virus, etc.) and with some protocols particularly useful for defense applications. These include: NEMO (NETwork MObility), ROHC (RObust Header Compression), ad-hoc routing, FMIPv6 (Fast Handover for mobile IPv6).

"Designing net-centricity within converging defense communications must be viewed from the perspective of a multitude of autonomous transmission systems being interconnected within a large global information system, using IP as the convergence layer. In this massive transformation, interoperability with traditional non-IP and proprietary systems such as mobile military applications can only be successful if effected within an open yet protected framework to reduce risks and keep costs down. 6WINDGate™, now enhanced with a mature version of 6WINDGate™ XMS layer, addresses and masters this complexity while improving software integration at multiple levels, significantly accelerating design and development at the same time," said Eric Carmès, 6WIND's Chief Operating Officer and Co-Founder.

He added that in a project for the European Space Agency, the *Open Network Engine* value-add was demonstrated when specific satellite encapsulation protocol, compression mechanism and digital video broadcasting drivers were integrated within 6WINDGate™'s software platform. This led to seamless interoperable digital video broadcasting via satellite over IPv4 or IPv6, a scenario that could easily be envisioned for advanced military SATCOM applications.

## **6WINDGate™ Software Suites**

6WINDGate™ software suites provide the fast path to product design for network equipment providers delivering converging multi-services IP gateways meant for SOHO, SME, enterprise and ISP applications and system integrators providing net-centric vertical applications. Field-proven with a patented software architecture, they incorporate the market's first comprehensive IP-agnostic\* features for routing, security, QoS, mobility, IPv4-IPv6 transition, device and service management, and have been validated on industry standard hardware reference designs. Unlike a traditional stack approach, the integration of packet processing functions (Data Plane) with signalling protocols (Control Plane) is fully assured. 6WINDGate™ is distributed over Linux operating systems and held together by 6WINDGate™ XMS (eXtensible Management System) for easy additional software integration and flexible customization of an

end product or system. 6WINDGate™ is available on single processor architectures (eg. Intel's x86 or IXP4xx, Motorola PowerPC) as much as on more powerful distributed fast path processing architectures (eg. Intel's IXP2xxx) to meet higher levels of performance. For enquiries on 6WINDGate™ software suites, email [information@6wind.com](mailto:information@6wind.com).

**\* Internet Protocol version agnostic, refers to the ability of 6WINDGate to support seamless networking on any IP infrastructure without favoring IPv4 or IPv6, having been developed ground-up to support both.**

## **About 6WIND**

6WIND is the undisputed leader and innovator of advanced and fully-integrated dual Internet Protocol (IPv4-IPv6) networking software for OEM licensing. The company's patented software technology empowers network equipment providers to significantly cut development time and cost, simplify network application integration and accelerate the go-to-market process of new generation multi-services and secure networking equipment. 6WIND-powered devices are used worldwide in advanced dual IP projects on mobility, WLAN, interoperability, and secure broadband access by major industrial corporations, ISPs and telecommunication operators, defense agencies and the academia.

6WIND was the first European company certified IPv6-ready by the global IPv6 Forum and is a European Information Society Technology award winner (EIST 2004). A spin-off of Thales (HO.FP), the company is headquartered in France and has offices in China and South Korea.

<http://www.6wind.com>

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