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RMI Corporation and 6WIND Extend Partnership for Embedded Software Features and Performance Advancements Across RMI's XLR® and XLS®™ Multicore Processor Families

Collaboration Includes Porting 6WIND's Embedded 6WINDGate™ Software to RMI Multicore Processors and Providing the Joint Solutions for Evaluation, Enabling New Design and Performance Advantages for Customers

Mountain View, California – Aug. 31, 2009 – 6WIND, a leading provider of embedded software solutions that simplify networking and application development upon multicore processor based equipment, today announced it is expanding availability of its 6WINDGate™ embedded software solutions with RMI Corporation., a leading provider of high-performance processors for communications and media-rich applications. The expansion will enhance 6WINDGate's embedded networking design and application integration simplifications and performance advantages of RMI's multicore processors. In particular, 6WINDGate will be newly optimized for use on RMI's XLR® and XLS® multicore, multi-threaded processors. 6WINDGate is also being made available for customer evaluation across these RMI processor families.

[6WINDGate](#) provides ready-to-use layer 2-4 networking and protocols feature sets allowing engineers to start working on application development and integration much faster. 6WINDGate has been specifically designed to benefit from multicore performance and to hide the complexity of multicore extensions for applications. An XML-based manageability interface eases integration of networking and value-added features and applications and also maximizes customer software development reuse. This makes integration of applications on RMI processors a far more seamless process that also allows designers to maximize networking and application performance.

New optimizations will be provided for RMI's XLR and XLS processor families to better integrate 6WINDGate with RMI's OS. RMI's [XLR processor family](#) is a very high throughput, feature-rich processor solution for a wide variety of infrastructure equipment and enterprise systems. The XLR processors enable applications such as integrated security, web services, virtualized storage, load balancing and server offload, as well as content and application aware, multi-service routing and switching. The [XLS processor family](#) offers mid- to entry-level versions of the XLR architecture. The XLS processor leverages the XLR's performance, scalability and technology innovations and incorporates additional advanced interfaces. XLS processors address applications that demand a smaller form factor and lower power consumption. The XLR and XLS families are pin-compatible within each series and are software compatible across both processor families.

Both companies will work to optimize the performance for specific application needs. 6WINDGate is 6WIND's flagship embedded networking software solution to enable simplicity and speed in designing applications for multicore based equipment. By ridding designers of having to work through the typical design complexities of multicore, several advantages can be realized with 6WINDGate by telecommunications, security and networking equipment manufacturers, and chipset providers:

- Maximizes performance gains offered by the full family of RMI multicore processors
- Scales from 1 to any number of cores using simple-to-implement ADS, EDS and SDS customizable 6WINDGate profiles
- Enables seamless integration of a multicore executive environment (MCEE) with Linux Architecture using an open and standards-based approach
- Off-the-shelf ready with a complete set of networking features to reduce networking design times by as much as 70 percent
- Framework eases development of additional features and maximizes portability across RMI devices
- Complete XML-based manageability eases integration of networking, applications and value-added features
- Maximizes customer software development reuse
- Reduces overall development cycles and design time leading to cost reductions and a strong value proposition for telecommunications, security and networking equipment manufactures, and chipset providers

(more)

All 6WINDGate profiles – ADS, EDS and SDS – are being used in the partnership to provide a holistic solution across any number of cores. 6WINDGate provides a complete networking solution including dual-IP networking protocols, comprehensive L2/L4 networking functions, unicast and multicast forwarding, virtual routing, tunneling, IPsec via built-in crypto processors, stateful firewall, QoS, NAT, TCP offloading, with all these functions being IPv6 ready. 6WINDGate can run as a pure Linux solution (ADS and EDS) or in conjunction with the MCEE (SDS) to provide the highest level of performance and a seamless integration into customers' existing Control Plane. As a result, embedded designers and equipment manufacturers can use the combined solution as a software environment for all RMI multicore solutions. The partnership enables an end-to-end simplified design process for all phases.

“We’ve expanded our technology collaboration with 6WIND to optimize 6WINDGate for all our multicore solutions, which in turn enables our customers to more easily implement real performance gains for their systems and applications,” commented Mark Litvack, director, business development for RMI Corporation. “We are empowering our customers with proven embedded software that allows them to quickly and simply implement multicore applications. This significantly reduces design costs and increases time to revenue for everyone. We’ve already jointly demonstrated the benefits of our collaboration with tier one customers and will continue to work with these and future customers to provide more optimizations.”

“Expanding our technology partnership to cover all RMI multicore solutions including, optimizing 6WINDGate with RMI’s XLR and XLS product families, is a real testament to 6WINDGate as a reference solution for layer 2-4 embedded networking software, specifically designed for multicore,” commented Dominique Lanfranchi, VP of Sales, Europe & North America, for 6WIND. “We are able to provide true performance gains for a variety of applications using RMI solutions including, telecommunications infrastructure equipment for 4G, LTE, wired, etc.; enterprise gateways; security appliances; network offload engines for IP-based applications; and much more.”

Availability

6WINDGate is immediately available today for evaluation on RMI’s XLR and XLS processors. Pricing varies by specific application and quantities. For more information on availability and pricing, contact [RMI](#) or [6WIND](#).

About 6WIND

6WIND provides an embedded “middleware style” networking software solution that brings great simplicity and speed to designing and maximizing performance of networking functions and applications running on multicore technology. The solution is designed for use upon embedded chipsets and their operating system environments, on multicore-based equipment for telecommunications, networking, security and more. 6WIND’s 6WINDGate™ solution enables the entire ecosystem of multicore technology – board manufacturers, OS providers, chipset vendors and equipment manufacturers – to take full advantage of multicore processor performance that is possible with no performance penalties. It rids designers from needing to deal with traditional multicore design complexities. 6WINDGate ensures noticeable reductions 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 and support in Asia, and an R&D center in Beijing, China. For more information, visit www.6wind.com.

About RMI Corporation

RMI Corporation is a fabless semiconductor company providing High-Performance Super System-on-a-Chip (SuperSoC™) Processor solutions for the Infrastructure, Enterprise, and Consumer Media markets. Applications include Wireless, Networking Security, Thin Clients, and Connected Multi-Media. RMI offers a broad platform of advanced MIPS-compatible processor solutions with both 32/64-bit architectures supporting frequencies from 300MHz to greater than 2.0 GHz. RMI is headquartered in Cupertino, CA with branch and subsidiary operations in Texas, France, India, Korea, Japan, Taiwan, Hong Kong and China. More information about RMI can be found on the company's website at www.RMICorp.com.

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