Wind River Introduces Smart Gateway Platform Enabling New Class of IP Services

ALAMEDA, Calif. – Nov. 14, 2011 – Wind River has introduced Wind River Platform for Gateways, a software platform for the development of smart gateways. Initially targeting the residential gateway market, Wind River Platform for Gateways is the first in a series of smart gateway solutions from Wind River that begin to address machine-to-machine (M2M) technology needs. Sumitomo Electric Networks Inc., a leading provider of broadband access equipment for major carrier customers in Japan, is currently using Wind River Platform for Gateways to develop its newest line of service gateways.

Wind River Platform for Gateways provides equipment makers with a platform they can use immediately to develop gateways that easily manage connected devices and services at the network edge. As a broadband access device, gateways are the hardware and software building blocks that connect consumers and their digital home devices with Internet-based services. Smart gateways enable operators and service providers to configure, manage, diagnose, support and deliver services more efficiently and intelligently. Beyond streaming music and entertainment, smart gateways enable services that let consumers monitor and manage sophisticated home automation and multimedia systems, such as centralized HVAC, lighting or security systems, with even greater ease and gain deeper insights into their home systems or data usage habits. As gateways evolve for the home and beyond, Wind River can provide a foundation for the expansion of connected device services for medical, energy and other M2M solutions.

“As gateways become more powerful in the way they connect devices with the Internet and handle data, consumers and operators can better capitalize on a wider range of services into the home. Equipment manufacturers must create rich platforms that scale to meet the demands of these new services, while keeping costs low,” said Paul Anderson, vice president for marketing and strategy for Linux products at Wind River. “By taking care of pre-integration, validation and optimization, Wind River Platform for Gateways dramatically reduces development costs and helps customers rapidly get to market. It also provides an extensible platform allowing them to anticipate future needs and expand services.”

“In order to grow IP services to the home, our customers are eagerly searching for new ways to effectively and intelligently handle massive amounts of data and quickly deploy equipment. It is critical that we deliver the highest quality scalable devices that enable a wide variety of smart services,” said Minoru Kuramoto, director and senior general manager, 1st Technologies Group at Sumitomo Electric Networks, Inc. “By working with an expert like Wind River possessing deep embedded Linux expertise and using its Wind River Platform for Gateways, we are able to unlock even greater performance capabilities and develop leading-edge features compliant to global standards while meeting our tight deadlines.”

Wind River Platform for Gateways is built on the latest version of Wind River's market-leading commercial embedded Linux, delivering the benefits of open source innovation with a proven commercial Linux offering. It is currently pre-validated on multiple ARM-based system-on-chip (SoC) processors.

"Together with Wind River, we are delivering technology for intelligent service-enabled and high-performance gateways that support home automation applications and remote-management capabilities that help to significantly reduce the operating costs of broadband value-added service delivery," said Marco E. Bello, executive director of customer premises equipment (CPE) marketing and product management at Mindspeed Technologies, Inc. "The pre-integrated offering based on our Comcerto processors and Wind River Linux, allows equipment makers to develop their products quickly and reduce their total cost of ownership."

Relieving original equipment manufacturers, original design manufacturers and operators from the hassles of managing multiple software vendors, Wind River has built a rich ecosystem of third-party independent software vendors that includes industry-leading application-specific software and middleware that has been validated and pre-integrated with Wind River Platform for Gateways. Customers also have the convenience of turning to Wind River as the single point of contact for ongoing support. By pre-integrating, testing and validating third-party software components, Wind River is able to help customers reduce development cycles and total cost of ownership. Partner software solutions include the following:

* Digital Living Network Alliance (DLNA) interoperability technology from DigiOn enabling the sharing of digital content

* OSGi-based dynamic service platform technologies for Java from Makewave and ProSyst

* Remote device management technologies using standards-based protocols such as TR-069 from Works Systems

* Virtual machine technologies from Skelmir

Wind River Platform for Gateways is immediately available to customers worldwide. Additional information about Wind River Platform for Gateways is available at http://www.windriver.com/products/platforms/gateways [1]

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