



Embedded Alley Brings Android to MIPS Architecture Devices, Expanding Android Platform Application Space

*Enables Android on RMI Alchemy Processor Family for
Personal Multimedia, Digital Video, Automotive Infotainment*

San Jose CA and NAB Show, Las Vegas NV, April 23, 2009 – Embedded Alley, a leading provider of embedded Linux® solutions, today announced that the company is extending the popular Android mobile applications platform to support the MIPS processor architecture. The Embedded Alley project enables Android on devices built with the Alchemy Processor family from RMI, a leading provider of high performance processors for communication and media, and also other MIPS SoC implementations from MIPS Technologies, Inc. licensees.

This effort by Embedded Alley does not merely port the Google/Open Handset Alliance software stack to a new CPU, but also dramatically expands the number and type of applications that can leverage the Android platform. New Android applications stemming from the Embedded Alley MIPS project include personal multimedia and Mobile Internet Devices digital video and home entertainment (STB/DTV/HDTV), automotive (GPS and infotainment), medical devices, home automation, SOHO networking, instrumentation and industrial control.

“Combining hard-won expertise in the MIPS architecture, in-depth knowledge of the Android platform and experience in a range of applications and technologies, Embedded Alley is uniquely positioned to expand the Android application space,” commented Matthew Locke, Embedded Alley COO. “This background, together with our strong involvement in open source communities and projects, makes Embedded Alley an ideal partner for chip vendors and OEMs going to market on this exciting new platform.”

To accomplish the port to the MIPS Architecture, Embedded Alley marshaled the company’s well-known expertise in MIPS as well as its broad experience in engaging with semiconductor suppliers and OEMs in markets and applications eager to see MIPS support for Android. The first MIPS-compatible SoC processors supported for Android will be the RMI Alchemy™ Processor family, an Embedded Alley partner. The Alchemy® Processor family, including products like the Au1250® Processor, embodies highly integrated SoC processing solutions that are widely deployed in media and communications applications

“Embedded Alley enabling Android for the MIPS architecture helps us meet a wide range of emerging customer requirements,” noted Mike Wodopian, vice president and general manager, RMI. “Our partnership with Embedded Alley gives leading global OEMs the Android capability that they have been asking for from the Alchemy Processor family while being able to take advantage of the optimized performance, low power consumption and high levels of integration for a wide variety of applications.”

The scope of engineering and productization work by Embedded Alley starts with the integration of Android-specific Linux kernel patches (for 2.6.28) and encompasses a range of activities that include

- Porting the Dalvik virtual machine underlying Android to MIPS, including architecture and build support and comprehensive optimization for Dalvik acceleration on MIPS
- Extending Android bionic library and linker support to accommodate MIPS architecture
- Integrating and testing board support and industry-specific device drivers, CODECs and other middleware
- Supporting MIPS in the Android Software Development Kit (SDK) and Android targets in the Embedded Alley customizable Development System

Availability

Embedded Alley support for Android will be available starting in May 2009 as part of the company's Development Systems for MIPS architecture, including support for select MIPS architecture boards and customer-tailored support on the Embedded Alley Junction. RMI will also be demonstrating support for Android on the Alchemy Processor family at CompuTEX in June in Taipei, Taiwan. Contact Embedded Alley TODAY for more information at <http://www.embeddedalley.com> or via email at info@embeddedalley.com.

About Embedded Alley

Embedded Alley enables its customers to develop and deliver winning products by bridging the gap between open source and commercial software, providing Linux, middleware and expertise to OEMs building a broad range of mobile and embedded devices and communications infrastructure equipment.

Founded in 2004, Embedded Alley is headquartered in San Jose, California, with operations worldwide. To learn more, please visit <http://www.embeddedalley.com>.

About RMI

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 1.3GHz. 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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