

MicroEJ® and Micrium Software Offer an Integrated C and Java Environment to Accelerate Embedded and IoT Development

MicroEJ OS uses Micrium's µC/OS RTOS kernel and associated libraries to provide software portability, scalability and security to embedded and IoT devices

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NANTES, France & AUSTIN, Texas--([BUSINESS WIRE](#))--MicroEJ® and Micrium Software, part of the [Silicon Labs](#) (NASDAQ: SLAB) portfolio, today announced the integration of the MicroEJ OS application platform and µC/OS real-time operating system (RTOS), designed to offer the best mixed C and Java language programming environment to software developers for embedded microcontrollers and microprocessors.

The combined solution of Micrium's µC/OS RTOS runtime components and MicroEJ OS allows device manufacturers to quickly deliver embedded software that offers a richer user experience. MicroEJ and Micrium support a wide range of microcontroller architectures and evaluation kits, making this solution portable across all hardware configurations. As a result, manufacturers can capitalize on their software investment.

“MicroEJ allows device manufacturers to better manage the software content of their IoT devices by offering flexibility through dynamic and secure download of code as apps,” said Vincent Perrier, chief marketing officer of MicroEJ. “The combined Micrium µC/OS RTOS and MicroEJ OS are optimized for performance, power and footprint, so cost-effective, low-power IoT devices can benefit from capabilities, business models and ecosystems similar to mobile solutions with the online MicroEJ Store.”

“Micrium offers the most comprehensive and integrated environment for developing embedded software applications written in the C language on a large set of processors and boards,” said Jean Labrosse, founder of Micrium. “With MicroEJ, embedded developers can benefit from the productivity, security and scalability offered by a virtualization platform with minimal performance and footprint overhead. The combined Micrium and MicroEJ solution allows the Java development community to benefit from Micrium's real-time and safety-critical capabilities, regardless of hardware platform.”

Combining Micrium and MicroEJ solutions for developing and deploying software for IoT and embedded devices enables:

- Support for a diversity of cost-effective and low-power hardware
- Reliable and optimized low-level software runtime that makes the most of available hardware services and allows connection to a variety of networks
- Delivery of a software platform to a large community of programmers that allows portable application development
- Connectivity to IoT cloud platforms for deployment of cloud-based services and big data analytics
- Dynamic app download that allows flexible software content management and the creation of ecosystems around online stores

The combined MicroEJ and Micrium solution is available today and will be demonstrated at ARM TechCon 2016 (<http://www.armtechcon.com/>) in Micrium's booth, #800. The expo will take place at the Santa Clara Convention Center in Santa Clara, California, on October 26-27, 2016.

About MicroEJ

MicroEJ provides software and application solutions to enable device manufacturers to deliver cost-effective, scalable IoT products to the smart world. Headquartered in France, with offices in Germany and the United States, MicroEJ offers a full suite of IoT solutions for device software development, application development, data collection, and application deployment. MicroEJ OS, software development tools, and online application store enable large-scale deployments of IoT devices using processors starting at \$1. MicroEJ delivers faster time to market, reduced cost of ownership of software, and new revenue opportunities for its customers in markets such as wearables, home appliances, home automation, healthcare, and industrial automation. For more information, please visit www.microej.com.

About Micrium

Micrium Software, part of the Silicon Labs portfolio, is a family of RTOS solutions for the Internet of Things. Silicon Labs' Micrium products feature highly-reliable, full featured RTOS options for developers building microprocessor, microcontroller, and DSP-based devices. µC/OS is the leading commercial RTOS for embedded systems and features a wide array of connectivity options. Micrium Spectrum is a pre-integrated end-to-end portfolio of embedded software, protocol stacks and cloud services to facilitate development of the IoT from device to the cloud. Micrium's RTOS kernel and software components are recognized for unparalleled reliability, performance, dependability, impeccable source code and extensive documentation. They are ideally suited to all embedded vertical markets, with solutions certified to meet rigorous safety-critical standards for industries such as medical electronics, avionics and industrial control. www.micrium.com

About Silicon Labs

Silicon Labs (NASDAQ: SLAB) is a leading provider of silicon, software and solutions for the Internet of Things, Internet infrastructure, industrial automation, consumer and automotive markets. We solve the electronics industry's toughest problems, providing customers with significant advantages in performance, energy savings, connectivity and design simplicity. Backed by our world-class engineering teams with unsurpassed software and mixed-signal design expertise, Silicon Labs empowers developers with the tools and technologies they need to advance quickly and easily from initial idea to final product. www.silabs.com

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