



Product News

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IAR Systems and Express Logic form an IoT Development Partnership to provide easier and faster development of connected applications

embedded world, Nuremberg, Germany—February 23, 2016—IAR Systems®, the world’s leading vendor of embedded development tools, and Express Logic, Inc., the worldwide leader in royalty-free real-time operating systems (RTOSes), announce the formation of an IoT Development Partnership, in order to provide customers with easier, secure, and faster development, resulting in shorter time to market for connected applications.

With embedded applications continuously growing in complexity, the need for pre-integrated solutions and complete development platforms is increasing. IAR Systems and Express Logic have responded to this need with increased collaboration. The innovative Renesas Synergy Platform™ highlights one such example where tools from both companies play vital roles. Now, with the IoT Development Partnership, the companies plan to focus on additional opportunities to tightly integrate their products, providing developers with tools that are secure and easier to use out-of-the-box.

“New markets and increased consolidations within the embedded industry drive the creation of new and evolved ecosystems,” says Stefan Skarin, CEO, IAR Systems. “In this changing landscape, vendors need to work together at a deeper level to accommodate our customers’ demand for integrated, secure, and highly available technology. Renesas has taken a leap with the Renesas Synergy platform, and we are glad to be part of it, along with our partner, Express Logic. We will continue to form strategic relationships as part of this paradigm shift within the embedded industry.”

“We are pleased to reach this mutual agreement, taking our partnership with IAR Systems to the next level,” says William E. Lamie, President, Express Logic, Inc. “Thanks to the longstanding relationship between Express Logic and IAR Systems, we have a large number of joint customers with varied and complex requirements that include security. Our recently announced X-Ware Secure Platform™ is based on IAR Embedded Workbench and is a direct result of our IoT Development Partnership. Going forward, we will continue to intensify our work together in order to provide value for all of our customers,

– more –

both within the innovative Renesas Synergy Platform and in other forms.”

IAR Embedded Workbench is a complete set of development tools incorporating IDE tools, the highly optimizing IAR C/C++ Compiler™ and the comprehensive C-SPY® Debugger. The tools offer extensive support for devices from all major vendors. Express Logic’s ThreadX® RTOS has been deployed in more than 5.4 Billion products (see Express Logic release on this topic) in the fields of consumer electronics, industrial control, medical devices, and wireless networking.

The extensive integration of IAR Embedded Workbench and the ThreadX RTOS provides a high level of intuitiveness and efficiency, including features such as 100% MISRA-compliant C/C++ source code, single-click integration of the C-SPY Debugger with Express Logic’s TraceX™, and best-of-class RTOS awareness, providing insight into application execution performance as well as RTOS objects such as threads, message queues, semaphores, and mutexes. In addition to ThreadX, Express Logic provides extensive middleware, including integrated TCP/IP stacks, an embedded file system, USB protocol stacks and an embedded graphical user interface development toolkit—all fully integrated with IAR Embedded Workbench.

Learn more about IAR Embedded Workbench at www.iar.com/iar-embedded-workbench and about Express Logic’s ThreadX at www.rtos.com.

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***Editor's Note:** IAR Systems, IAR Embedded Workbench, IAR Connect, C-SPY, C-RUN, C-STAT, visualSTATE, IAR KickStart Kit, IAR Experiment!, I-jet, I-jet Trace, I-scope, IAR Academy, IAR, and the logotype of IAR Systems are trademarks or registered trademarks owned by IAR Systems AB. ThreadX and FileX are registered trademarks of Express Logic. GUIX, GUIX Studio, NetX, TraceX, USBX, Preemption-threshold, and Picokernel are trademarks of Express Logic. All other products names are trademarks of their respective owners.*

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About IAR Systems

IAR Systems provides developers of embedded systems with world-leading software tools for developing competitive products based on 8-, 16-, and 32-bit processors. Established in Sweden in 1983, the company has over 46,000 customers globally, mainly in the areas of industrial automation, medical devices, consumer electronics, telecommunication, and automotive products. IAR Systems has an extensive network of partners and cooperates with the world's leading semiconductor vendors. IAR Systems Group AB is listed on NASDAQ OMX Stockholm. For more information, please visit www.iar.com.

About Express Logic and ThreadX

Headquartered in San Diego, CA, Express Logic offers the most advanced run-time solution for deeply embedded applications, including the popular ThreadX® RTOS with over 5.4 Billion deployments worldwide. Complementing ThreadX are a full set of middleware products including, the high-performance NetX™ TCP/IP stack, the FileX® embedded FAT compatible file system, the new GUIX™ GUI development toolkit, and the USBX™ Host/Device USB protocol stack. All products from Express Logic include full source-code and have no run-time royalties. For more information about Express Logic solutions, please visit www.rtos.com.