IAR Embedded Workbench supports new Renesas RX71M MCUs targeting the industrial Internet of Things

Uppsala, Sweden—March 23, 2015—IAR Systems® has released version 2.70 of its development toolchain IAR Embedded Workbench® for Renesas RX family of MCUs. In addition to new features, version 2.70 adds updated device support and example projects for the latest Renesas devices. The support includes the new Renesas RX71M group with advanced security features for the industrial Internet of Things.

Renesas' RX71M group addresses the critical importance of security in embedded design for industrial equipment where connectivity is added to more and more applications. IAR Systems is the only tool vendor to provide high-performance tools for the entire line-up of Renesas MCUs. In total, more than 4,000 Renesas devices, including all RX devices, are supported by IAR Embedded Workbench.

The new version also includes enhancements to the already very efficient code optimization techniques. The optimizations for code size and execution speed provided by the IAR C/C++ Compiler perform on multiple levels, global as well as core/target-specific. The developer is able to tune the optimizations to achieve the best possible configuration for the application at hand.

About IAR Embedded Workbench

IAR Embedded Workbench for RX includes the IAR C/C++ Compiler, assembler, linker, library tools and the C-SPY Debugger in a user-friendly integrated development environment. It is available in several editions, including a Baseline edition tailored for developers working with the smaller memory RX microcontrollers, and a Functional Safety version with safety-certification from TÜV SÜD according to the requirements of IEC 61508, the international umbrella standard for functional safety, as well as ISO 26262, which is used for automotive safety-related systems. More information about the tools is available at www.iar.com/iar-embedded-workbench/renesas/rx/.

Ends

– more –

Editor's Note: *IAR Systems, IAR Embedded Workbench, C-SPY, C-RUN, C-STAT, visualSTATE, Focus on Your Code, 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. 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.