



Product News

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IAR Systems maximizes performance for latest Renesas RX industrial IoT MCUs

IAR Embedded Workbench delivers a powerful toolchain enabling developers to make the most of the new RX65N/RX651 microcontrollers targeting the industrial Internet of Things (IIoT)

Uppsala, Sweden—December 5, 2017—IAR Systems®, the future-proof supplier of software tools and services for embedded development, announces tool support for the expanded RX65N/RX651 Group microcontroller (MCU) lineup, [recently made available](#) by Renesas Electronics. By using the latest version of [IAR Embedded Workbench® for Renesas RX](#), developers get everything they need to maximize the performance of the new RX65N/RX651 MCUs and bring innovative industrial connected applications to market faster. The functional safety edition of IAR Embedded Workbench for Renesas RX, which is certified according to IEC 61508, ISO 26262 and IEC 62304, also supports the new MCUs.

Renesas' RX65N/RX651 Group of MCUs addresses advanced security needs for connected devices operating in industrial automation, building automation, and smart metering systems. The expanded lineup features MCUs with integrated Trusted Secure IP from Renesas, and enhanced, trusted flash functionality and human-machine interface (HMI) for industrial and network control systems.

IAR Embedded Workbench for Renesas RX is a powerful development toolchain. It provides a complete IDE including the IAR C/C++ Compiler™ with Renesas RX ABI compliance, an assembler, a linker and the C-SPY® Debugger. Support for Renesas Firmware Integration Technology (FIT) is also available, making it possible for developers to import FIT modules into IAR Embedded Workbench without having to make any adaptations to the imported code. This integration simplifies and speeds up development of RX-based applications. To enable complete code control through the entire development cycle, integrated code analysis is available in IAR Embedded Workbench for Renesas RX through the static code analysis tool C-STAT® and the runtime analysis tool C-RUN®.

IAR Systems has been partners with Renesas since the 1980's. Thanks to the close collaboration, IAR Systems is able to deliver tools for the entire Renesas MCU lineup and to provide early support for new MCUs. More information about IAR Embedded Workbench for Renesas RX is available at www.iar.com/iar-embedded-workbench/tools-for-rx.

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***Editor's Note:** IAR Systems, IAR Embedded Workbench, IAR Connect, C-SPY, C-RUN, C-STAT, IAR Visual State, IAR KickStart Kit, 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 supplies future-proof software tools and services for embedded development, enabling companies worldwide to create the products of today and the innovations of tomorrow. Since 1983, IAR Systems' solutions have ensured quality, reliability and efficiency in the development of over one million embedded applications. The company is headquartered in Uppsala, Sweden and has sales and support offices all over the world. IAR Systems Group AB is listed on NASDAQ OMX Stockholm, Mid Cap. Learn more at www.iar.com.