IAR Systems expands support for NXP processors in development tools for Arm

Stockholm, Sweden—May 20, 2021—IAR Systems®, the future-proof supplier of software tools and services for embedded development, today announced that the latest version of the development toolchain IAR Embedded Workbench® for Arm® adds support for NXP®'s latest crossover MCU – the i.MX RT1160 MCU.

IAR Embedded Workbench for Arm delivers a complete C/C++ compiler and debugger toolchain, including powerful optimizations and comprehensive debugging capabilities. It also includes integrated static and runtime analysis tools, user-friendly features for helping developers in the daily workflow, as well as a powerful RTOS awareness plugin that enables a high level of control and visibility over an application built on top of a real-time operating system. With the strong technology, IAR Systems offers global technical support and a support and update service enabling customers to easily get access to the latest features and updates.

"NXP's i.MX RT1160 is a new high-end processor within the i.MX RT portfolio of crossover MCUs, enabling powerful applications within areas such as Industrial Human Machine Interfaces (HMI), motor control, home appliances and high-end audio appliances," said Cristiano Castello, Sr. Director Product Innovation for MCUs, NXP Semiconductors. "For many years, IAR Systems and NXP have worked together to help our mutual customers in a variety of industries and we are happy to continue this collaboration with the latest addition to our i.MX RT MCU portfolio."

"IAR Embedded Workbench for Arm is the toolchain of choice for thousands of developers worldwide and we are continuously making updates to support latest processor technology", said Anders Lundgren, Product Manager, IAR Systems. "Coupling our leading CoreMark® performance position and advanced debugging features with the powerful i.MX RT1160 MCU from NXP will equip our joint customers with a very competitive offering."

Earlier this week, on May 18, Secure Thingz, an IAR Systems® Group company, announced a collaboration with NXP Semiconductors to enable protection of connected devices. The unique security tools from IAR Systems and Secure Thingz combined with Physical Unclonable Function (PUF) technology from NXP offer strong IoT security implementation through combination of hardware and software-based protection.

IAR Systems delivers powerful development tools with broad NXP coverage and is a platinum member of the NXP Partner Program, a global network of engineering companies collaborating with NXP to bring exceptional software, tools, training and services. More technical information about IAR Systems offering for NXP processors is available at www.iar.com/nxp and in the upcoming webinar on June 2: Accelerating safety-certified application development with Azure® RTOS and IAR Embedded Workbench on i.MX RT edge computing MCUs.

Ends

Editor's Note: *IAR Systems, IAR Embedded Workbench, Embedded Trust, C-Trust, 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 product 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. Since 2018, Secure Thingz, a provider of advanced security solutions for embedded systems in the IoT, is part of IAR Systems. IAR Systems Group AB is listed on NASDAQ OMX Stockholm, Mid Cap. Learn more at www.iar.com.