



Press release

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IAR Systems introduces support for 64-bit processors

Stockholm, Sweden—February 22, 2021— IAR Systems®, the future-proof supplier of software tools and services for embedded development, today presents that its C/C++ development toolchain IAR Embedded Workbench® for Arm® now supports 64-bit Arm cores including Arm Cortex®-A35, Cortex-A53 and Cortex-A55.

In the embedded industry, more and more applications are being based on 64-bit cores, specifically within low-power applications, deeply embedded and handheld devices. In these application areas, IAR Embedded Workbench has a strong foothold and is the toolchain of choice for many companies to reach maximum performance and energy efficiency. By now also supporting 64-bit Arm processors, IAR Systems enables its customers to stay at the forefront of development towards 64-bit technology, while taking advantage of the company's complete offering with code analysis, certified products, technical support and flexible licensing models.

“Starting in the 8-bit world, we have been following our customers into 32-bit, and we are now continuing the journey together into the 64-bit world,” said Stefan Skarin, CEO, IAR Systems. “Our customers need to have access to integrated, flexible solutions that provide advanced functionality without compromising performance or quality, and we are working with a number of lead customers who are early adopters of 64-bit devices in order to make their technology switch as smooth and efficient as possible, and enable them to develop next-generation embedded applications. Through this extended offering, we are building a development tools platform for the future, enabling our customers to both maximize their already made investments as well as prepare for innovations yet to come.”

The latest version of IAR Embedded Workbench for Arm delivers support for a number of different 64-bit processors, such as the NXP i.MX 8 series of application processors including the i.MX 8M, i.MX 8M Mini and i.MX 8M Nano products.

“The support of 64-bit in IAR Embedded Workbench for Arm is great news for developers wanting to implement real-time applications on higher performance embedded processors”, said Robert Thompson, Director of i.MX Ecosystem, NXP® Semiconductors. “NXP's i.MX 8M applications processors provide cost-effective integration and affordable performance for smart, connected, power-efficient devices requiring graphics, vision, voice control, machine learning, intelligent sensing and general-purpose

processing. IAR Systems and NXP's long history of collaboration in the embedded processing space enables our combined technologies to provide a powerful development platform for 64-bit embedded applications.”

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***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.