IAR Systems and VORAGO Technologies enable development of embedded systems in harsh environments

The complete C/C++ compiler and debugger toolchain IAR Embedded Workbench supports new ARM Cortex-M0 microcontrollers from VORAGO Technologies, targeting embedded applications with requirements for extreme temperature and radiation resistance

Uppsala, Sweden—October 11, 2016—IAR Systems®, provider of world-leading software tools for embedded development, is proud to announce support for the new ARM® Cortex®-M0 VA108x0 microcontrollers (MCUs) from VORAGO Technologies. Developers can now take advantage of the highly optimizing build tools and comprehensive debugging capabilities in IAR Embedded Workbench® to leverage the full potential of the VORAGO MCUs.

The VA108x0 MCUs from VORAGO Technologies are designed specifically for harsh environments with radiation and extreme temperature (-55˚ to 200˚C), in industries such as aerospace, automotive, industrial, oil and gas, and space. Based on VORAGO's patented and proven HARDSIL® technology, the VA108x0 MCUs provide developers with robust embedded solutions that reduce development complexity and power consumption, while increasing reliability and longevity.

"Many of our customers have requested the possibility to use IAR Systems' software tools in their development, and we are delighted that our MCUs are now supported in IAR Embedded Workbench", says Ross Bannatyne, Marketing Director, VORAGO Technologies. "The combination of VORAGO's extreme temperature and radiation resistant MCUs and the powerful toolchain IAR Embedded Workbench will enable companies to create many robust and high-reliable applications in the near future."

IAR Embedded Workbench for ARM is a complete C/C++ compiler and debugger toolchain for development of embedded systems, supporting over 4,800 ARM devices from a large number of semiconductor vendors. Thanks to its flexibility in use and powerful technology, developers can improve efficiency in their development projects and get their products to market faster. To meet different customers' needs, the toolchain is available in several versions, including a functional safety version

– more –

certified by TÜV SÜD according to the requirements of IEC 61508, ISO 26262 and EN 50128.

Support for VORAGO's VA108x0 MCUs is available now in the latest version of IAR Embedded Workbench for ARM. More information about the tools and free trial versions are available at www.iar.com/iar-embedded-workbench/tools-for-arm.

Ends

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. 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 Stockholm. For more information, please visit www.iar.com.

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About VORAGO Technologies

VORAGO Technologies is a privately held, fabless semiconductor company based in Austin, TX with patented and proven solutions for extreme temperature and radiation environments. VORAGO's patented HARDSIL® technology can be integrated into standard silicon manufacturing processes and uses standard CMOS fabrication equipment. VORAGO Technologies opens up a new world of possibilities for your designs, no matter how hostile the environment. www.voragotech.com