Latest IAR Embedded Workbench for ARM offers new functionality and compiler optimizations

ARM TechCon, Santa Clara, California—October 30, 2012—IAR Systems® today announced a new version of its world-leading development tool suite, IAR Embedded Workbench® for ARM® version 6.50. The new version adds expanded integration and new functionality. In addition, enhancements to the optimization technology in the powerful IAR C/C++ Compiler result in even faster code execution.

To make it easy for developers to use device configuration tools alongside IAR Embedded Workbench, IAR Systems has implemented new functionality for adding project connections. Automated integration with Freescale's Processor Expert Software, Infineon's DAVE™ code generator, and other device configuration tools enables developers to import files or file packages generated by the tools. IAR Embedded Workbench automatically detects changes in the generated file set.

Providing fast and compact code, the IAR C/C++ Compiler performs multiple levels of optimizations for code size and execution speed, such as loop unrolling and function inlining. The operations performed are global as well as core- and target-specific. By further advancing its compiler technology, IAR Systems has improved the already outstanding results of industry-standard benchmarks by more than 10 percent.

A new display of source browser call graph enables developers to easily navigate through the function call hierarchy. Developers can choose to display all possible calls to or from a selected function with the calls listed in a dedicated Call Graph window. This added functionality provides a good overview of function calls, making it easier to see the relationships between different parts of the application.

In addition, the latest version includes a new License Management System (LMS) that adds features such as commuter licenses, automatic license activation and support for virtual servers. The new LMS makes it easy for customers to administer and manage licenses.

About IAR Embedded Workbench
IAR Embedded Workbench is a complete set of C/C++ compiler and debugger tools with support for all ARM cores, including ARM7/9/11 and ARM Cortex™-M0, Cortex-M0+, Cortex-M1, Cortex-M3, Cortex-M4, Cortex-R4, Cortex-R5, Cortex-R7, Cortex-A5, Cortex-A7, Cortex-A8, Cortex-A9 and Cortex-A15.

Version 6.50 of IAR Embedded Workbench for ARM will be available for customers on November 9, 2012. Visit www.iar.com/ewarm for additional product information.

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About IAR Systems

IAR Systems is the world's leading supplier of software tools for developing embedded systems applications. The software enables over 14,000 large and small companies to develop premium products based on 8-, 16- and 32-bit microcontrollers, 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