IAR Systems further simplifies designing and testing of state machine-based embedded applications

Uppsala, Sweden—December 20, 2013—IAR Systems® launches a new version of its state machine tool suite IAR visualSTATE®. Version 7.2 includes several new features for further simplifying large design projects for embedded applications based on state machines, as well as updated user guides and a new license management system.

IAR visualSTATE allows developers to build their design from a high level, structure complex applications, step by step add functions in detail, and automatically generate code that is 100 percent consistent with the design. It also provides advanced formal verification, analysis and validation that can be used to make sure the applications behave as intended. To strengthen ease of use and simplify the design and test process for developers with very large projects, the state machine simulator in IAR visualSTATE has been updated to allow action function return values to be specified as a sequence of values to be returned on each invocation of the function. Further, simulation can now be driven by event sequence files created offline in a very easy-to-use syntax. Other new functionality includes a search field which makes the specification of events, states and actions easier in designs with a huge number of design elements.

Also added to version 7.2 of IAR visualSTATE are updated user guides and documentation and a new license management system (LMS) that simplifies administration through features like commuter licenses, automatic license activation and support for virtual servers.

IAR visualSTATE is completely integrated with the powerful C/C++ compiler and debugger toolchain IAR Embedded Workbench®. When using the tools together, full state machine debugging on hardware is available. IAR Systems also provides a free-standing Viewer for IAR visualSTATE users. The Viewer can be used to view but not edit model files and can be copied freely for sharing and discussing designs with stake holders outside the development team.

Read more about IAR visualSTATE and download free evaluation licenses at www.iar.com/vs.

Ends

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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 19,000 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