

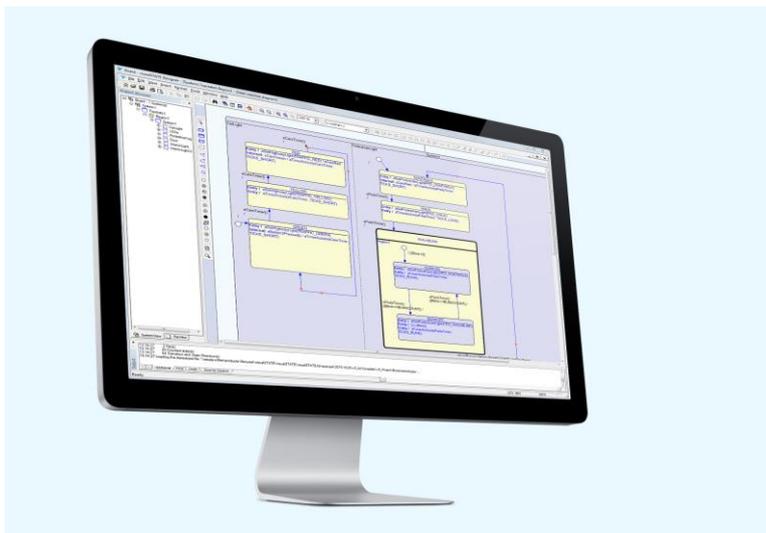
Product News

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IAR Systems introduces starter kit for state machine-based development

The new IAR KickStart Kit for visualSTATE helps developers to get up and running quickly with exploring state machine-based development for embedded systems

Uppsala, Sweden—November 2, 2015—Today, IAR Systems® launches a starter kit for the state machine toolset IAR visualSTATE®. The complete starter kit is targeted for developers interested in exploring state machine-based embedded development and includes evaluation versions of IAR visualSTATE as well as the embedded development toolchain IAR Embedded Workbench®. The kit features an evaluation board based on a STM32F429 device from STMicroelectronics and an I-jet Lite debug probe. To get users up and running quickly, a number of example applications are included.



Developers can use IAR visualSTATE 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. This methodology can be extremely helpful when realizing large design projects for embedded applications. The tools also provide advanced formal verification, analysis and validation that can be used to make sure the applications behave as intended. The latest version, 7.5, includes a number of updates for improved compliance with the MISRA C/C++ coding standards. This is very beneficial for customers working for example in the automotive segment.

IAR KickStart Kit for visualSTATE contains an easy-to-use evaluation board specially designed for the display of the examples provided. The board can be powered via the included debug probe I-jet Lite, which provides JTAG and SWD debug interfaces. The board is based on a STM32F429 microcontroller from STMicroelectronics. This ARM® Cortex®-M4 device features a rich set of peripherals for connectivity, graphics and audio.

The kit is based on the latest version 7.5 of IAR visualSTATE, which includes MISRA C/C++ compliance improvements, easier Coder API switches and reduced build time. In addition, a context-sensitive help system has been introduced as a complement to the comprehensive user guides and step-by-step tutorials available in the toolset.

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 KickStart Kit for visualSTATE is priced at EUR189/USD 209 and [available for online order](#).

- [Watch video demos of the toolset and a read a quick introduction guide](#).

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