



News Release

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Telelogic Releases Rhapsody OSEK Integration, the First UML 2.0/SysML-Based Modeling Environment to Produce OSEK Targeted Code

*- Telelogic and Willert Software Tools form Partnership to
Provide Optimized OSEK Modeling Solutions and Consulting
Services for Automotive Software Applications -*

MALMÖ, Sweden and IRVINE, California – 13 February 2007 – Telelogic (Nordic Exchange/MidCap/TLOG) has expanded its partner ecosystem by forming a strategic alliance with Willert Software Tools GmbH. Through this partnership Telelogic Rhapsody® will provide the first Model-Driven Development™ (MDD™) environment for automotive software development that complies with Open Systems and Corresponding Interfaces for Automotive Electronic (OSEK) and is based on the Unified Modeling Language™ (UML®) 2.0 and SysML.

For the first time, automotive software application developers will be able to design, test, and validate embedded software in a UML 2.0/SysML-based MDD environment. Developers will be able to seamlessly deploy the code to a target Embedded Control Unit (ECU) running OSEK, the dominant standard for automotive software and electronics. OSEK, created by industry partners BMW, Bosch, DaimlerChrysler, Opel, Siemens, PSA, Renault and VW, was developed to enable software reuse, solve control unit incompatibility, and to reduce engineering costs.

“Telelogic Rhapsody provides a critical set of capabilities to developers working in the OSEK domain,” said Andreas Willert, President, Willert Software Tools GmbH. “Willert Software Tools is proud to partner with Telelogic to create this solution and add value to our customer’s experience with OSEK-compliant adaptors specifically customized for different combinations of OSEK, microcontroller, and compiler. Additionally, our training and consulting services can help users get up to speed quickly while getting the

most out of their software solutions. What's more, this partnership has already produced a proven solution, with the Rhapsody and Willert OSEK adaptation now modified for a major automotive OEM manufacturer."

"This alliance demonstrates our commitment to building strong relationships with key technology partners, such as Willert Software Tools. Willert Software Tools are experts in creating efficient code targeted for the resource-constrained environments found in automotive ECUs," said Raz Yerushalmi, Vice President, Development Systems and Automotive Applications, Telelogic. "The ability to efficiently generate code from Rhapsody targeted to the OSEK-compliant real-time operating system (RTOS) will allow automotive engineers to further leverage the benefits of using the Telelogic solutions for UML 2.0/SysML-based MDD. These benefits include improved communication via standard models, reduced errors through simulation and model-based testing, and time savings offered by code generation."

The Telelogic and Willert OSEK solution enables software developers to use the Rhapsody MDD environment for software development, design, analysis, and C code generation. The solution includes a real-time execution framework that enables the generated code to target an OSEK-compliant RTOS. Additionally, the Rhapsody OSEK integration supports the OSEK Implementation Language file, or OIL file, providing a seamless integration into OSEK-compliant software solution chains. In circumstances where software developers need to connect a software solution chain consisting of the microcontroller, the compiler, and the OSEK implementation, Willert can tailor the integration for any combination of these three elements. By optimizing the OSEK adaptor, generated code and OIL file, Willert provides an efficient integration for small target implementations on microcontrollers.

Developed for embedded automotive applications, the Telelogic Rhapsody OSEK integration is available now.

About Telelogic Rhapsody

Rhapsody is the industry's leading UML 2.0 and OMG SysML-based Model-Driven Development environment for embedded systems and software engineering. With advanced capabilities to extend UML 2.0, Rhapsody supports both functional and object-oriented design techniques in one environment. Rhapsody has won numerous awards including the Best in Show award at the Embedded Systems Conferences in San Francisco and Boston from VDC; the SD Times 100 for the third year in a row by taking top honors in the modeling category; and the Model-Driven Development Focus of the Embedded Development Arena award. Rhapsody has been recently endorsed by Embedded Market Forecasters as the tool of choice for C developers.

About Willert Software Tools GmbH

Andreas Willert founded Willert Software Tools GmbH in 1992 with a core business strategy to equip customers with complete software development environments created to solve their most demanding engineering challenges. This philosophy goes beyond simply supplying software development tools: the Willert company also imparts the necessary "Know How", experience and expertise to closely assist customers in the successful

deployment and use of their software development environments. From the start, Willert has been specialized in embedded software development for smaller systems that mainly use 16 bit microcontrollers (especially of the Infineon C167/XC167 family). Willert Software Tool's mission is to provide a combination of cutting edge technology backed with by industry experience to solve their customer's software challenges.

About Telelogic

Telelogic® is a leading global provider of solutions for automating and supporting best practices across the enterprise – from powerful modeling of business processes and enterprise architectures to requirements-driven development of advanced systems and software. Telelogic's solutions enable organizations to align product, systems, and software development lifecycles with business objectives and customer needs to dramatically improve quality and predictability, while significantly reducing time-to-market and overall costs.

To better enable our customers' drive towards an automated lifecycle process, Telelogic supports an open architecture and the use of standardized languages. As an industry leader and technology visionary, Telelogic is actively involved in shaping the future of enterprise architecture, application lifecycle management, and customer needs management by participating in industry organizations such as INCOSE, OMG, The Open Group, Eclipse, ETSI, ITU-T, the TeleManagement Forum, and AUTOSAR.

Headquartered in Malmö, Sweden, with U.S. headquarters in Irvine, California, Telelogic has operations in 20 countries worldwide. Customers include Airbus, Alcatel, BAE SYSTEMS, BMW, Boeing, DaimlerChrysler, Deutsche Bank, Ericsson, General Electric, General Motors, Lockheed Martin, Motorola, NEC, Philips, Samsung, Siemens, Sprint, Thales, and Vodafone.

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