News Release

Contact Americas/Asia:
Jesper Christensen
Chief Marketing Officer
Phone: +1 (949) 885-2496
E-mail: jesper.christensen@telelogic.com

Contact Europe:
Ingemar Ljungdahl
Chief Technology Officer
Phone: +46 40 650 00 00
E-mail: ingemar.ljungdahl@telelogic.com

Telelogic Announces SysML Availability

- Incorporation of the SysML standard underscores Telelogic's commitment to support System Engineering -

MALMÖ, Sweden and IRVINE, California – 24 October 2005 – Telelogic (Stockholm Exchange: TLOG), the leading provider of software solutions that align advanced systems and software development with business objectives, today announced support for the proposed Systems Modeling Language (SysML) standard in its industry-leading Telelogic TAU® G2 product. TAU SysML extends UML 2.0, the standard visual modeling language for software development, to provide systems engineers with a model-based notation, which has previously been missing from their repertoire. TAU SysML's ability to simulate analysis and design models in real-time can significantly reduce errors early in the systems engineering lifecycle, resulting in substantive time and cost savings.

SysML's primary goal is to improve communications across the system development lifecycle, enhance knowledge capture, and lower maintenance overhead. This is accomplished by reducing ambiguity, as well as eliminating errors and inconsistencies due to interpretation and transcription of information between documents, notations, and tools. SysML extends UML 2.0 to support the specification, analysis, design, verification, and validation of complex systems that may include hardware, software, data, personnel, procedures, and facilities.

TAU SysML achieves its reduction in analysis and design errors through automated model consistency checks and early validation of design via model execution. Maintenance and infrastructure costs are reduced through the use of a common modeling environment that will serve both systems and software engineering organizations. For those aspects of the system allocated to software the same model created by systems engineers in SysML can be re-used and elaborated by software engineers in UML, effectively bridging the gap between systems and software with complete traceability.

"Since the SysML Partners organized in May 2003 we have collaborated with INCOSE's Model Driven System Design Working Group and the ISO AP-233 Working Group to ensure that the SysML specification meets the demanding needs of practicing systems engineers, including interoperability between modeling tools," said Cris Kobryn, Chair of the SysML Partners and former Chair of the UML 2.0 submission team. "We have also acted upon feedback from SysML prototype users to make this new language more straightforward for systems engineers to learn and apply, and more efficient for tool vendors to implement and simulate." Kobryn further noted that, "During the SysML prototype phase Telelogic played a leadership role in demonstrating that SysML models can be precisely defined and simulated. Telelogic's launch of a new product that features fully executable SysML further enhances its reputation as an industry leader in visual modeling languages and tools."

"Other engineering disciplines, such as electrical engineering and mechanical engineering, have had standard model-based notations for specifying, analyzing, and validating their designs for decades," said Ingemar Ljungdahl, Chief Technology Officer at Telelogic. "In contrast, systems engineers have been primarily document-centric, relying on natural language, ad hoc diagrams, and piecemeal modeling to communicate and validate their requirements and designs. We have integrated SysML into our TAU product offering to solve this."

"After thorough evaluation of the language, it is believed that SysML will be extremely beneficial to System Engineering," states a Senior Systems Engineer at a major U.S. defense contractor. "In addition to state-of-the-art visual display of all requirements, SysML offers visual relationships to analysis, design, and test elements. SysML provides a consistent, user-friendly method for all project disciplines to view information. SysML will also facilitate early detection of common engineering risks such as errors, holes, and conflicts. I was able to view demos of the different vendor prototypes and felt that the Telelogic offering was the most intuitive, robust, and complete."

Telelogic TAU SysML supports the current SysML specification, which is being submitted by the SysML Partners to the Object Management Group (OMG) in November 2005. Telelogic plans to support updates to the SysML specification as it evolves during the OMG standardization process.

About SysML
The SysML specification is being submitted to the OMG in response to a joint Request for Proposal by the OMG and the International Council on Systems Engineering (INCOSE) for a version of UML that is customized to address the needs of systems engineers. The SysML Partners, an association of industry leaders founded by Telelogic and supported by tool vendors, government agencies and professional organizations, plans to submit a SysML update to the OMG in November 2005.

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, and the TeleManagement Forum.

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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