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Telelogic Introduces Support for Defense Industry Enterprise Architectures

– Telelogic Enterprise Architect for DoDAF builds on strengths of integrated Requirements Management and Modeling solutions –

MALMÖ, Sweden and MIAMI, Florida – October 25, 2004 – Telelogic, (Stockholm Exchange: TLOG), the leading global provider of solutions for advanced systems and software development, today announced the availability of Telelogic Enterprise Architect for DoDAF at its annual user conference in Miami, Florida. Telelogic Enterprise Architect for DoDAF is a comprehensive solution for defining and constructing enterprise architectures compliant with the US Department of Defense Architecture Framework (DoDAF), which supersedes the framework known as the C4ISR AF.

Documenting existing and planned enterprise architectures is often mandated by law or government agencies. DoDAF, and other architecture frameworks based on it, such as the UK's MODAF (Ministry of Defence Architecture Framework), and NAF (NATO C3 Architecture Framework), defines a common approach for enterprise architecture description, development, presentation, and integration for both warfighting operations and business processes. To date, support for DoDAF-based development and documentation of the enterprise architecture has been limited and did not close the gap between the enterprise architecture descriptions and realization of that architecture in systems and software.

DoDAF enables the defense community to comprehensively map out the current and future needs of defense organizations against the existing and planned capabilities of forces and infrastructure. This is essential for identifying gaps or redundancy and ensuring interoperability between systems involved in military operations.

Telelogic Enterprise Architect for DoDAF provides a comprehensive solution for defining and constructing DoDAF-compliant enterprise architectures and uniquely bridges the gap between describing and implementing architectures, by leveraging the world's leading requirements management product, Telelogic DOORS®, and advanced modeling technology in Telelogic TAU®/Architect™. As an added benefit, integration with Telelogic SYNERGY™ provides support for managing change throughout the development lifecycle.



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Telelogic Enterprise Architect for DoDAF provides the following key benefits:

- **Consistency, correctness and completeness of DoDAF views and products.** Consistency across all DoDAF views and products is ensured by TAU's powerful modeling capabilities and automatic propagation of changes. Correctness of DoDAF views and products is aided by the use of DoDAF-specific terminology, automatic detection of modeling errors and execution of models to verify their behavior. Completeness is enabled by support for all DoDAF products, including automatic generation of selected products from information contained in the DoDAF model. Fewer errors means getting it right faster, resulting in lower costs.
- **Compliance of enterprise architectures with customer requirements, DoDAF specifications and standards.** The two-way synchronization between DOORS and TAU ensures traceability is established and maintained across DoDAF products and to applicable specifications and standards, which are supplied pre-loaded into DOORS. The ease of demonstrating compliance, as an enterprise architecture model evolves, leads to lower costs; and traceability enables complete assessment of the impact of changes, providing more accurate project planning.
- **Communication of enterprise architectures to customers, acquisition/procurement and systems/software engineers.** Telelogic Enterprise Architect for DoDAF enables architectures to be presented to end users in a DoDAF-specific form that is easily understood. Further, a key aim of defining enterprise architectures is to identify missing capabilities, which can then be acquired or developed. Telelogic Enterprise Architect for DoDAF supports a smooth transition in either case: requirements for an acquisition/procurement can be further refined, RFPs (Request for Proposal) or ITTs (Invitation to Tender) produced, and responses assessed; or architectures can be reused, refined and realized by systems and software engineers. More effective communication means less misunderstandings and mistakes, and together with reuse delivers higher quality and lower costs.

"Organizations need enterprise architecture descriptions to understand what they have, to identify gaps in their technology infrastructure and to spot opportunities to reuse systems and components for new purposes to meet new business goals," said Matt Light, research director at Gartner. "However, architecture descriptions aren't very useful if you can't easily reuse the information captured to drive implementation of systems and software."

Telelogic Enterprise Architect for DoDAF demonstrates the power and flexibility of Telelogic's products to be adapted for domain-specific applications. It builds on system and software architecture modeling and model execution technology that has been proven in designing and implementing the world's most complex systems in the telecommunications industry, and adapts it for enterprise architecture modeling in the defense arena.

"Telelogic has established itself as a leading supplier of solutions for systems and software development to the aerospace and defense industry," said Ingemar Ljungdahl, chief technology



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officer at Telelogic. "Telelogic Enterprise Architect for DoDAF enhances our requirements-driven solutions for this important market by enabling government agencies and defense contractors to better address their needs for describing enterprise architectures and ensuring their compliance to DoDAF."

Availability and Platform Support

Telelogic Enterprise Architect for DoDAF is now available. It is a package containing Telelogic DOORS, Telelogic TAU/Architect and the DoDAF module. Upgrade options are also available to existing DOORS and TAU users. Telelogic Enterprise Architect for DoDAF is supported on Windows 2000, Windows XP, and Citrix.

Also announced and available today are new releases of Telelogic's solutions for requirements analysis, design and implementation of systems and software: DOORS/Analyst™ 1.3, TAU/Architect 2.4 and TAU/Developer™ 2.4.

About Telelogic DOORS

Telelogic DOORS is a multi-platform, enterprise-wide system for capturing, linking, tracing and analyzing information to ensure a project's compliance to specified requirements and standards. Used by more than 100,000 professionals at more than 1,300 companies worldwide, DOORS is the market share leader for requirements management according to industry analyst firms Gartner¹, META Group², Standish Group³ and Yphise⁴.

About Telelogic TAU

An integrated family of tools, Telelogic TAU's unique visual development environment simplifies, automates and accelerates the specification, analysis, design and testing of advanced systems and software.

About Telelogic SYNERGY

Telelogic SYNERGY is an integrated tool family for change and configuration management, which provides lifecycle control for a company's digital assets. This enables superior quality advanced software and systems to be developed faster and at reduced costs.

About Telelogic

Founded in 1983, Telelogic® is a leading global provider of solutions for advanced systems and software development. Telelogic's intuitive, best-in-class software tools automate and support best practices throughout the development lifecycle, leaving development teams free to concentrate on core competencies and apply their skills and energy to value-added tasks. By optimizing each phase of development, Telelogic enables companies to deliver higher quality systems and software with greater predictability, reduced time-to-market and lower overall costs.

To ensure interoperability with third-party tools, Telelogic's products are built on an open architecture and standardized languages. As an industry leader and technology visionary, Telelogic is actively involved in shaping the future of advanced systems and software



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development by participating in industry organizations like ETSI, INCOSE, ITU-T, OMG, Eclipse and others.

Headquartered in Malmö, Sweden with U.S. headquarters in Irvine, California, Telelogic has operations in 17 countries worldwide. Customers include Alcatel, BAE SYSTEMS, BMW, Boeing, DaimlerChrysler, Deutsche Bank, Ericsson, General Motors, Lockheed Martin, Motorola, NEC, Nokia, Philips, Siemens, Thales and Vodafone. For more information, please visit www.telelogic.com.

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1. Gartner DataQuest, 2004.
2. META Group - Mastering the Requirements of Requirements Management: Application Delivery Strategies, Integration & Development Strategies, Thomas Murphy, META Group, April 2003.
3. The Standish Group - *What are your requirements? 2003*, The International Standish Group, Inc., 2003.
4. Yphise, Requirements Management Tools, Yphise, 2002.

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