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For immediate release**Test before Implementation**

Zürich, Switzerland – 11. October 2002 – Based on the software engineering platform CASSANDRA, KnowGravity Inc. offers from November 2002 the simulation environment **CASSANDRA/xUML** that allows **direct execution of UML-specifications**. Thus, after modeling a UML specification using a conventional CASE tool, this specification may be executed and validated immediately and without any further steps. This directly corresponds to the idea "the model is the code" of the **Model Driven Architecture (MDA)** currently propagated by the Object Management Group (OMG).

The functionality of the system may now be tested as soon as specified, but long before the first line of code has been written. This allows debugging on the high abstraction level of a UML model instead of on the level of a specific programming language. Furthermore, the **built-in regression tester** allows to record manual test sequences and thus the complete automation of specification-tests.

To develop an executable UML specification, the case tool "Real-time Studio" from ARTISAN Software Tools Inc. is required. The integration of other CASE tools is planned. CASSANDRA/xUML as well as the underlying CASSANDRA platform are available at no cost from KnowGravity Inc. In cooperation with ARTISAN Software Tools Inc., KnowGravity Inc. offers an **xUML Starter Kit** that proves the advantages of xUML on a real customer example as an "all-included" package for an unbeatable price.

CASSANDRA/xUML is productively in use in the EURO-Interlocking project of the UIC (International Union of Railways) to validate the correctness of UML specifications for safety-critical railway interlocking systems.

Information about KnowGravity Inc.

Headquartered in Zürich, Switzerland, KnowGravity Inc. was founded in April 2001 by a well established team of software engineers as a spin-off from a larger Swiss IT company. Beside various Swiss partners, KnowGravity Inc. intensively collaborates with its international partners Model Systems (Europe) Ltd., London, England and Model Systems Consultants Inc, Seattle, WA, USA.

Know Gravity Inc.'s main focus lies in provisioning of know how in the areas of system and software engineering as well as software technologies. This know-how is provided via five different channels: training, consulting, application, brokering, and automation of knowledge. All employees of the company are specialized generalists with a holistic and interdisciplinary approach. This makes KnowGravity Inc. a competent partner for practical transfer and application of professional engineering. For more information, please visit our web site at www.knowgravity.com.

Information about ARTISAN Software Tools Inc.

ARTISAN Software Tools provides electronic product development teams with the "fastest path to the right product." The company offers products, services and a process for systems and software modeling to accelerate the development of next-generation real-time systems while ensuring that they meet requirements. ARTISAN enables engineering teams to visualize, design and validate systems before building them, and simplifies implementation with code generation and software reuse. ARTISAN is a practical partner offering easy-to-adopt, down-to-earth solutions.

ARTISAN Software Tools, Inc., founded in March 1997, is privately held with headquarters in Cheltenham, United Kingdom. The company has regional sales offices and distributors throughout the world. For more information, call +44 (0)1242 229300 internationally, or 1(888)511-7975 from the US; or visit www.artisansw.com