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CONTACT: Michelene K. St. Amand  
MÄK Technologies  
P: 617.876.8085 x144  
F: 617.876.9208  
mstamand@mak.com  
ITEC Booth #526

## **GENESYS PROJECT USES MÄK RTI IN DISTRIBUTED TRAINING SUPERVISION SYSTEM FOR ASTRONAUTS AND GROUND CONTROLLERS**

ITEC, LONDON, England, April 21, 2004 – MÄK Technologies, the world's leading supplier of distributed simulation software, announced that the GeneSyS project (IST-2001-34162, see <http://genesys.sztaki.hu>) has started development and standardization on the MÄK RTI. GeneSyS is using the MÄK RTIplus configuration that includes the RTIspy, a debugging tool and plug-in API toolkit for the MÄK RTI. The GeneSyS project is tasked to develop a new generic, open and modular middleware for supervising distributed systems. One of the applications of this middleware is the supervision of space-related distributed simulation systems at different levels. The training activities of astronauts, ground controllers and technical operators, based on an HLA application simulating the Automated Transfer Vehicle (ATV) and the International Space Station (ISS) Rendez-vous, will be supported by the multi-layer GeneSyS architecture. EADS SPACE Transportation is the project's coordinator, with the University of Stuttgart (HLRS), MTA SZTAKI of Hungary and NAVUS GmbH as partner companies.

"The MÄK RTIPlus has been selected as the HLA RTI implementation because it provides openness for developers and high real-time performance," said Jean-Eric Bohdanowicz, Project Manager for GeneSyS.

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"The GeneSyS project's use of HLA demonstrates the growing acceptance of this initially defense related interoperability standard in other markets," said Warren Katz, MÄK's chief operating officer. "Their choice of the MÄK RTI reinforces its place as the premiere commercial RTI."

At the European Simulation Interoperability Workshop (EuroSIW), representatives from the GeneSyS project will be presenting a paper discussing benefits and perspectives of using GeneSyS software in the International Space Station and ATV programs. EuroSIW, sponsored by the Simulations Interoperability Standards Organization (SISO), will be held in Edinburgh, Scotland from June 28 to July 1, 2004. For more information about EuroSIW, please visit the SISO web site at [www.sisostds.org](http://www.sisostds.org).

An RTI is a key component of the HLA networking architecture. The verified and fully compliant MÄK RTI has been chosen as the backbone of major simulation programs. The RTIplus version of the MÄK RTI includes RTIspy, a diagnostic GUI and plug-in API for debugging and customization. MÄK RTI customers include Lockheed Martin's F-16 Mission Training Center, Northrop Grumman Mission Systems' DMT lab, AFRL Warfighter Training Research Division, FATS and Verrax. The MÄK RTI is consistently proven in third party studies to be the most efficient RTI available. Antycip, MÄK's distribution partner in Europe, is providing support to the GeneSyS project.

### **About MÄK Technologies**

MÄK Technologies develops software to link, simulate and visualize the virtual world. We create tools and toolkits for distributed simulations, develop PC-based military tactical trainers, craft custom solutions, and research and develop the latest simulation technologies. We build commercial off the shelf simulation

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software that is flexible, portable and supported. Whether you choose our best-selling networking toolkit, VR-Link or our computer generated forces toolkit, VR-Forces, you have purchased a product backed by the industry's leading distributed simulation experts. Our worldwide customers include ITT Industries, Boeing, Lockheed Martin, Raytheon, Tenix, Dassault and BAE. Please call 617.876.8085 or visit [www.mak.com](http://www.mak.com) for more information.

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