



## FOR IMMEDIATE RELEASE

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## **AGI LICENSES MÄK TECHNOLOGIES VR-LINK FOR HLA AND DIS COMPLIANCE IN STK**

**Companies Form Partnership; Prototype Software  
To be Demonstrated at I/ITSEC**

I/ITSEC, ORLANDO, FL, December 4, 2006 – MÄK Technologies, the world's leading supplier of distributed simulation software, and Analytical Graphics, Inc. (AGI), the producer of commercial off-the-shelf software for integrated analysis of land, sea, air and space assets, today announced that under a new partnership agreement, AGI will license MÄK's VR-Link networking toolkit to create a High Level Architecture (HLA) and Distributed Interactive Simulation (DIS) extension to the real-time capabilities of its core analysis software, STK. This integration links STK to HLA- or DIS-compliant distributed simulations, allowing users to easily map data from HLA and DIS interactions using configuration files and minimal coding. The software extension will be available in 2007, and AGI will demonstrate a prototype at I/ITSEC from December 4-7 in booth #1007.

"The partnership between AGI and MÄK is a big step forward in bringing together the operational and simulation worlds," says Kevin Flood, AGI's director of product management. "The same tools AGI develops for real-time decision support for space, missile, communications, radar and air operations will now be linked to large-scale simulations and war-gaming activities, bringing an extremely robust analytical product to the aerospace, defense and intelligence communities."

- more -

**Page 2**  
**AGI PARTNERS WITH MÄK**

“AGI is the undisputed leader in air and space analytical commercial off-the-shelf software, and we’re pleased they are using VR-Link to bring simulation interoperability to STK,” says Marc Schlackman, MÄK Technologies’ vice president of sales and marketing. “By using VR-Link rather than developing an internal solution, AGI’s new extension is backed by a proven solution and supported by our experienced developers.”

AGI’s commercial off-the-shelf STK software combines independently validated and verified analytical algorithms with a complex physics-based geometry engine. The software models the position of objects and their movement over time; analyzes the relationships among multiple objects; and determines the quality of those relationships. Integrating VR-Link with STK will add AGI’s analysis strength to simulations, including orbit/trajectory ephemeris generation and sensor coverage analysis for any of the objects modeled in the STK environment. Applying DIS or HLA protocols in STK will also enhance the ability to define when vehicles, sensors, ground sites and other objects are in view of each other.

MÄK Technologies’ VR-Link is a networking toolkit for linking simulations via the Department of Defense HLA, DIS or TENA networking protocols. It provides a single documented API that abstracts away the details of the networking protocols. VR-Link-based simulations can maintain native compliance with HLA, DIS and TENA with a single code base. VR-Link has recently been chosen by DiSTI as the basis of their DIS/HLA module for GLStudio and is in use by MultiGen-Paradigm for their Vega Prime networking solution.

**About AGI**

Analytical Graphics, Inc. (AGI) develops commercial off-the-shelf (COTS) analysis software for land, sea, air and space that is relied upon by the national security and space communities. With more than 32,000 worldwide installations, the main applications of AGI technologies focus on battlespace management, geospatial intelligence, space systems and national defense programs. In addition to the STK product suite, AGI produces the desktop software applications Navigation Tool Kit and Orbit Determination Tool Kit; interactive visualization AGI Viewer software; and the embedded technology development tool 4DX. For more information about AGI or its commercially available software technologies, e-mail [info@agi.com](mailto:info@agi.com) or explore [www.agi.com](http://www.agi.com).

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**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 and trainers, craft custom solutions, and research and develop the latest simulation technologies. We build commercial off the shelf simulation software that is flexible, portable and supported. Whether you choose our best-selling networking toolkit, VR-Link, our computer generated forces toolkit, VR-Forces or another of our interoperable products, you can be confident that you have the industry leading distributed simulation experts in your corner. Our worldwide customers include ITT Industries, Lockheed Martin, Boeing, Raytheon, Thales, 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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