



## PRESS RELEASE

### **Liteye Systems' Head Mounted Display Technology Aboard International Space Station**

***Microdisplay technology, key component of pilot program that assists astronauts in performing complex space station maintenance.***

Centennial, Colo., October 5, 2009— Liteye Systems, a world leading provider of rugged, high-resolution, head mounted displays (HMD) and micro imaging solutions, supplies its Model 750A HMD for Belgian based Space Applications Services' new maintenance assistance system.

The WEAR (Wearable Augmented Reality) program is a lightweight and compact tool that superimposes text, graphics and video onto an astronaut's field of view. The WEAR system provides localized maintenance information for handling complex equipment just as the astronaut requires it. The system uses voice activated commands. This allows both hands of an astronaut to remain free to perform necessary tasks. The system completed its first in orbit test on September 19th.

"The Liteye Model 750A is a rugged and reliable HMD used by many of the NATO military forces. It was a natural fit for use in the WEAR project for the International Space Station," said Tom Scott, President of Liteye Systems. "We are very proud that the Model 750A was chosen by Space Application Services to be the visualization component in a tool to perform complex maintenance and keep the space station in orbit."

The Model 750A is a high performance, ruggedized HMD that meets military specification and was created for situational awareness applications. The 750A is available in full color SVGA and/or composite video. This lightweight versatile product combines low distortion, high performance optics with an OLED microdisplay optimum for portable computing and remote viewing

#### **About Liteye Systems**

Liteye Systems, Incorporated (<http://www.Liteye.com>), located in Centennial Colorado, is a world leading provider of rugged, high-resolution, head mounted displays (HMD) and micro imaging solutions. Liteye Systems solutions are compatible for a broad range of military, medical and commercial applications. Their imaging solutions can be found in some of the world's largest companies and government agencies. Liteye was selected as a member of the 2009 inaugural class of the Colorado Companies to Watch.

#### **Contact:**

Rick Sondag  
Vice President, Operations  
Liteye Systems  
Phone: 720-974-1766  
[rsondag@liteye.com](mailto:rsondag@liteye.com)



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### **About WEAR Project:**

WEAR is a project funded 50/50 by the company Space Applications Services and the Belgian Federal Science Policy Office and managed by the European Space Agency. Space Applications Services is prime contractor for the project and its Systems and Ground Segment (S&GS) group had responsibility for the design, development, validation and flight qualification of WEAR. The group Vision for Industry Communication and Services (VISICS) of the Katholieke Universiteit Leuven (KUL) is the subcontractor responsible for the development of the localization software based on real-time image processing.

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