U.S. Army And Lockheed Martin Demonstrate Multi-Sensor Situational Awareness Technology

PR Newswire
ORLANDO, Fla.

ORLANDO, Fla., Oct. 20, 2011 /PRNewswire/ -- Lockheed Martin (NYSE: LMT) was selected by the U.S. Army's Research Development And Engineering Command, Communications-Electronics Research, Development and Engineering Center (RDECOM CERDEC) Night Vision and Electronic Sensors Directorate (NVESD) to demonstrate an advanced slew-to-cue sensor system designed to provide greater situational awareness during route clearance and surveillance missions.

The Multi-sensor Graphical User Interface (MS GUI), demonstrated recently at the Association of the U. S. Army Annual Meeting in Washington, D.C., is an affordable, backwards compatible upgrade kit for fielded Gyrocam systems currently deployed with the U.S. Army and U.S. Marine Corps.

MS GUI allows the operator to use a touch screen display capability to slew between reference cameras, such as the Driver's Vision Enhancer, and the Gyrocam® Vehicle Optics Sensor System (VOSS), to simultaneously search for potential threats while interrogating identified hazards on route clearance missions.

Under a cooperative research and development agreement with NVESD, Lockheed Martin will continue to enhance capabilities of the MS GUI system for use in various situational awareness applications, paving the way for the eventual fielding of the technology.

"We are pleased to partner with NVESD to integrate MS GUI into the Gyrocam VOSS suite of capabilities to support route clearance missions," said Kennan Walker, business development manager in Lockheed Martin's Gyrocam Systems business. "By working together to meet the increasing demand for enhanced situational awareness, we are providing our warfighters with an advanced capability that detects, identifies and tracks insurgent threats from safe stand-off distances and significantly reduces operator fatigue."

A recognized world leader in the design, production and integration of advanced electro-optical/infrared systems, Lockheed Martin has delivered more than 7,600 targeting, navigation and surveillance sensors to the United States military and its allies. Through the VOSS program, Lockheed Martin is developing and fielding vehicle-mounted, gyro-stabilized, long-range optical systems for all branches of the U.S. military.

Headquartered in Bethesda, Md., Lockheed Martin is a global security company that employs about 126,000 people worldwide and is principally engaged in the research, design, development, manufacture, integration and sustainment of advanced technology systems, products and services. The Corporation's 2010 sales from continuing operations were $45.8 billion.

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