

News

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BAE SYSTEMS INTRODUCES MORE EFFECTIVE GEOSPATIAL INTELLIGENCE SOFTWARE

SAN DIEGO — BAE Systems has released the latest version of its geospatial intelligence software, providing upgrades that allow users to reduce dependency on multiple tools to record and analyze ground features. The company's SOCET GXP[®] v3.0 software combines image analysis and geospatial production tools into a single application for diverse uses — from finding beach landing sites for combat troops to helping land the Mars Rover.

SOCET GXP is a geospatial-intelligence (GEOINT) software package that uses imagery from commercial, satellite, and tactical sources to identify and analyze ground features faster and more efficiently. The software is used for infrastructure design and development, efficient management of natural resources, operational planning, and geospatial-intelligence reporting. Operators can record measurements, analyze terrain, create 3-D models with realistic geographic context, and monitor changes over time.

“First responders and deployed forces generally have about 30 minutes to build detailed GEOINT products such as topographic image maps and target charts,” said Rob Stout, geospatial exploitation product manager for BAE Systems in San Diego. “Integrating image and geospatial analysis into one comprehensive system reduces equipment, training, operating, and maintenance costs, making SOCET GXP extremely user-friendly.”

SOCET GXP v3.0 allows operators to automatically measure, annotate, catalog, and retrieve ground features in a series of images to expedite geospatial analysis. The software upgrade enables interoperability and collaboration among users and decision-makers at all levels and provides direct connectivity with other mapping software and databases to create, store, and share data. The information can be used to build maps, develop transportation infrastructure, manage utilities and communications networks, coordinate operational missions, and designate troop maneuvers.

The software currently is used on the frontlines in Iraq and Afghanistan, and systems integrators working on National Geospatial-Intelligence Agency programs are using it to produce GEOINT products. The U.S. Army has procured SOCET GXP for Army-wide implementation into its Imagery Workstation baseline for operational units, establishing the software as its primary GEOINT exploitation tool.

SOCET GXP v3.0 is available on Microsoft Windows and UNIX[®] Solaris[™] 8, 9, and 10 operating systems.

About BAE Systems

BAE Systems is the premier global defense and aerospace company delivering a full range of products and services for air, land and naval forces, as well as advanced electronics, information technology solutions and customer support services. With approximately 100,000 employees worldwide, BAE Systems' sales exceeded £15.7 billion (US \$31.4 billion) in 2007.

For further information, please contact:
Despina Froumis, BAE Systems
Tel: 858-675-2845 Mobile: 858-472-6958
despina.froumis@baesystems.com