

Joint Tactical Ground Station (JTAGS)

INVESTMENT COMPONENT

Modernization

Recapitalization

Maintenance



MISSION

Disseminates early-warning, alerting, and cueing information of ballistic missile attack and other infrared events to theater combatant commanders by using real-time, direct down-linked satellite data.

DESCRIPTION

Joint Tactical Ground Station (JTAGS) are forward-deployed, echelon-above-corps, transportable systems designed to receive, process, and disseminate direct down-linked infrared data from space-based sensors. Ongoing product improvement efforts will integrate JTAGS with the next-generation Space Based Infrared System (SBIRS) satellites. SBIRS sensors will significantly improve theater missile warning parameters. Expected improvements include higher quality cueing of active defense systems, decreased missile launch search area, faster initial report times, and improved impact ellipse prediction.

JTAGS processes satellite data and disseminates ballistic missile warning or special event messages

to warfighters in support of regional combatant commanders over multiple theater communication systems. Five JTAGS are deployed worldwide as part of the U.S. Strategic Command's Tactical Event System. The Army Space and Missile Defense Command Soldiers operate JTAGS, providing 24/7/365 support to theater operations.

SYSTEM INTERDEPENDENCIES

In this Publication
None

Other Major Interdependencies
U.S. Air Force's ACAT I, SBIRS satellite program

PROGRAM STATUS

- **1QFY12-3QFY12:** Complete fielding of JTAGS block upgrades including: commercial antenna systems, and information assurance
- **2QFY12-4QFY12:** Fielding of the Initial SBIRS Geosynchronous Orbit (GEO) satellite capability
- **3QFY12:** Begin new contract for support of Pre-Planned Product Improvement program; Includes full GEO satellite integration and de-shelter
- **4QFY12:** Initial SBIRS GEO certification for operational use

PROJECTED ACTIVITIES

- **1QFY12-4QFY13:** Software support, contractor logistics support, and depot operations continue

ACQUISITION PHASE

Technology Development	Engineering & Manufacturing Development	Production & Deployment	Operations & Support
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Joint Tactical Ground Station (JTACS)

FOREIGN MILITARY SALES

None

CONTRACTORS

Develop, Deploy, Sustain (CLS):

Northrop Grumman Electronic Systems
(Colorado Springs, CO)

SETA support:

BAE Systems (Huntsville, AL)

