BIT Systems, a CACI company, has long been a pioneer in developing methodologies for displaying and fusing multiple-intelligence (Multi-INT) data. Under the Fusion Analysis Development Effort (FADE) program, CACI developed the Multi-Intelligence Spatial Temporal (MIST) toolsuite, which detects patterns of life and anomalies within large volumes of geospatial data. When exposed, this tailored, time-sensitive information is a valuable asset for the mission planning and battlefield forensics needs of the Intelligence Community (IC) and the Department of Defense (DoD).

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Multi-Intelligence Spatial Temporal (MIST) toolsuite:

Features and Benefits

- Highlights patterns and enables anomaly detection
- Leverages powerful Activity Based Intelligence (ABI) and Object Based Production (OBP)
- Utilizes Government Off-the-Shelf (GOTS) applications and Open Geospatial Consortium (OGC) services to access data sources
- Provides IC solutions to big data problem sets
- Offers significant and relevant operational perspective for tools development
- Available on both high-side and the Secret Internet Protocol Router Network (SIPRNet)
- Brings a history of proven success supporting strategic, theater, and tactical customers across the IC and DoD

As an industry leader in the analysis, production, exploitation, collection, processing, and dissemination of geospatial data, CACI places vital information into the hands of our customers.

Under the FADE program, CACI developed the MIST toolsuite for a mission-critical IC program and it is available for free to anyone in the IC. To learn more about the IC program, contact Tom Hoffman at thoffman@caci.com.

MIST saves analysts’ time by helping to organize complex mission data into cohesive products. By overlaying hundreds of layers onto a map, analysts deliver, report, collaborate, and provide trending and pattern-of-life analysis using MIST’s powerful analytic tools.

MIST Highlights

- Web-based geospatial analysis tool capable of displaying data in 2 and 3 dimensions
- Provides near-real time situational awareness
- Powerful analytic tools allow users to visualize, categorize and animate hundreds of thousands of data points
- Uses Open Geospatial Consortium (OGC) standards to pull in data from OGC-compliant servers
- Web-based tool built on HTML5 specification

This screenshot shows MIST’s unique capability to view, analyze, and animate 3D datasets over time in a web browser.