



Domestic Mobile Integrated Geospatial-Intelligence System

The National Geospatial-Intelligence Agency (NGA) Domestic Mobile Integrated Geospatial-Intelligence System, or DMIGS, is a mobile, self-contained unit that provides geospatial intelligence (GEOINT) support to U.S. lead federal agencies responding to federal, state and local governments in times of domestic crises, natural disasters or special events.

Mission

Using the latest NGA technologies, the DMIGS platform provides multi-faceted, on-demand GEOINT support directly to on-site first responders and national and state policymakers to meet a variety of domestic needs and requirements.

The DMIGS fleet consists of two, 44-foot long vehicles plus a support vehicle that integrates GEOINT hardware and software with a robust communication system enabling NGA to deploy up to six analysts in support of operational requirements. The fleet is managed and maintained by NGA's Military Support Directorate, Office of Expeditionary Operations.

The DMIGS mission mainly supports the following agencies:

- The Department of Homeland Security
- The Federal Emergency Management Agency
- The Federal Bureau of Investigation
- The United States Northern Command

This support includes operations in the areas of:

- Rescue and recovery operations
- Planning security and executive protection
- Natural disaster relief
- Special event planning

The first DMIGS vehicle became operational in August 2006, with the second vehicle coming online in April 2009. To date, the fleet has provided significant support to numerous special and political events, including the presidential inauguration of 2008, as well as U.S. natural disasters recovery operations, including most recently tornadoes in the South, Midwest flooding and Hurricane Irene – all occurring in 2011.



The National Geospatial-Intelligence Agency's Domestic Mobile Integrated Geospatial-Intelligence vehicle. (NGA photo)





Key Features

Key features of the vehicles include:

- Fire-apparatus chassis
- Self-sustainment with power derived from onboard generators
- Data and voice links via a 2.4-meter roof-mounted satellite dish antenna
- Printers and plotters that allow product delivery in either hardcopy or softcopy format
- Fully integrated cooling for equipment and analyst areas
- Integrated GPS receiver
- Equipped to receive geospatial data from multiple sources, including air-based sensors and satellites
- Available access to and storage on multiple networks
- Two slide-out rooms to support six analyst positions
- Conference space with a large screen video monitor and SMART Board
- High-definition DirectTV dish with three independent receivers feeding conference space, security station and analyst positions
- Customized chase vehicle to offer additional support to mission and personnel

About NGA...

As a Department of Defense combat support agency and a member of the U.S. Intelligence Community, NGA provides geospatial intelligence, or GEOINT, in support of U.S. national security and defense, as well as humanitarian assistance and disaster relief. GEOINT is the exploitation of imagery, imagery intelligence and geospatial data to describe, assess and depict features and activities and their location on the Earth.

Approximately two-thirds of the NGA workforce is assigned to NGA Campus East, and approximately one-third is assigned to the two St. Louis facilities. In addition, NGA professionals are continuously deployed to worldwide locations providing intelligence expertise in support of national defense objectives.

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