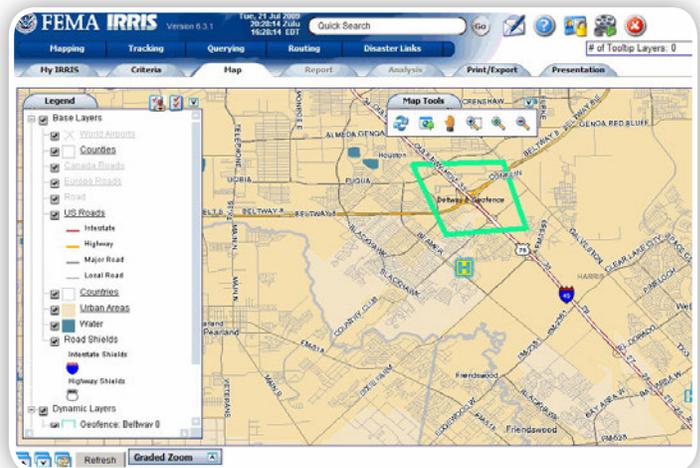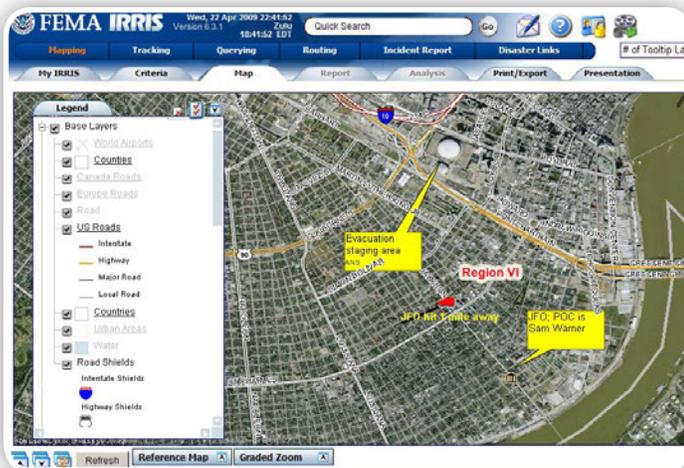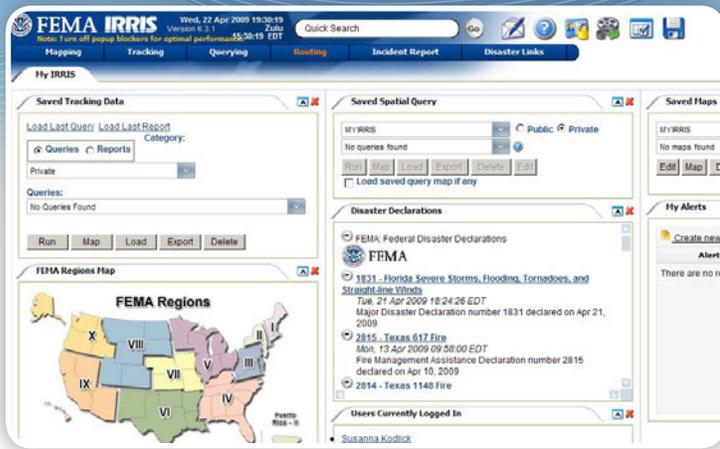IRRIS technology has been customized to support the Federal Emergency Management Agency (FEMA) in its mission to assist and serve disaster survivors and communities and to act as the Federal Response Coordinator.

During disasters and daily operations, IRRIS Web-mapping technology provides a common operation picture (COP) of situational awareness to support logistical and supply chain operations, commodity and asset satellite tracking, transportation security, data integration, incident management, and information sharing and collaboration between other federal agencies, emergency support functions (ESFs), and emergency management stakeholders. The capabilities in IRRIS support efforts to provide a strong, adaptable, flexible, and efficient national emergency management system. IRRIS empowers decision makers with the visibility, analysis, and reporting tools to make more-informed decisions that help to secure and engender the public's confidence and trust.

Disaster Logistics (logistical and supply chain operations):

Using FEMA-IRRIS, FEMA tracks the in-transit location of truckloads of commodities and assets as they are distributed along the operational supply chain from the supplier to the disaster victim and points of distribution. FEMA-IRRIS works for the Logistics Management Directorate and other FEMA components to meet their mission-critical responsibilities to disaster survivors, emergency responders, government leaders, and decisions makers, within FEMA's headquarters and operations centers. FEMA-IRRIS provides the mapping and reporting of a situation as it happens, ensuring improved logistics operations and customer support.

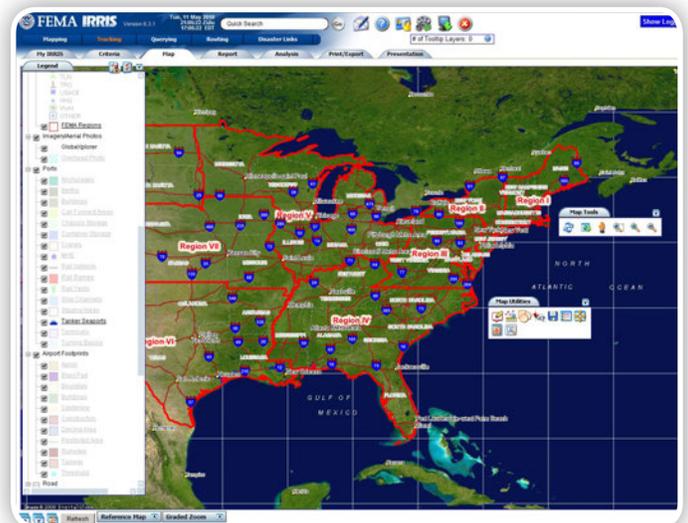## Asset Tracking (commodity and asset satellite tracking):

FEMA-IRRIS provides In-Transit Visibility (ITV) of commodities and assets that are shipped through all 10 FEMA regions. Every truck, trailer, container, or pallet tagged with a reporting sensor or mobile phone can be viewed and identified on a FEMA-IRRIS Web map as it communicates its location. ITV is a part of the overall Total Asset Visibility (TAV) capability that allows an agency to know where all its goods are located at all times.

Data Integration/Interagency Collaboration:

FEMA-IRRIS serves as a COP to share situational awareness among different agencies and levels of government. The technology works by building business intelligence and analytical functions on top of industry standard geographic information system (GIS) platforms. FEMA-IRRIS integrates and displays hundreds of worldwide datasets, live-vehicle tracking, near-real-time weather, and current infrastructure data on FEMA operational locations in an on-screen, Web-map format.

Incident Management (optional portal):

FEMA-IRRIS allows users to view and enter incidents in the common Web portal, including uploading Incident Command System (ICS) documents and associating maps with response status.

GeoDecisions is an information technology company specializing in geospatial solutions. We deliver strategic GIS and IT solutions and applications to empower government, military, transportation, and private/commercial clients to make smarter, more-informed decisions.

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