



Infrastructure Visualization for Domestic Response



Homeland
Security

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Infrastructure Geospatial Production

Putting Data to Work to Enable the Homeland Security Mission



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Geospatial Production

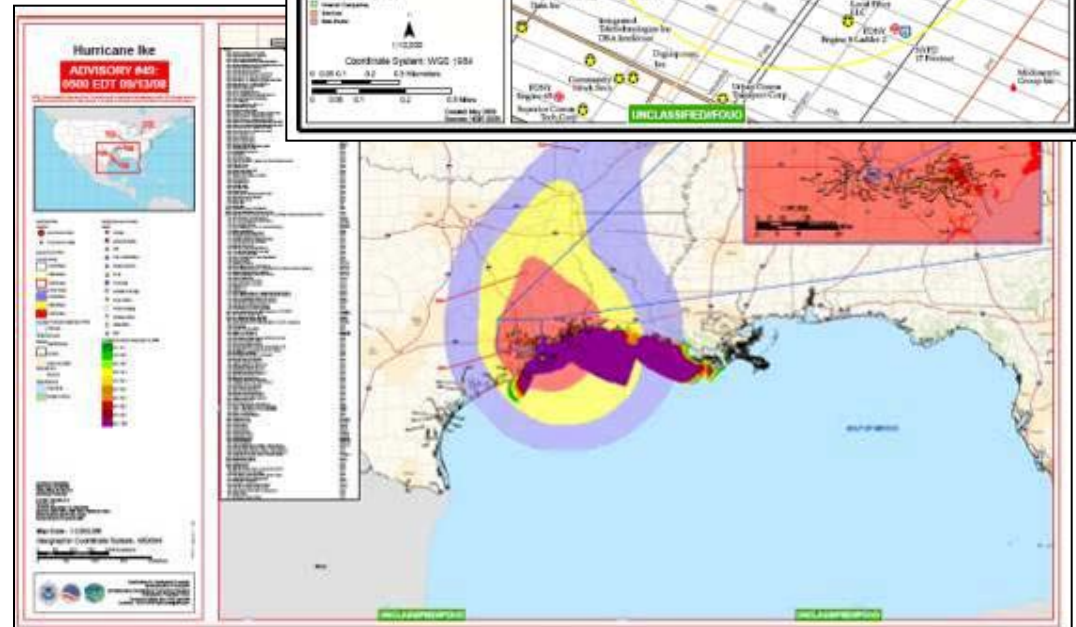
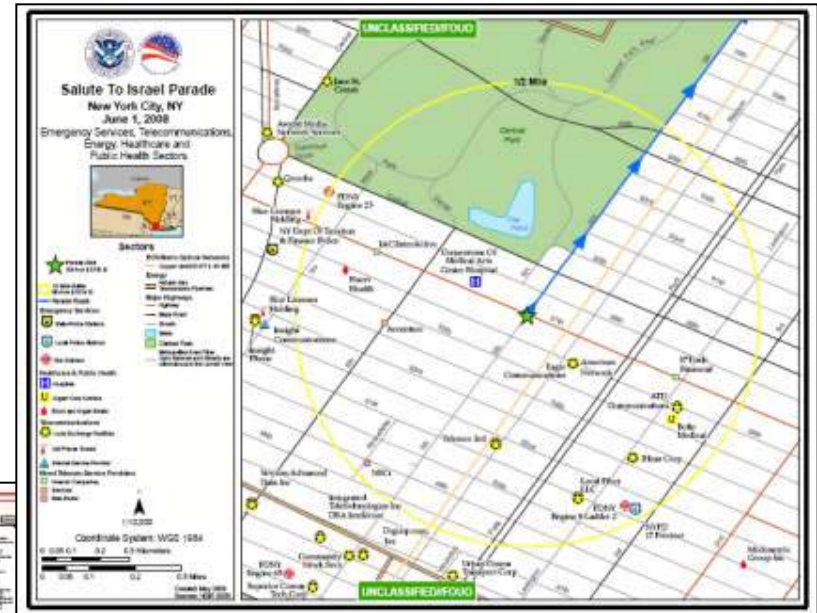
- Established in response to 2007 wildfires in Southern California
- Support three general types of events:
 - Terrorist Attacks
 - Natural Disaster
 - 2007: Hurricane Hanna, Tropical Storms Dean and Erin, California Wildfires
 - 2008: Hurricanes Ike and Gustav
 - Over 150 individual CIKR situational awareness products produced
 - Steady State
 - NSSE's/Special Events: Super Bowl, UN General Assembly, RNC/DNC
 - Specialized Products: Bomb Squad Maps, Nuclear Plant IOC Maps



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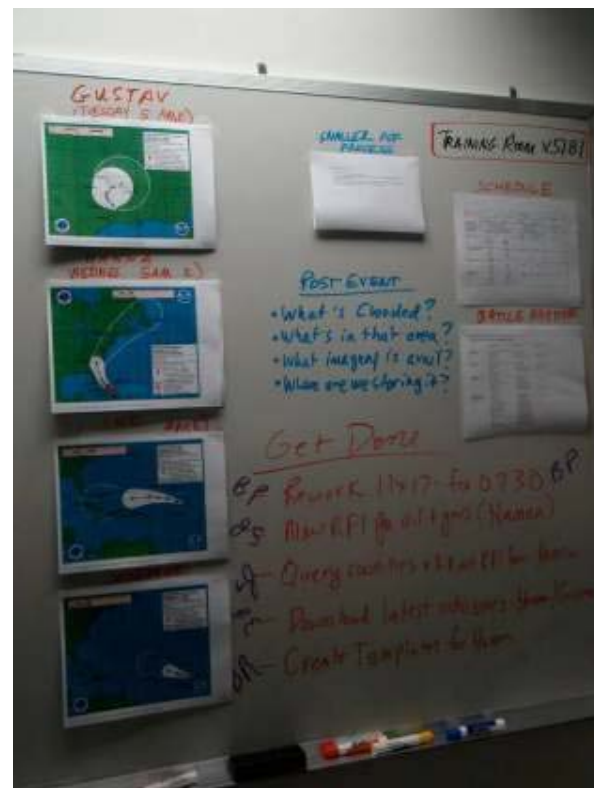
Geospatial Production Overview

- Provides tailored, requirement- and incident-specific mapping and imagery support:
- Provides event-driven situational awareness and steady state mapping for:
 - The President
 - DHS Secretary, Under Secretary, ASIP
 - State Governors
 - PSA's/ILO's
 - NICC
 - Private sector
 - State/Local Government
 - First Responders
 - USCG
 - USSS



Emergency Production

- Focus on Critical Infrastructure and Key Resources (CIKR)
 - National-level CIKR list is maintained by IP, updated for incidents based on the geographic scale of incident impacts
- Incidents of national significance
 - Natural, manmade, or technological hazards that produce catastrophic losses in terms of
 - Human casualties
 - Property destruction
 - Economic effects
 - Public morale and confidence
- Emergency response
 - Requirements driven production
 - Surge support
- Increasing interagency coordination on production efforts with National Geospatial-Intelligence Agency (NGA), Department of Defense (DoD), U.S. Army Corps of Engineers (USACE)



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Product Formats

- Map Templates

- 8.5"x11"
- 11"x17"
- Wall Maps
- Map books
- PDF, KML, other electronic formats

- Standard Layer Files

- Based on the 18 CIKR sectors outlined in the IP Infrastructure Taxonomy
- Standard:
 - Symbols
 - Label properties

- Standard Datasets

- HSIP
- EPA Risk Mgmt Program
- Tier 1 & Tier 2 datasets



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