FASTMap

OVERVIEW
The National Infrastructure Simulation and Analysis Center’s (NISAC’s) FASTMap is a web- and tablet-based mapping application that browses national infrastructure and emergency resources data and can be configured to display results from independent models generating geospatial and/or temporal output. It generates maps and reports of assets at risk within any area of disruption or any analysis area. FASTMap uses the National Geospatial Intelligence Agency’s HSIP Gold national infrastructure database and provides immediate data access through a fully symbolized, publication quality, interactive mapping interface available to browsers and mobile tablets alike.

CHARACTERISTICS
- Seamless nationwide infrastructure data.
- Secure password-protected access worldwide.
- Infrastructure and assets display within an interactive map.
- Automated report function lists assets and asset statistics within specified damage or analysis areas.
- Includes NISAC REAcct and Dependency analysis capabilities.
- Field-based access for first responders via mobile platforms (iOS and Android).
- Instant broadcast of dynamic maps and collaborative exchange for an unlimited number of users monitoring an unlimited number of discrete channels.

APPLICATIONS
- Supported most NISAC formal analytical studies and fast-response requests since 2005.
- Analyses supported include hurricanes, flooding, earthquakes, wildland fires, planning scenarios, and exercise scenarios.

QUESTIONS ADDRESSED
Given an event that will impact infrastructure sectors and or populations within the United States, FASTMap is used to answer the following types of questions:
- What assets are located within a specified area?
  - How many assets of a specified type are in the area?
  - What is the total capacity of those assets?
- Where is a particular asset located, and what are its attributes?

ABOUT OCIA
The Department of Homeland Security, National Protection and Programs Directorate’s (NPPD) Office of Cyber and Infrastructure Analysis (OCIA) manages NISAC, which is a Congressionally mandated center of excellence in modeling, simulation, and analysis of critical infrastructure.

CONTACTS
Office of Cyber and Infrastructure Analysis
National Protection and Programs Directorate

For more information, contact OCIA@hq.dhs.gov or visit our website: www.dhs.gov/office-cyber-infrastructure-analysis.

*Some sectors also include Canada, Mexico, or worldwide coverage