



**National
Infrastructure
Simulation &
Analysis Center**

**National Imagery and Mapping Agency
Geospatial Intelligence and Critical Infrastructure**

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NIMA - Homeland Security Support for NISAC

NIMA supports the NISAC by acting as a data provider and broker for data. NIMA's imagery, high resolution elevation data and infrastructure data provides the foundation for NISAC analysis and assessments of our nation's infrastructure.

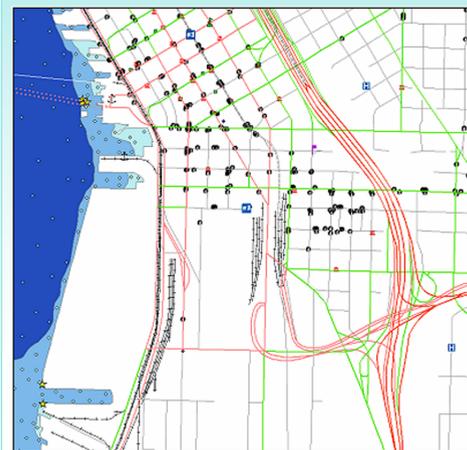
- USGS Color Imagery
- One-foot resolution
- Collection plan against 133 Priority Urban Areas



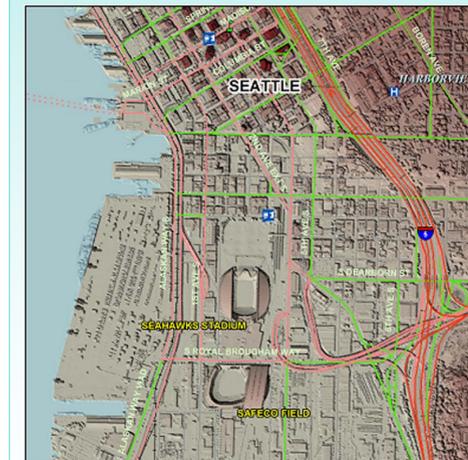
- LIDAR
- One meter resolution of elevation
- Introduces a high resolution third dimension over large areas



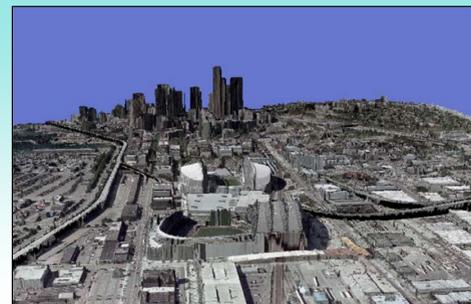
- Infrastructure Data
- Detailed information, fully attributed
- Enhances or creates new analysis
 - Ability to add a spatial component to different forms of data – resulting in enhanced analysis



- Integration of Data
- Common reference
- Creates a "Common Operational Picture" of the issue
 - Having this Common Operational Picture of the mission space is a key to Situational Awareness, Consequence Management and Response & Recovery and Information Sharing
 - Partnerships are key to building the data foundation



- Three-dimensional view of data
- Enhances analysis of data
 - vulnerability assessments
 - force protection



NIMA - Homeland Security Division



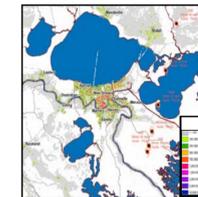
Infrastructure Analysis Branch

- All National Infrastructures
- Borders
- Nodal Visualization
- Interdependency Analysis



Domestic Operations Branch

- NSSEs
- INS Monitoring Initiative
- Domestic Threats/DOCEX
- Integration/Analysis of Threats



Readiness, Response & Recovery Branch

- Natural and terrorist disaster support
- International disaster support
- FEMA region analysis/focus
- Support to civil authorities



Data Integration Branch

- HSIP Data population/integration
- Commercial data eval/acquisition
- Managing geocoding process for cities

Transportation Security Branch

- Transportation nodal visualization and interdependency analysis
- Port studies
- TSA support

Defense & Exercises Branch

- HS-related exercises & experiments
- Service requirements
- JFCOM-NORTHCOM requirements