



National Infrastructure Simulation & Analysis Center

Supporting America's Critical Infrastructure Protection Programs

Chartered by Congress to "serve as a source of national competence to address critical infrastructure protection and continuity through support for activities related to counterterrorism, threat assessment, and risk mitigation."

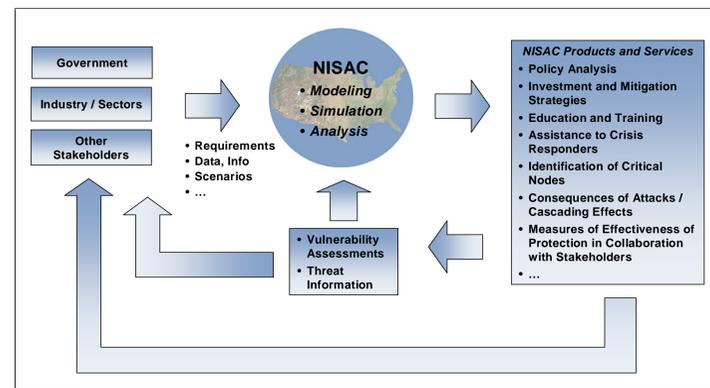
Mission:

Provide fundamentally new modeling and simulation capabilities for the analysis of critical infrastructures, their interdependencies, vulnerabilities, and complexities

These advanced capabilities will help improve the robustness of our nation's critical infrastructures by aiding decision makers in the areas of policy analysis, investment and mitigation planning, education and training, and near real-time assistance to crisis response organizations



Scope

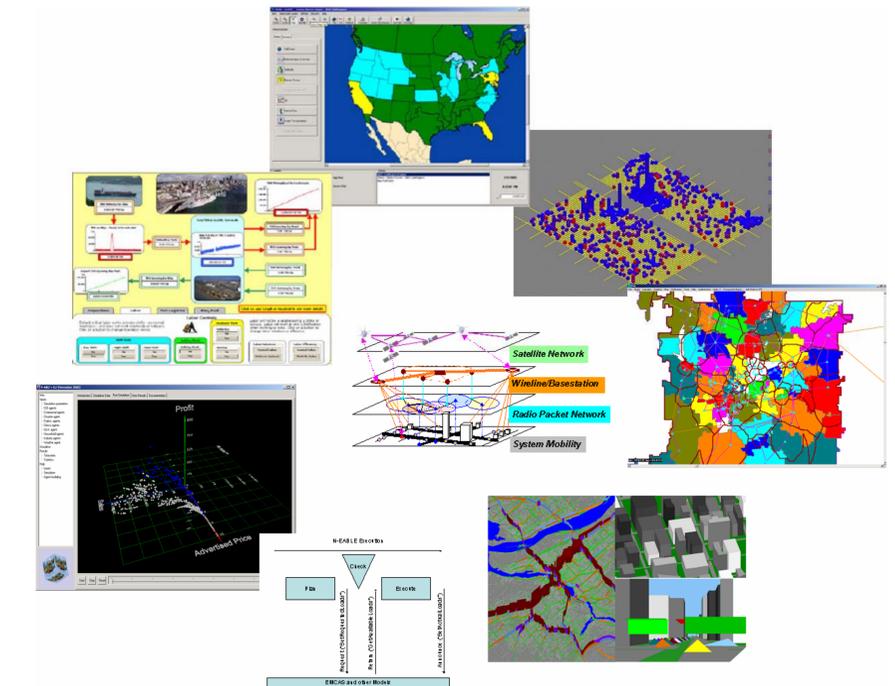


NISAC will serve a variety of stakeholders within the nation's critical infrastructure protection efforts

Unique Capabilities of NISAC

- Demonstrated capability in addressing infrastructure interdependency issues and complexities
- Knowledge of high performance computing software and operations
- Existing, extensive suite of infrastructure models previously developed under funding from a number of sponsors

Simulation and Analysis of Infrastructure Interdependencies and Their Consequences



Modeling and simulation can be used to identify chains of interdependencies, arising from pervasive interconnections, which might create unexpected vulnerabilities or robustness