



**Homeland
Security**

S&T Stakeholders Conference

“Buildings”

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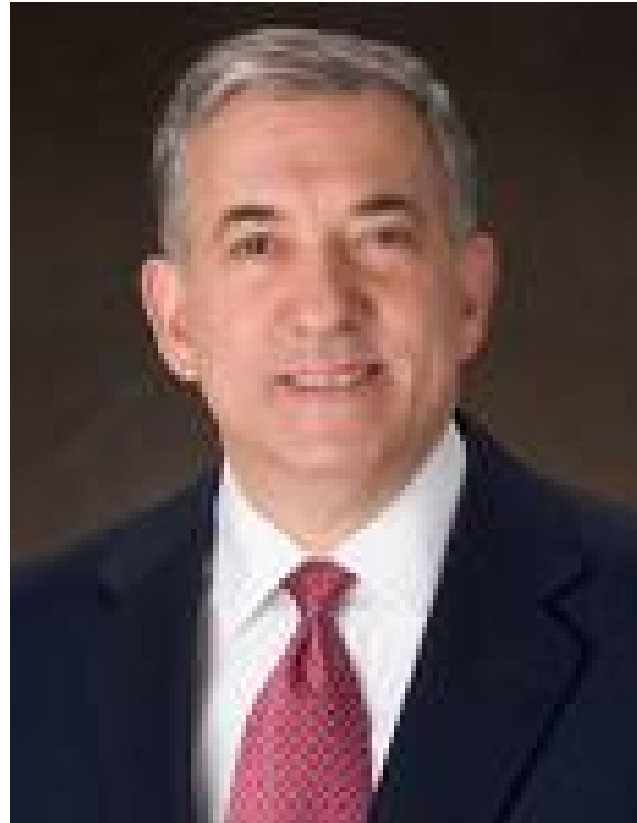


June 2-5, 2008

PARTNERING FOR A SAFER NATION

“the six Bs”

- ▶ Borders
- ▶ Bombs
- ▶ Bugs
- ▶ Business
- ▶ Bodies
- ▶ **Buildings**



What is meant by “Buildings?”

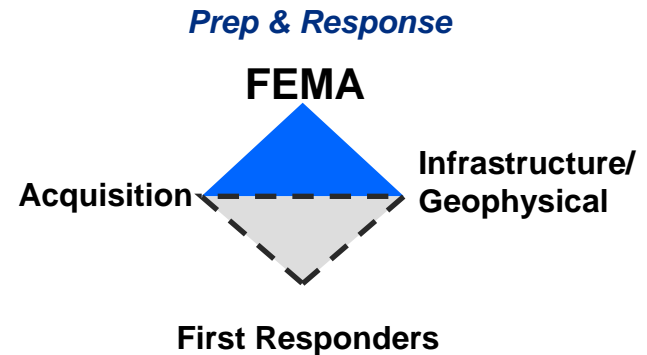
- ▶ Infrastructure Protection
- ▶ Preparedness & Response
- ▶ Geophysical



The IGD approach

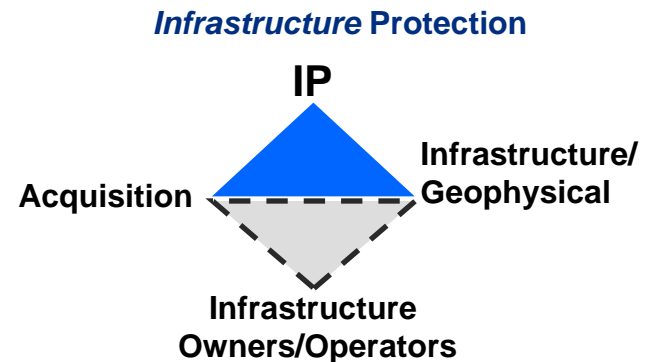
▶ Customer driven

- Office of Infrastructure Protection (IP)
- Federal Emergency Management Agency (FEMA)



▶ User oriented

- Infrastructure owners and operators
- First responders and emergency managers



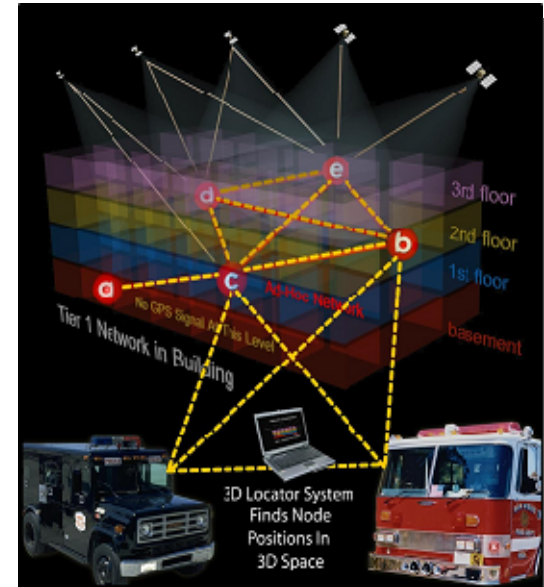
Infrastructure Protection

- ▶ Interdependencies and cascading consequences
- ▶ Blast analysis and protection
- ▶ Advance surveillance
- ▶ Rapid mitigation and recovery
- ▶ Critical utility components
- ▶ Community based critical infrastructure protection institute



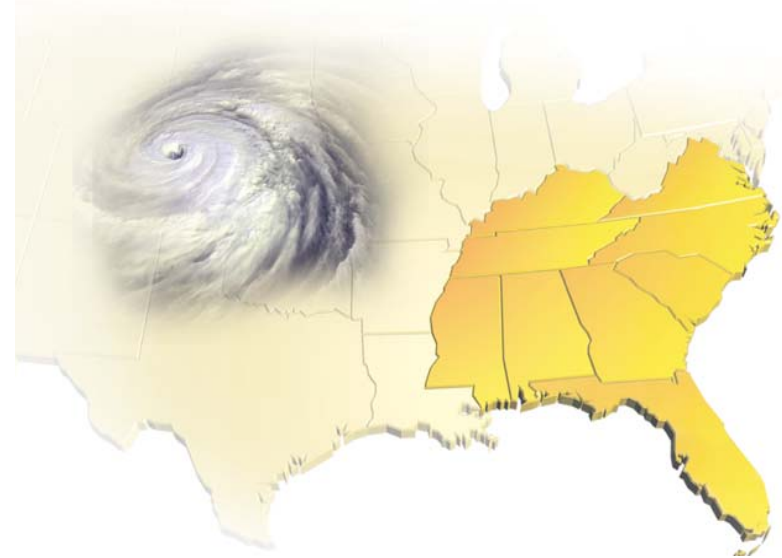
Preparedness & Response

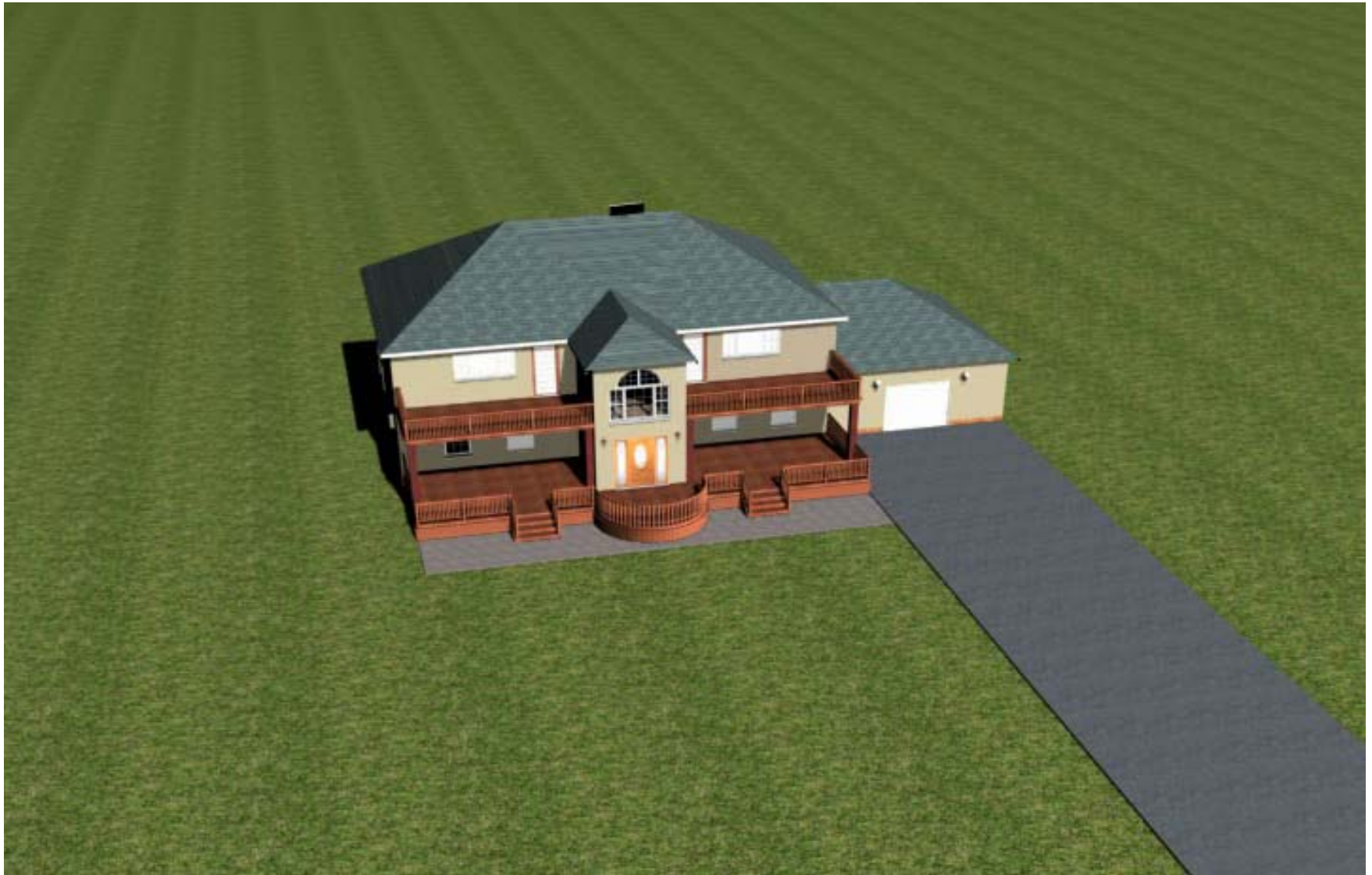
- ▶ Integrated modeling, mapping, and simulation
- ▶ Personnel Monitoring
- ▶ Incident management enterprise system
- ▶ Logistics management tool



Geophysical

- ▶ Southeast Region Research Initiative (SERRI)
- ▶ Hurricane Mitigation
- ▶ Secure Against Fires and Embers (SAFE)





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