Resilience Roundtable
Designing and Building 22nd Century Infrastructure
Owners Perspectives on Enduring Infrastructure

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PLANNING FOR

“NOT KNOWING WHAT WE DON’T KNOW”
Generations

Resilient
≠
Sustainable
≠
Enduring
≠
Mission
FACTORS IMPACTING DESIGN

• Mission First
• Customer Requirements
• Resiliency/Security
• Innovation
MISSION FIRST

- “Form” must follow function
- Flexibility/adaptability to support shifts in mission
- What does the military base of the future look like?
  - Move to cyber warfare/electronic weapons/etc impacting space and capabilities requirements.
CUSTOMER REQUIREMENTS

• Evolving expectations of the workspace
  • Private offices to “bullpens” to hoteling to telework
• Changing demographics drive decisions of siting, amenities, etc
• Customer convenience often runs counter to security/sustainability requirements
RESILIENCY/SECURITY

• What does infrastructure security mean?
  • Post 9/11 vs. now vs. future…e.g. physical stand off and barriers

• Lessons Learned Post Katrina/Sandy
  • What assets are indeed critical
  • No longer can depend on quick government response

• Islands of Refuge
  • Role of “resilient” infrastructure in recovery effort
• What do the “guts” of the building of the future look like?
  • Copper wire — coax — fiber optic — wireless
• How long before data centers are obsolete?
• Does the accelerating pace of innovation suggest that “enduring” is not beneficial…or maybe not even desirable
Questions?

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