



# DHS Risk Management and Enterprise Datacenter Consolidation

DHS OCIO ITSO



Homeland  
Security

# What is Risk Management to Me?

## What is Risk Management to DHS HQ CISO?

- Complexity is the Arch enemy of Security
  - This includes everything. Processes, systems, infrastructures, security models, etc...*
- There are a myriad of models in a myriad of disciplines
  - At the end of the day, most boil down to: Risk= Probability X Impact.
- Centralized vs. Decentralized Age Old Argument
  - From a Risk Perspective:
    - Decentralized = High Probability/Moderate Impact
    - Centralized = Low Probability/High Impact
- We have (appropriately) come back to Centralization/Consolidation
  - Cost Benefits (Economies of Scale)
  - Manageability = Security



# Consolidations = Simplification

- **OneNet (Enterprise Backbone- Ties the Department together)**
- **Enterprise Datacenter Consolidation (Fosters Cloudy capabilities)**
  - E-mail as a Service
  - Blade Technology/Virtualization
  - What else? Anything. Eventually Desktop as a Service
  - “X” as a Service
- **OMB Trusted Internet Connection (Enterprise Internet Connection)**
  - Extranet
  - DMZ
  - Remote Access
- **Benefits: Cost, Security and Simplicity (By rate of comparison)**





# Homeland Security