COVITS 2012
Big Data Panel

Steve Marzolf, VITA ISP Director

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Big Data in Government

- Governments are "enormous data generation engines"
- Supports better decision making by analyzing large, complex data sources
- Potential cost savings in administrative efficiency
- Must define rational, defensible reason for pursuing
- Must be part of formal EA program

EA of Big Data

- Data governance still critically important
- Must consider:
  - public/private partnerships
  - management as information asset
  - source of data must be evaluated, classified, inventoried and secured
  - data generated from the analytics of the big data
  - records management and retention requirements

Public Sector Applications

- Traffic Management
- Health Care
- Environmental Study
- Computer Security
- Law Enforcement
  - Crime Analysis
  - Fusion Center Analysis
- Geospatial Analysis

Final Thoughts

- Beware of the hype
- Decision to implement must start with a strong business case
- Must have a mature data management discipline within an EA program
- Big Data can lead to Big Data Silos
- Analytics only as good as the quality of data used
- Should not be a solution in search of a problem

Questions