Introduction: Winning Hearts and Minds

Getting Government to Adopt Information Technology to Support Operational Goals
The Potential Benefits

• Net-Centric Operations requires new technology (service oriented architecture) and new approaches (e.g. security)

• Potential for global cost and time savings

• Core capabilities for information sharing

• Sophisticated value added capabilities in commercial products: configure, don’t code

• Existing COTS technology will meet at least 95% of identified needs. (I assert)

• What else?
The Impediments

• Don’t want to share information
• Don’t understand the technology
• Requires different contracting, interactions
• Requires cultural change to contract, manage and use
• What else?
What are the conditions for successful Government implementation of modern IT to support operations?

• What efforts have been successful, to what extent?
• Where have these efforts happened?
• What conditions help it to happen? (leadership, dire need . . .)
• What actions that we can take help it to happen?
BACKUP CHARTS
Information Systems Evolution

Responsiveness Requirements

Leadership

Value Net

Bureaucracy

Quality Improvement

Total Quality

Reengineering

Balanced Scorecard

Supply Chain Integration

Value Nets

Cross-Enterprise Architecture

Enterprise Architecture

Stovepipe mega-apps (ERP)

Stand-alone tools

Mainframe apps

1975-2004

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Information Systems Evolution

- Responsiveness Requirements
- Bureaucracy
- Total Quality
- Quality Improvement
- Cross-agency collaboration
- Supply Chain Integration
- EAI
- SOA
- CORBA
- RDBMS
- Stovepipe mega-apps (ERP)
- Stand-alone tools
- Cross-agency collaboration
- NCOW
- Enterprise Architecture
- GPRA
- E-gov (agencies)

1975-2004