**US Naval Open Systems Architecture Strategy**

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Agenda

• System Challenges
• Open Systems Architecture (OSA) Attributes
• Open Business Attributes
• Standards & Technologies
• Creating Success
System Challenges

- Proprietary Ad-hoc Designs
- Testing Issues
- Poor Reliability
- Late Deliveries
- Poor Performance
- Difficult To Update
- High Life Cycle Costs
• Design Disclosure
• Well Defined, Published Interfaces
• Open Standards, Technology & Tools
• COTS Hardware
• Design Reuse
• Assert Data Rights
• Open Infrastructure
Open Business Attributes

- A Marketplace Environment
- Competition
- Low Barriers To Entry
- Uniform Evaluation Criteria
- Property Rights And Protections
- Trust Between Participants
- Governance
Using Standards Reduces Risk and Encourages Innovation
Leverage a consistent message to Industry

Reduce your risk in contracting:
- Statement of Work
- Deliverables
- Instructions to offerors and grading criteria

Understand what to look for to get OSA products

Leverage Data Rights for the life cycle

Capture OSA Best Practices for each program
- Early and often design disclosure
- Break vendor lock
- Peer reviews for technology evaluation
- Minimize duplication / maximize Enterprise value

https://acc.dau.mil/OSAGuidebook
Vulnerator - Retina IAC Mappings

These are csv files that map retina findings ID's to IA Controls. They can be referenced with the Vulnerator to add the IA Controls to the report. Column 1 is the finding ID (retina RTH number), and Column 2 is the IA Control text.

JCSFL:
Mission area/domain: Enterprise Information Environment/Information Assurance
DoD Component: Navy
License type: DoD Community Source

Computing environment

Product implementations

No product implementations provided.

Item information

Program/Project: Thinking Compliance
Created date: July, 2010
First in-service date: July, 2010
Current revision: 1
Maturity:

Statistics
Forge.mil downloads 3980
Creating Success

• Assert Data Rights
• Break Vendor Lock
• Separate Integrators From Application Developers
• Reuse Successful Designs
• Create Level Playing Field
• Reward Good Behavior
• Require Accountability
Summary

• Break Up Stovepiped Legacy Systems
• Use Common Architectural Frameworks
• Replace Proprietary Designs
• Use An Open Business Model With OSA
• Compete for Best Acquisition Performance