



Naval Open Architecture

AIR



C4I



SPACE



SUBS



SURFACE



MARINES



26 January 2011

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Important Concepts

- Competition and Innovation



- Rapidly Fielding and Upgrading Systems



- Software and Hardware Design Reuse





Today's Challenge - Creating Competitive Situations

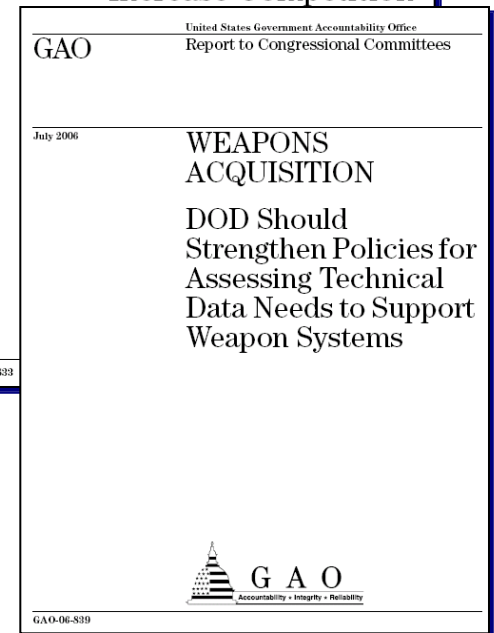
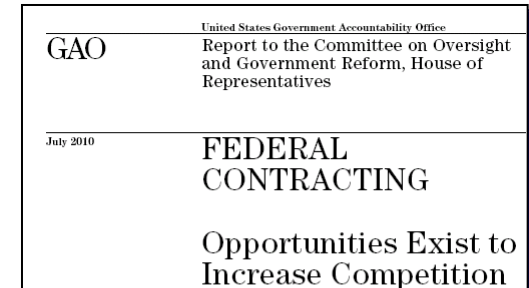
- + Acquiring Data to Support Competition
- + Open Business Practices
- + Open Technical Architectures

= Competition Across the Life Cycle

- 60% Of DOD Contracts Unable To Compete

Asserting Data Rights Is Critical

- Avoid/escape vendor-lock
- Throughout the life cycle



Healthy competition is the lifeblood of commerce –it increases access to efficiencies and innovations



Open Architecture Defined

Naval Open Architecture:

- ***Business practices***
- ***Technical practices***

Produce Systems:

- ***Based on open standards***
- ***Published interfaces***

OA CORE PRINCIPLES

Modular designs and disclosure

Reusable application software

Interoperable applications

Life cycle affordability

Competition and collaboration

Source: OPNAV Itr Ser N6N7/5U916276 dtd 23 Dec 05



OSD's Initiative To Improve Buying Power

Five areas for Improvement:

- *Target Affordability and Control Cost Growth*
- *Incentivize Productivity and Innovation in Industry*
- *Promote Real Competition*
- *Improve Performance in Services Acquisition*
- *Reduce Non-Productive Processes and Bureaucracy*

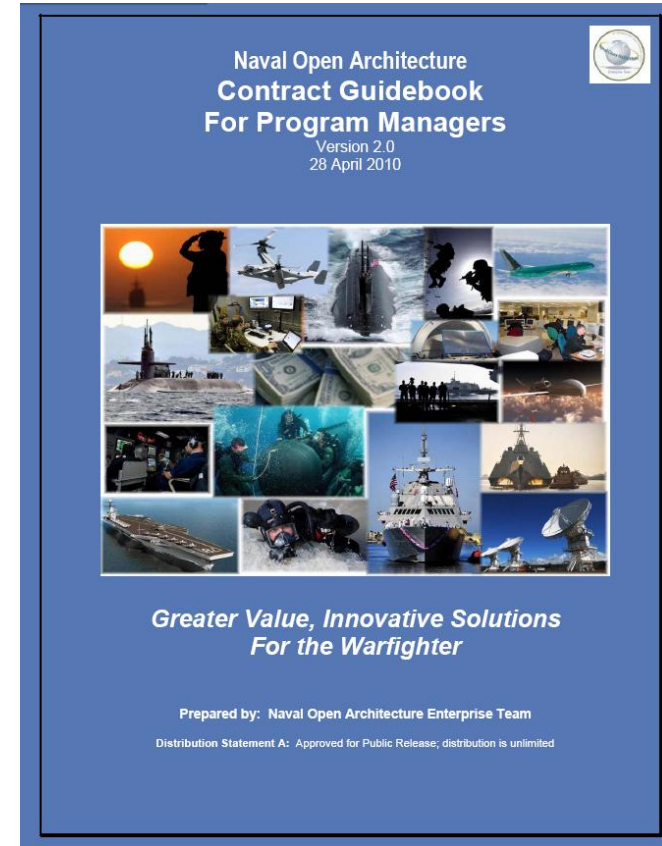


*Ashton Carter, Under Secretary of Defense for Acquisition, Technology & Logistics,
September 14, 2010*



The Naval OA Enterprise Team Supports OSD's Initiative

- Competition
 - Require Open Systems Architecture
 - Set Rules For Data Rights
 - Business Case Analysis At MS B
- Expand Efforts Across DoD
 - Incorporation of OA at MS reviews
 - OSD Business Case Template
- Use Navy OA Contract Guidebook





Data Rights Quick Guide

Better Buying Power:
Understanding and Leveraging
Intellectual Property Rights in
DoD Acquisitions



*Prepared by the
Department of Defense Open Architecture Team*

- Guidance on intellectual property (IP) rights
- Better understanding across DoD
- Status:
 - DoD OA Team Developed
 - IP Council Community Review Complete
 - OSD Review in Progress



Today's Challenge: Buying the Same Thing Over and Over

The Enterprise Must Work Together as a Team to Improve



- Government To Government – Reuse Must Become SOP
- Government to Business – Change Our Relationship
- Technical Underpinnings For Success

**How Do We Get
There?**



Better Buying Power Means Win-Win

- Competition Lowers Prices
- Smaller Contracts Reduce Program Risk
- Business Architecture Mirrors Programs
- Small Business Thrives In Competitive Situations
- Transparency Exposes Redundancy
- Government Establishes Desired Market Behavior