



DoD Architecture and Standards Governance

NDIA Systems Engineering Conference

John P. Skudlarek, CISSP

October 29, 2009

Enterprise Architecture & Standards Directorate
Office of the DoD Deputy Chief Information Officer

Creating an Information Advantage



The GIG 2.0 High Level Operational Concept Graphic

**Information Environment
Optimized for the Warfighter
Facilitates Force Integration**

**Information & Services
"From the Edge"**

**Global Authentication,
Access Control,
& Directory Services**

GIG 2.0

**Joint
Infrastructure**

**Agility & Versatility of
the Information Environment
Supports Operational Reach &
Synergy of the Force**

Tactical Edge



**Delivers the Information
Advantage that ensures
Freedom of Action**

Unity of Command

Requirements
Resources

**Common Policies
& Standards**



**DoD, CJCS
& Services**

**Access to Required Information
Anytime & Anywhere creates Faster
Decision Cycles**

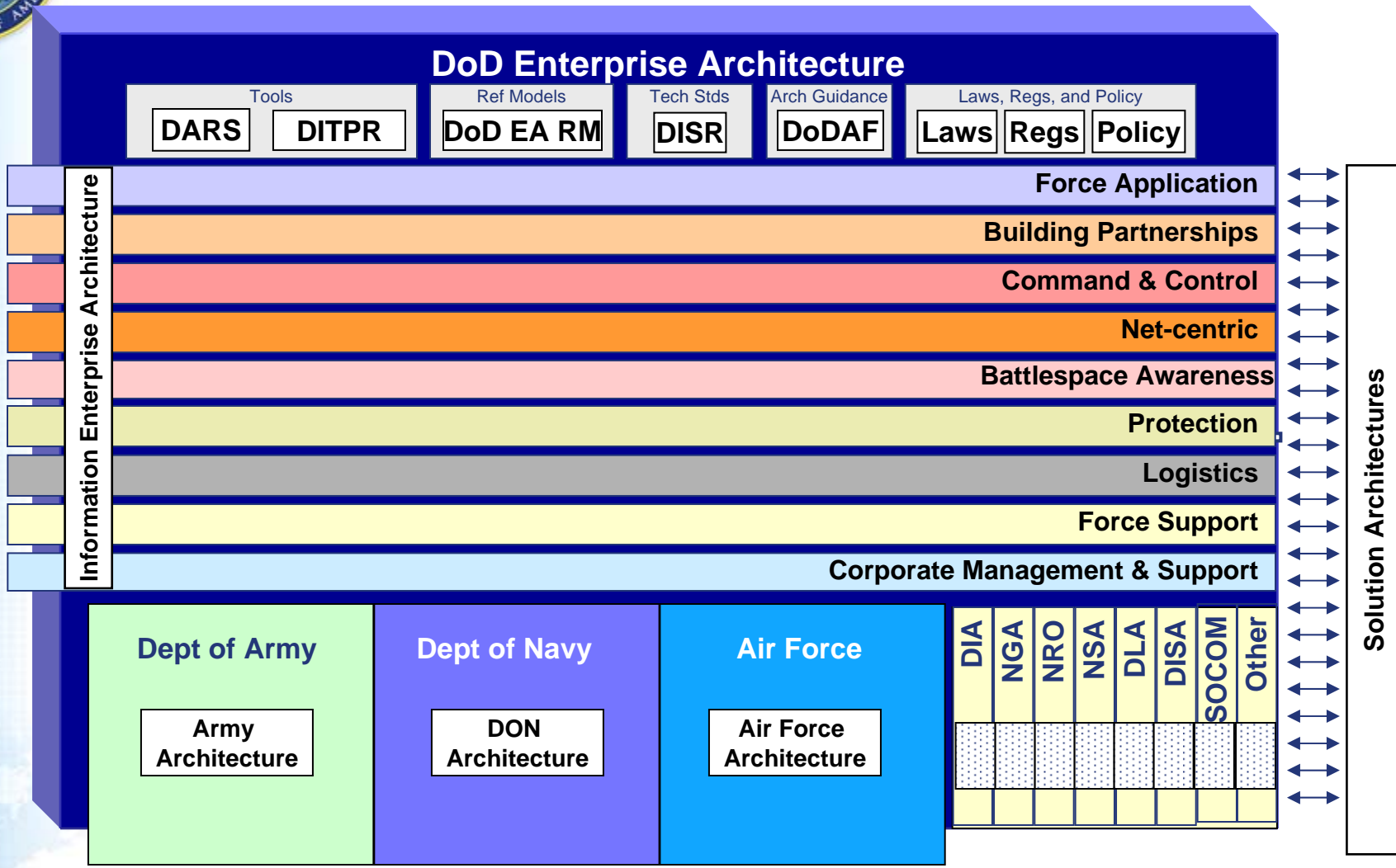
UCP

Warfighter Focused



DoD Architecture Federation

DEPARTMENT OF DEFENSE
CHIEF INFORMATION OFFICER



DOD CIO Governance Restructure Memo- Signed 8/11/09



DEPARTMENT OF DEFENSE
CHIEF INFORMATION OFFICER



DEPARTMENT OF DEFENSE
6000 DEFENSE PENTAGON
WASHINGTON, DC 20301-6000

AUG 11 2009

CHIEF INFORMATION OFFICER

MEMORANDUM FOR CHAIRMAN OF THE JOINT CHIEFS OF STAFF
UNDER SECRETARIES OF DEFENSE
GENERAL COUNSEL OF THE DEPARTMENT OF
DEFENSE
DIRECTOR, ADMINISTRATION AND MANAGEMENT
DIRECTOR, PROGRAM ANALYSIS AND EVALUATION
DIRECTORS OF THE DEFENSE AGENCIES
CHIEF INFORMATION OFFICER, U.S. STRATEGIC
COMMAND
CHIEF INFORMATION OFFICER, U.S. JOINT FORCES
COMMAND
DIRECTOR OF NATIONAL INTELLIGENCE CHIEF
INFORMATION OFFICER
CHIEF INFORMATION OFFICERS OF THE MILITARY
DEPARTMENTS

SUBJECT: DoD CIO Governance Board Restructure Implementation

With the support of your staffs, this office has completed an effort to streamline the DoD Information Management/Information Technology governance structure to reduce duplicative or unneeded governing bodies, and to leverage tiered accountability and delegate authority wherever possible. The attached document provides this new structure, composed of forums within the authorities of the DoD Chief Information Officer (CIO) via DoD Directive 5144.01. This new structure provides for better oversight of the development, review and endorsement of initiatives; empowerment of lower forums; and strengthening of the decision-making and advisory processes between and among the DoD CIO and the DoD CIO community.

Implementation of this new governance structure is effective immediately. Points of contact are Ellen Law (ellen.law@osd.mil; 703-699-0118) and Ron Alsbrooks (Ronald.alsbrooks.ctr@osd.mil; 703-699-0101).

David M. Wennergren
Performing the Duties of the
ASD(NII)/ DoD CIO

Attachment:
CIO Governance Board Restructure



Creating an Information Advantage



EXECUTIVE ASSISTANT

COMMAND OPS & OUTREACH

STRATEGIC ADVISOR

Deputy Assistant Secretary of Defense for
Information Management, Integration, and Technology

MR. DAVID WENNERGREN

Special Assistant for Net-Centric Operations

NET-CENTRIC EDUCATION (JPME)
JCTDS
SAG

Federal Information Sharing Executive

FEDERAL INFORMATION SHARING INITIATIVE
INFORMATION SHARING STRATEGY / IMPLEMENTATION
PLAN
CUI

DIRECTORS

CIO Management Services

PROGRAM ANALYSIS & SUPPORT
CIO GOVERNANCE
INFORMATION QUALITY
DOMAIN NAME & WEB POLICY
PRIVACY IMPACT ASSESSMENTS
E-GOVERNMENT (OMB)
RESOURCE MANAGEMENT SECTION 508
IT WORKFORCE
ACADEMIA OUTREACH
OMB LIAISON
GAO LIAISON
CONGRESSIONAL LIAISON
CIO ROLE - 8000.01
FORMS MGMT
INFO COLLECTION
WEB ADMIN/MGMT

Enterprise Services Integration

RECORDS MGMT
DATA STRATEGY / COIs
SERVICES STRATEGY / SOA
NCES, MCEITS, CANES
IDENTITY MGMT. & ATTRIBUTE SERVICES
SPECIAL ASST TO THE VCJCS
CLOUD COMPUTING
WEB 2.0 - DoD Use
DOD APPS STORE

Strategic Planning & Policy

STRATEGIC PLAN
PERFORMANCE MEASUREMENT
POLICY FRAMEWORK
FUTURE OF THE CIO
INTERNET GOVERNANCE
AGENCY/ASSOC. OUTREACH
FEA LIAISON

Commercial Technologies & Systems

TITLE 40 / CCA OVERSIGHT
CPI / LSS
INDUSTRY OUTREACH
CLEARINGHOUSE
ACQUISITION SUPPORT
COTS TECH REVIEW & MARKET RESEARCH
INFORMATION SUPPORT PLANS
ENTERPRISE SYSTEMS
HEALTH CARE, ERPs, DIMHRS, etc.
INTEROPERABILITY

Portfolio Management & Enterprise Infrastructure

ENTERPRISE SOFTWARE INITIATIVE
IT ASSET MANAGEMENT & COMMODITY BUYING
IT INVESTMENT MANAGEMENT
ENTERPRISE GUIDANCE BOARD
DoD IT INFRASTRUCTURE LIBRARY (ITIL)
COMPUTING INFRASTRUCTURE
DITPR
DBSMC - BTA/IRB LIAISON
NGEN OVERSIGHT
JOINT BASING
CPM COORDINATION

Enterprise Operations

NETOPS
IPv6
UNIFIED CAPABILITIES
ENTERPRISE OPERATIONS & OVERSIGHT COMMITTEE
OSD CIO LIAISON
PACC
RISK MANAGEMENT
GIG WAIVERS/CONNECTION APPROVAL PROCESS

Enterprise Architecture & Standards

DOD FEDERATED ENT. ARCH STANDARDS (DISR)
DoD INFO ENT ARCH 2.0
DADAF 2.0
DARS
REFERENCE ARCH SUPPORT

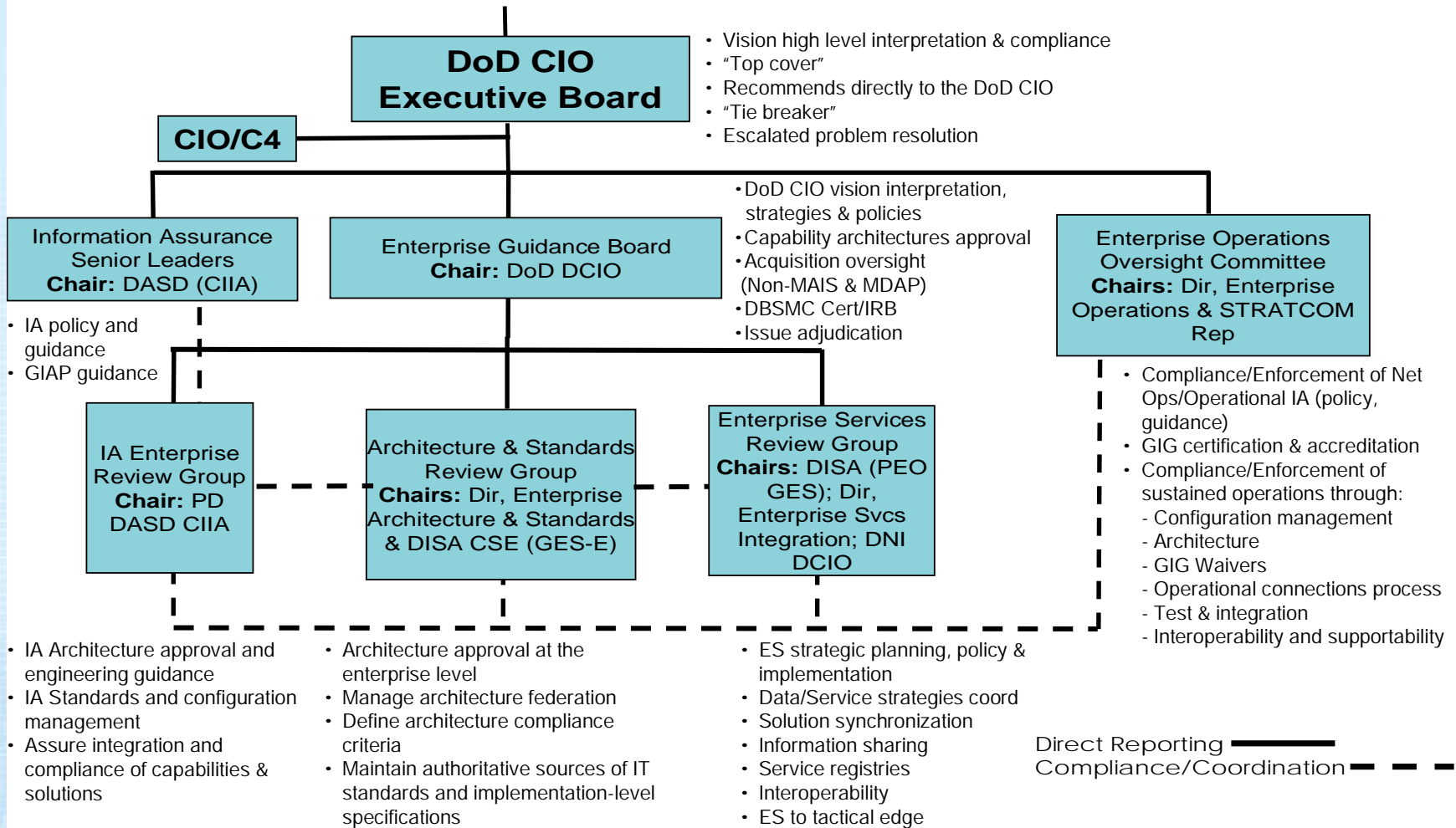
DEPA
*
CHIEF

CIO Governance Framework



DEPARTMENT OF DEFENSE
CHIEF INFORMATION OFFICER

DoD CIO



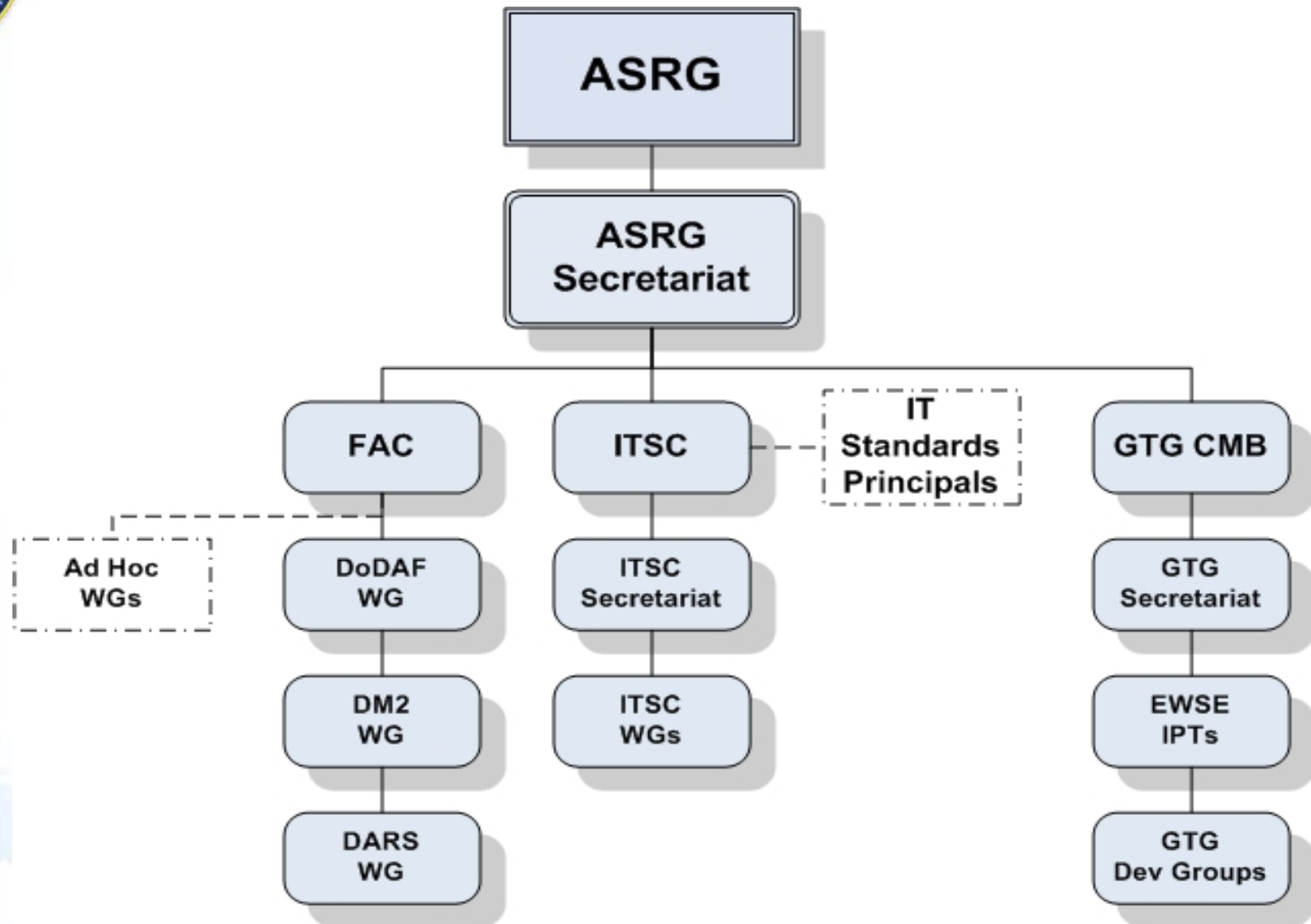
ASRG Mission



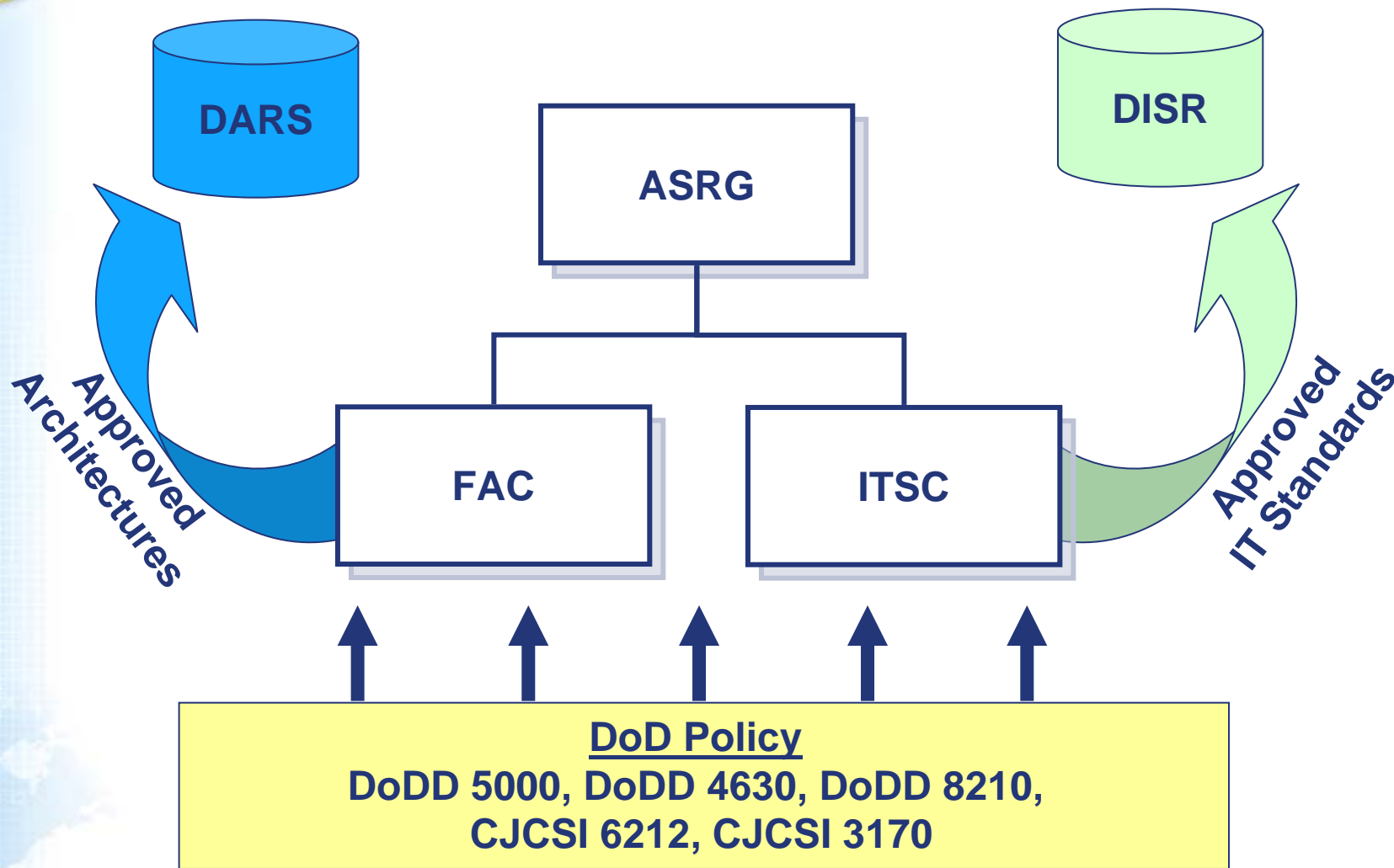
The Architecture and Standards Review Group (ASRG) serves within the Department of Defense (DoD) Chief Information Officer (CIO) Enterprise Governance framework. The ASRG is subordinate to the DOD CIO EGB. It is chartered to: review architecture policy and guidance; identify DoD Information technology (IT) technical standards; oversee IT standards management; review architectures and enforce architecture policy; oversee DoD EA Federation; and enforce DoD Information Enterprise Architecture (IEA) compliance.



ASRG Organizational Structure



Authoritative Sources of Approved Architectures & Standards



https://dars1.army.mil/IER2/



Member Login

User ID (Forgot?)

Password (Forgot?)

No Account? Sign Up

News & Events

8/18/2009
DoDAF 2.0 Meta-model (DM2)
Walkthrough (Details)

9/1/2009 - 9/2/2009
DARS user group attendees, please see
attached lunch order form (Details)

9/1/2009
DARS User Group Agenda (Details)

Welcome

DARS provides for registration and cataloging of DoD Architectures

DARS Enables:

- Overview and Summary (AV-1) registration, creation and editing
- Discovery metadata creation and search
- Alignment with federation reference models
- Visualization of the federated Enterprise Architecture (EA)
- Access-controlled data storage
- Architecture data management

Quick Links

- General Public Documents
- EA Conference Briefs
- Manage Communities & Users
- Change Request Form
- Tutorials

UNCLASSIFIED/FOUO

The Department of Defense DoD Privacy Policy

https://disronline.disa.mil/



DISRonline

DoD Information Technology Standards Registry
UNCLASSIFIED

FAQs
DISR Calendar
Reports & Archives

[DISRonline Home](#) [Contacts](#) [Guidance](#) [Links](#) [Change User Info](#) [Register CAC](#) [Create RFC](#) [Problems?](#) [Need Help?](#) [Log Off](#)

Standards Mgmt

[Profiling](#)

[Search](#)

[Classic Search](#)

[Change Request](#)

Standards Management

[ISOP](#)

[ITSC](#)

[Working Groups](#)

[SDO / NATO](#)

Configuration Management

[DISA Home](#)

DISRonline will be offline beginning Thursday, 22 October, through the following week.

ITSC

Information Technology Standards Committee [\(POCs\)](#)

- [Charter \(Signed\)](#)
- [Standard Operating Procedures \(SOP\) - ITSC/ISC/TWG 2009-07-28](#)

ITSC Briefing Templates

- [TWG Briefing Template \(2008-02-20\)](#)

ITSC Meeting 2009 10 21

- Agenda / Minutes
 - [Agenda](#)
 - [ITSC Open Action Items \(2009-10-07\)](#)
- Briefings
 - [Decision Brief - DISR and DISRonline Topics \(D Bernardini\)](#)
 - [Information Brief - "Data Standards" Management for the DISR - \(D Brown\)](#)
 - [Information Brief - Update on M&S Technical Working Group - \(A Henninger\)](#)
 - [Information Brief - IC/DoD Enterprise Standards Governance \(J Makowka\)](#)
 - [Information Brief - ICESG Pilot 09-3.0 \(C Guthrie, M Pettit\)](#)
 - [Information Brief - Architecture & Standards Review Group \(ASRG\) Briefing \(A Golombek\)](#)
 - [Information Brief - Net-Centric Operations Industry Consortium \(NCOIC\) Briefing \(D Brown\)](#)

ITSC Meeting 2009 06 24

- Agenda / Minutes
 - [Agenda](#)
 - [ITSC Open Action Items \(2009-07-02\)](#)
 - [Meeting Minutes \(2009-06-24\)](#)
- Briefings
 - [Decision Brief - DISR and DISRonline Topics \(D Bernardini\)](#)

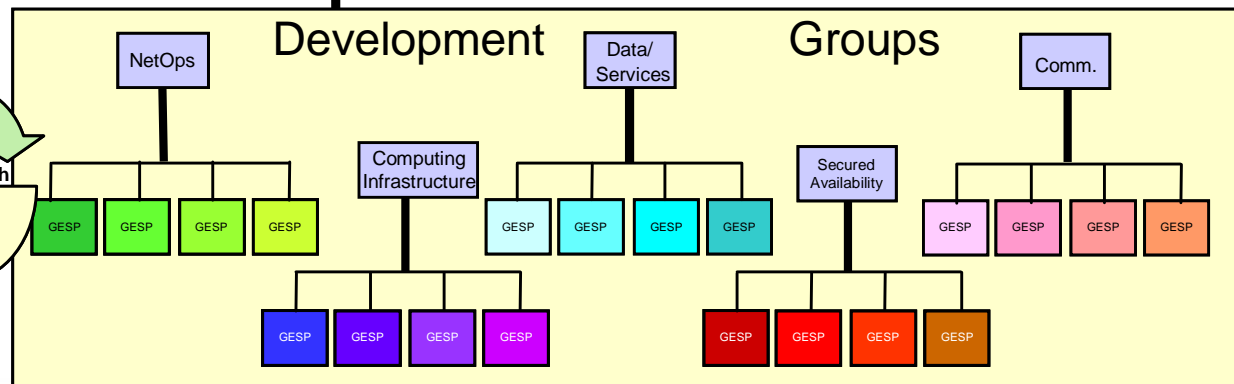
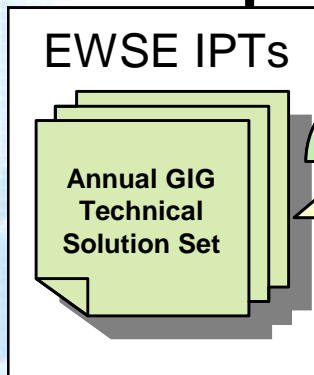
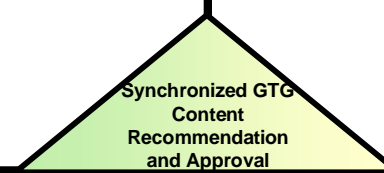
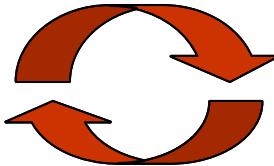
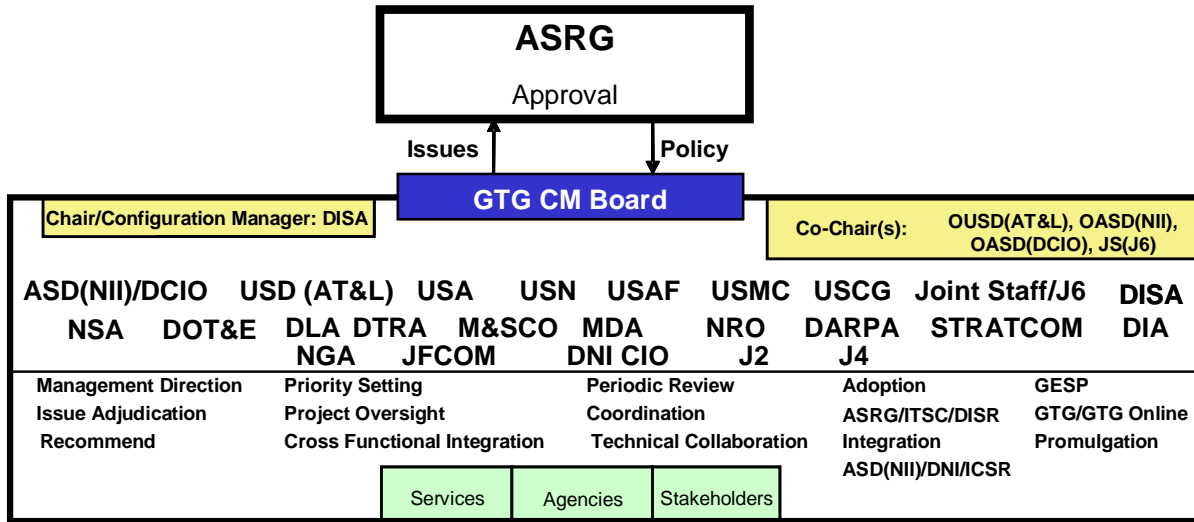
UNCLASSIFIED//FOUO

Creating an Information Advantage

DEPARTMENT OF DEFENSE
CHIEF INFORMATION OFFICER



GTG CMB Governance Structure





DEPARTMENT OF DEFENSE
CHIEF INFORMATION OFFICER



DISA A-Z DIRECTORY

ABOUT DISA NEWS & EVENTS SERVICES & CAPABILITIES CAREERS@DISA CONTACT US QUICKLINKS

- + About DISA
- Our Work
- Our Leaders
- Our Organization Structure
- Our Strategy
- Our History
- Serving Our Community
- Policy/Publication Information
- Legal and Regulatory



HOME ABOUT DISA OUR ORGANIZATION STRUCTURE GIG GE3 GE33

GE33 - INTEROPERABILITY STANDARDS DIVISION

PRINT PAGE BOOKMARK

MISSION

Identify, aid development of, promulgate, and catalog information technology standards and standards profiles to meet DISA product and service priorities and the needs of DoD, with emphasis on commercial and open systems standards.

FOR MORE INFORMATION
(703) 681-2596, DSN 761

FUNCTIONS

- Lead, coordinate, and influence information technology (IT) standards engineering efforts to address DOD and DISA requirements.
- Prioritize IT standards efforts and reallocate resources as necessary to support DISA prioritization.
- Coordinate DoD efforts to pursue open systems standards that meet DoD's greatest needs as reflected in DISA products and services.
- Maintain the DOD IT Standards Registry (DISR) and configuration manage the lifecycle of the standards cited within.
- Maintain the GIG Technical Guidance (GTG) database containing GIG Enterprise Service Profiles that detail the implementation of enterprise wide systems engineering guidance.
- Evaluate and advise on implementation of IT standards and key interface parameters.
- Identify and arbitrate resolution of interoperability and standards issues within DISA and, as resourced, DoD.
- Support the Joint Staff and Assistant Secretary Defense (National Information Infrastructure) in the assessment of all Information

OFFICE LINKS

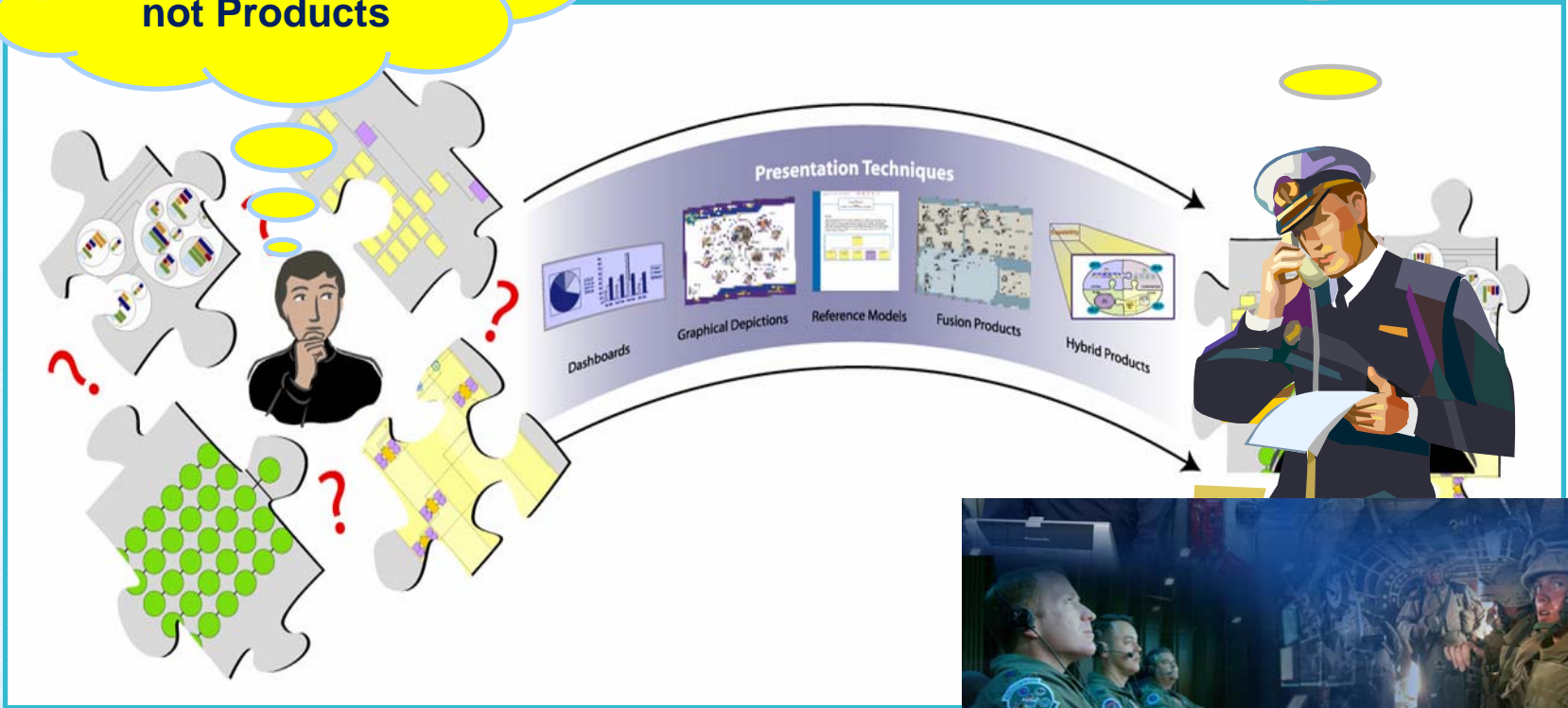
- + GE1 - Business Management Division
- + GE3 - Systems Engineering Center
- + GE31 - End-to-End Architecture Division
- + GE32 - Horizontal Engineering Division
- + GE33 - Interoperability Standards
 - GE331 - Standards Engineering Branch
 - GE332 - Standards Management Branch
 - GE333 - Net-Centricity, Requirements, Analysis & Assessments Branch
- + GE34 - Modeling and Simulation



DoDAF V2.0 Focus

**Focus:
architecture DATA,
not Products**

**Results: Better
ANALYSIS and
Decisions.**

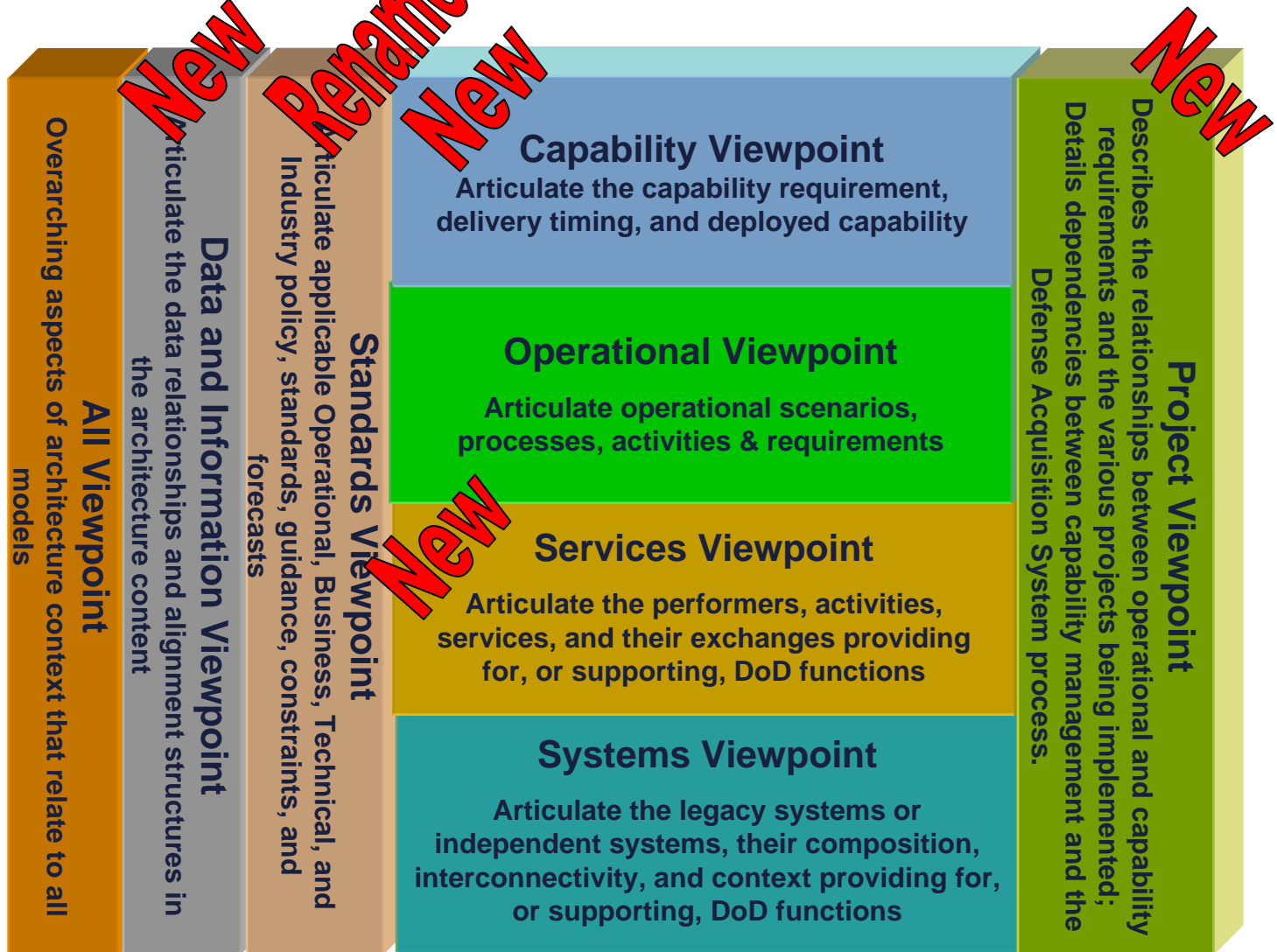


DoDAF V2.0 provides overarching architecture concepts, guidance, best practices, and methods to enable and facilitate architecture development.



DEPARTMENT OF DEFENSE
INFORMATION REPORT

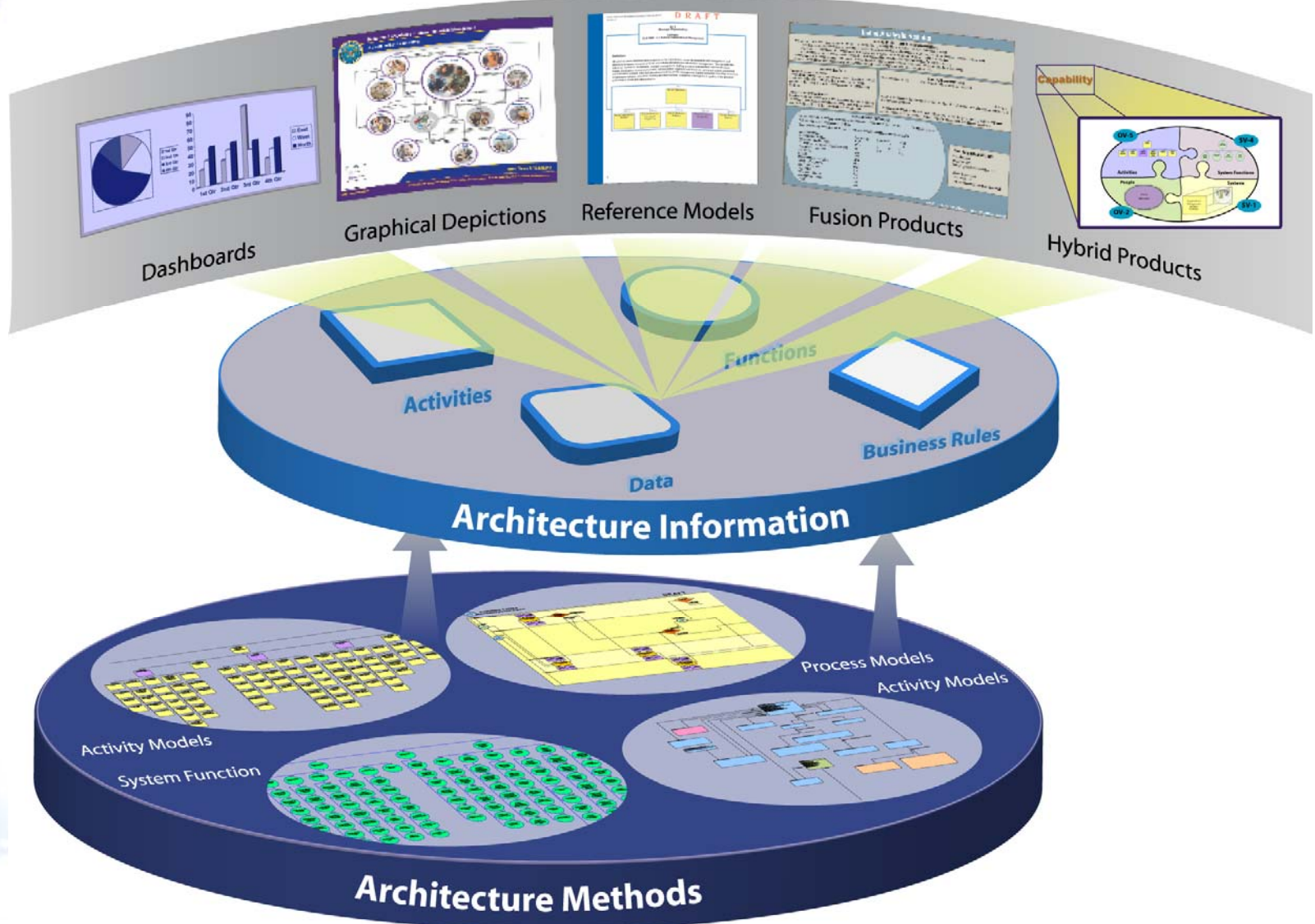
DoDAF V2.0 Viewpoints That Fit-the Purpose



Architecture viewpoints are composed of data that has been organized to facilitate understanding.



"Fit for Purpose" DoDAF Architecture Descriptions



DEPARTMENT OF DEFENSE
CHIEF INFORMATION OFFICER

Creating an Information Advantage



DoDAF V 2.0 Delivery

- **DoDAF V2.0 is available at:**
- <https://www.us.army.mil/suite/page/454707>
- <http://www.defenselink.mil/>
- <http://www.defenselink.mil/cio-nii/docs/DoDAF%20V2%20-%20Volume%201.pdf>



<http://www.defenselink.mil/cio-nii/sites/diea/>

Defense Information Enterprise Architecture

April 11, 2008

▼ DIEA Mission

▼ DIEA Priorities

Contact Us

DIEA 1.0 Products

DIEA Architecture Description (OV-1)

- Project Charter (AV-1)
- Hierarchical Activity Model (OV-5)
- Principles and Rules (OV-6a)
- Glossary (AV-2)
-
- FAQs

Net-Centric Guidance

- DoD CIO Homepage
- DoD CIO Strategic Plan
- DoD Net-Centric Data Strategy
- DoD Net-Centric Services Strategy
- DoD Information Assurance Policy
- DoD Information Sharing Strategy
- DoD IT Portfolio Management Directive
- DoD Telecommunications Directive

Transition Partners

- Defense Business Transformation

Privacy and Web Policies

"Lead the DoD Enterprise to Achieve an Information Advantage for our People and Mission Partners"



Defense Information Enterprise Architecture Release

The Defense Information Enterprise Architecture version 1.0 (DIEA 1.0) provides a common Defense Information Enterprise foundation to support accelerated Department of Defense (DoD) transformation to net-centric operations. It presents the vision of net-centric operations and establishes near term priorities to address critical barriers that must be overcome in order to achieve the vision.

The Defense Information Enterprise Architecture consolidates underlying DoD Net-Centric policies to provide guidance for all DoD, across all portfolios, enabling informed discussions among decision-makers about key issues, and underpinning process improvements throughout the Department. Defense Information Enterprise Architecture 1.0 highlights the key principles, rules, constraints and best practices to which applicable DoD programs, regardless of Component or portfolio, must adhere in order to enable agile, collaborative net-centric operations.

Defense Information Enterprise Architecture Products

This website represents the main method for distributing Defense Information Enterprise Architecture 1.0. The full set of Defense Information Enterprise Architecture 1.0 products are available from the left side menu entitled "DIEA 1.0 Products" where users can access:

http://www.defenselink.mil/cio-nii/policy/index.shtml



DoD Directives - Microsoft Internet Explorer UNCLASSIFIED//FOUO

File Edit View Favorites Tools Help

Back Forward Stop Home Search Favorites Refresh Print Mail Stop


Address <http://www.defenselink.mil/cio-nii/policy/index.shtml> Go Links

The United States Department of Defense
Assistant Secretary of Defense (Networks & Information Integration)
DoD Chief Information Officer

Home : About Us : Site Map : Communities of Interest : C2 Research Program : Links : Search

The Power of
INFORMATION
Access Share Collaborate

View From The Front Office



[Vision / Mission / Goals](#)

[U.S. Code](#)

[DoDD 5144.01](#)

"Information is our greatest strategic asset."
Cheryl J. Roby (Acting), ASD(NII) / DoD CIO

DoD Directives

ASD(NII) / DoD CIO Policy Issuances

[DoD Directives](#) | [DoD Handbooks/Guidance](#) | [DoD Instructions](#) | [DoD Manuals](#)
[ASD\(NII\)/DoD CIO Memorandums](#) | [DoD Standards](#) | [DoD Web Site Administration](#)

- [3100.10](#) Space Policy 7/09/1999
- [3222.03](#) DoD Electromagnetic Environmental Effects (E3) Program 9/08/2004
- [4630.05](#) Interoperability and Supportability of IT and National Security Systems (NSS) 4/23/2007
- [4640.13](#) Management of Base and Long-Haul Telecommunications Equipment and Services 12/05/1991
- [4650.01](#) Policy for Management and Use of the Electromagnetic Spectrum 6/06/2004

Media

Start | Inbox ... | Calen... | CSI R... | FW: D... | DoD D... | GIG 2 ... | Global ... | H:\Go... | FEAC ... | Internet | 5:17 PM

Creating an Information Advantage

DEPARTMENT OF DEFENSE
CHIEF INFORMATION OFFICER



May 10-14, 2010

**DoD Enterprise Architecture
Conference 2010, San Antonio, TX**

Save the date!

