Relationship of the DOD Information Technology Standards Registry (DISR) with the Defense Standardization Program

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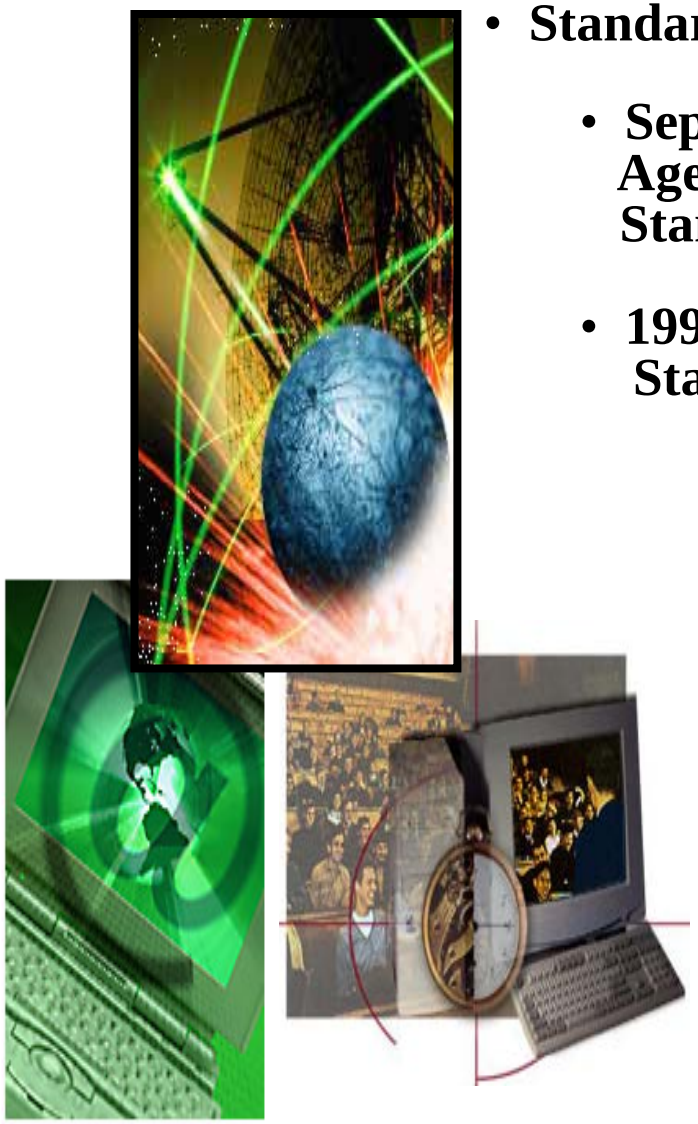
Agenda

- **Responsibilities of the DOD Executive Agent for IT Standards**
- **Products and Customers**
- **Alignment with DSPO (DISR and ASSIST)**
- **Recommendations**
- **Summary**

DOD Executive Agent for IT Standards

Policy / Directives



- **Standards and Interoperability Policy Then and Now**
  - **Sept 1991: First Assignment to DISA of Executive Agent Responsibilities for DOD Information Standards**
  - **1996: Clinger-Cohen Assigns DOD CIO IT Standards Oversight Responsibility**
  - **May 2004: DOD CIO / DEPSECDEF Renews Executive Agent Responsibilities under DISA per DODD 5101.7**
  - **PM Conformance to IT Standards and Interoperability Responsibilities further Defined in DODD 4630.8 and CJCSI 6212**

DOD Executive Agent for IT Standards

Responsibilities

"Identify, Develop, Promulgate, Manage, & Assess Compliance with IT Standards"

- **DOD-wide Requirements with Direct Report Responsibility to ASD(NII) CIO and Joint Staff (J6) to:**

- **Establish and Maintain IT Standards in the DISR**
  "with a Focus on Net Centric and Interoperability Standards / Profiles"

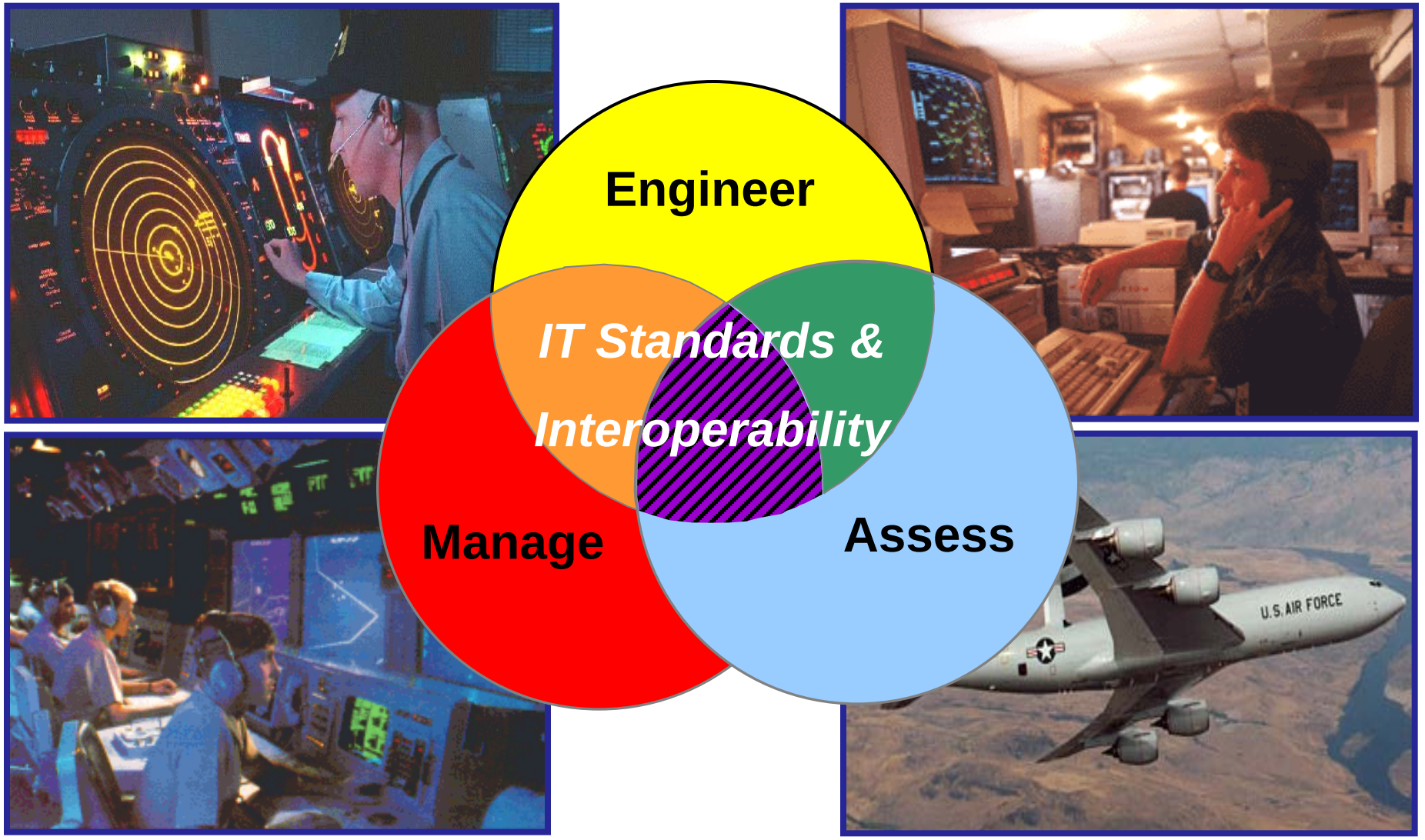
- **Manage DOD's Representation in Standards Developmental Organizations**

- **IT MIL-STDs and STANAGs to Include Coalition Configuration Management**

- **Interoperability Support and Assessment**

For which the Warfighters and System Developers are the primary customers…

GE33 IT Standards Perspective



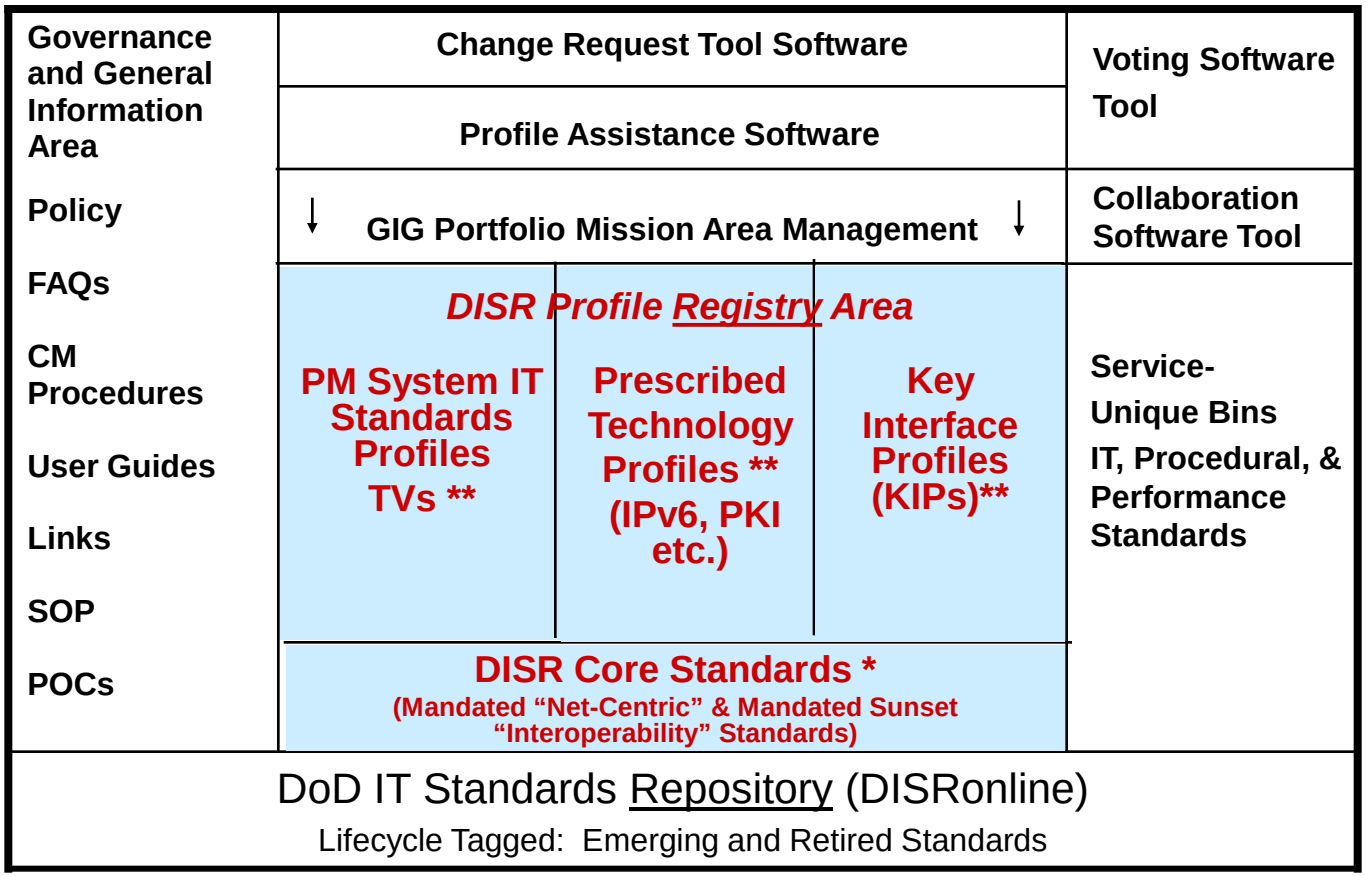
IT Standards
Primary Customers

- **NII / CIO**
  - **Executive Agent Responsibilities (DISR)**
- **Joint Staff; J6 & J8**
  - **JCIDS, JCPAT-E, KIPs**
- **Service Developers**
  - **JCPAT-E, DISR**
- **COCOMs and Services**
  - **JINTACCS & C2IPs**
- **PMs**
  - **DISR: Enterprise Services and Transport Standards**

Why Did We Transform from JTA to DISR?

- **In 2004 DoD Senior Leadership Voiced Concern that:**
  - **The Revision Cycle Associated with the JTA was too Long and Unresponsive to Change**
  - **Too Many Outdated IT Standards**
  - **IT Standards Identification, Promulgation, and Configuration Management Processes were not Focused on Implementing Net-Centric Concepts**
  - **Operating Procedures had not been Updated since 1993**
- **Since Then:**
  - **DoDI 4630.5 and DoDD 4630.8 Revised DISA and PM Responsibilities for Managing and Complying with IT Standards**
  - **DoDD 5101.7 Formally Assigned DISA as Executive Agent for IT Standards**
  - **DoD Adopted a Capability-Based Requirements Process using Integrated Architectures (CJCSIs 3170.01 and 6212.01)**

So what is DISR & DISR-online?



Objectives:

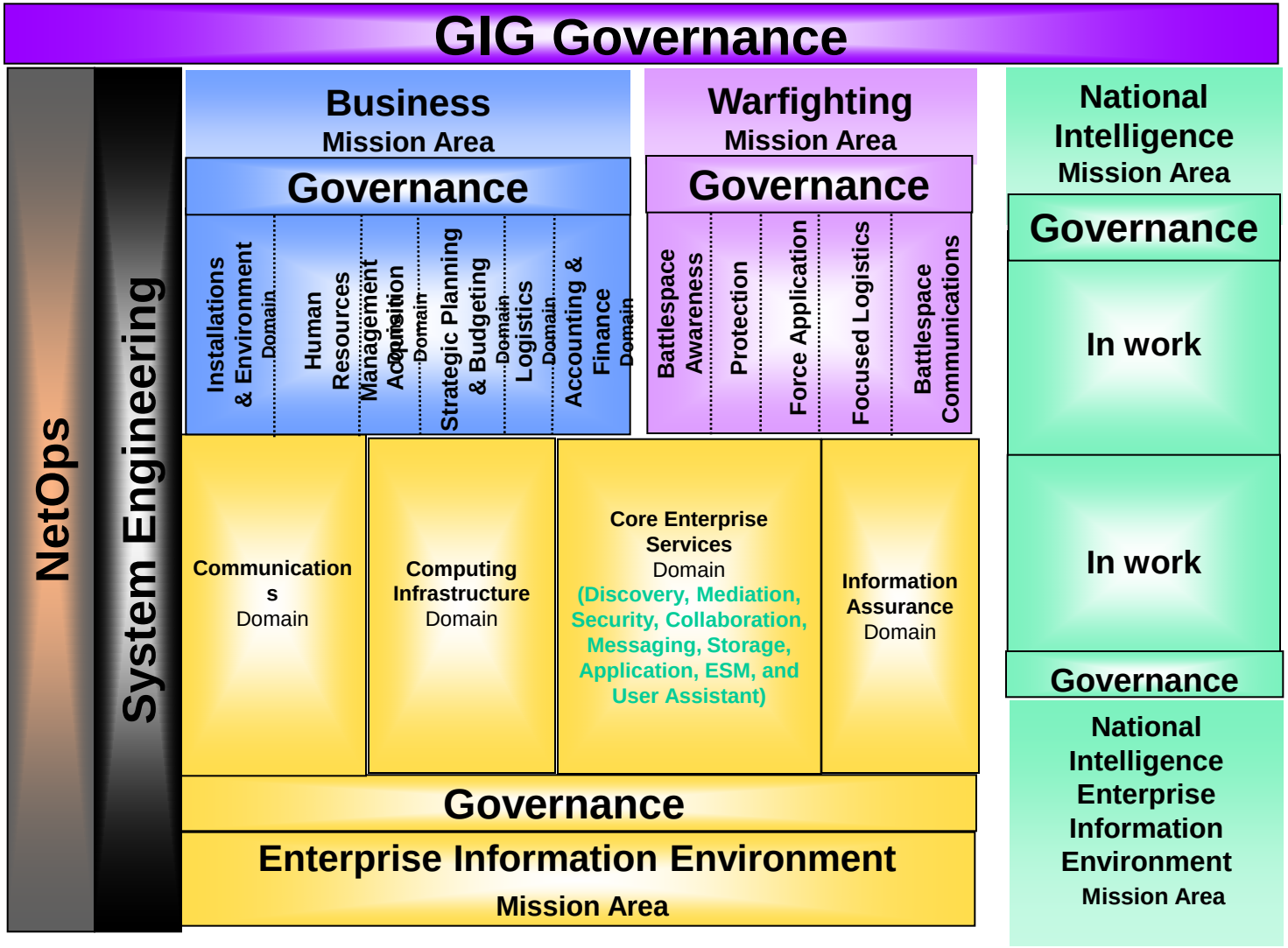
- Champion DoD's Re-Engagement of the IT Standards Communities
- Online IT standards Registry and Repository
- Tri-Annual Update of IT Standards Registry
- Tied to JCIDS IT Standards Conformance and Compliance Process
- Intelligence Community Cross Coordination
- Improved DoD Visibility and Participation in IT Standards Development Organizations
- Develop and Register PM Standards Profiles (TV)
- Standing IT Standards Working Groups Aligned to GIG Portfolio Management

*** Denotes DOD Mandated IT Standards**

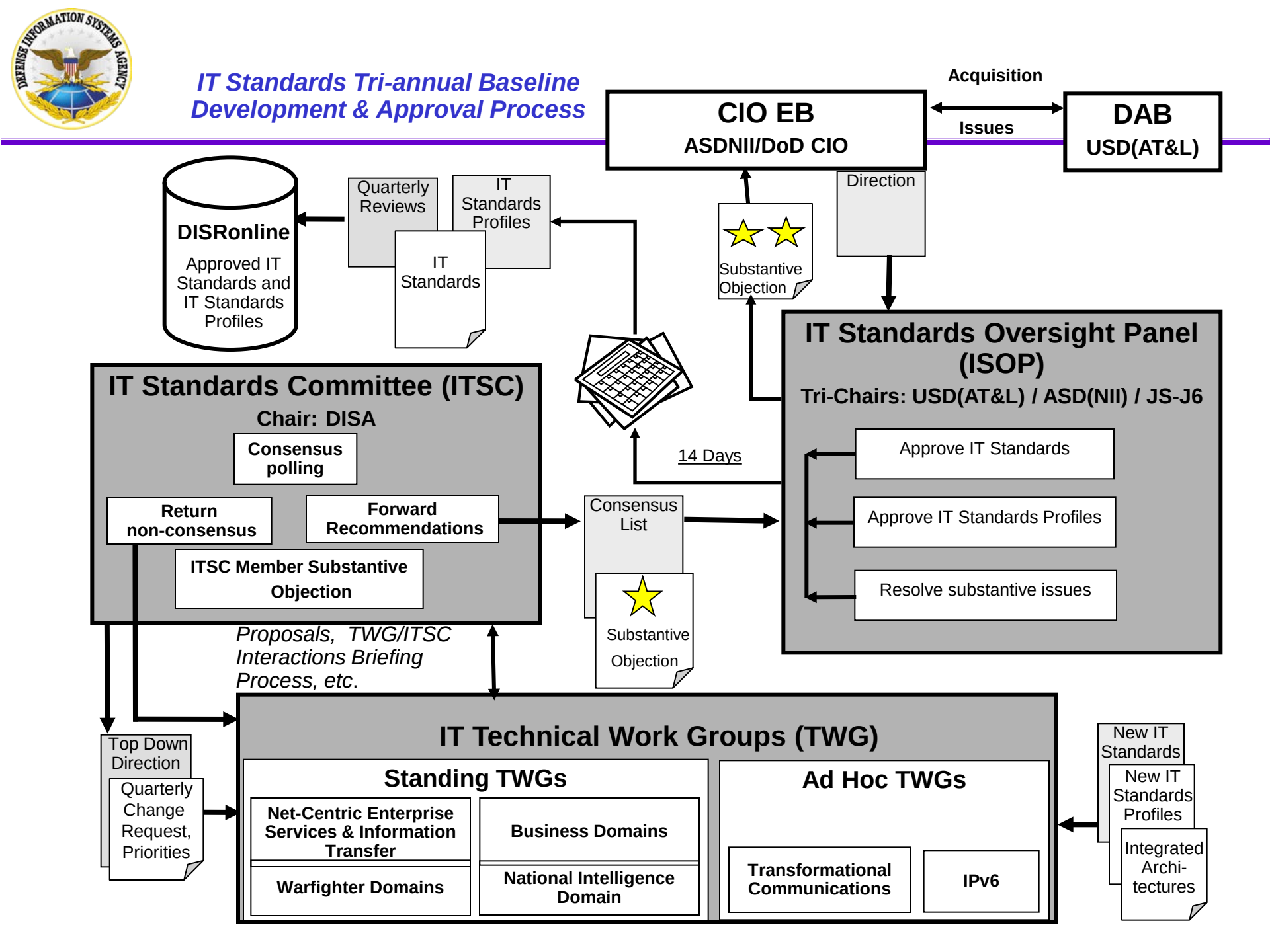
**** May Contain Standards from Lifecycle Categories other than Mandated**

GIG Portfolio Management

"Achieve IT Standards Alignment"



IT Standards Tri-annual Baseline Development & Approval Process

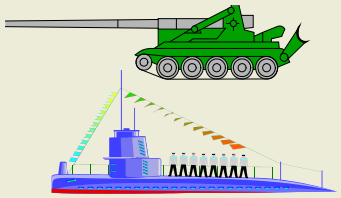


Profiling - Defense Information Systems Agency
File Edit View Go Bookmarks Tools Window Help
http://jtadev:8110/VJTA/ProfilingHome.jsp
Search
Home Search Bookmarks

Profiling Methods

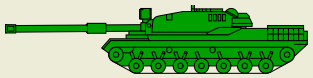
https://disronline.disa.mil

A System Profile, is a collection of one or more Information Technology (IT) Profiles. Each IT Profile contains one or more standards from the DISR. Building a System Profile is an iterative process; most systems will contain more than one IT Profile. IT Profiles can be built by using any of the five profile building methods listed below. System engineers will often use several of these methods to construct their System Profiles. For initial help see the profiling quick start guide.

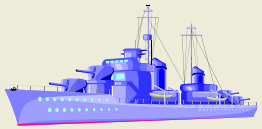


1. Generic Profile Method – Use to include a previously defined and approved Generic Profile in a System Profile, or to copy a Generic Profile into an editable IT Profile.

2. Questionnaire Method – Answer a set of questions resulting in a list of standards for the DISR Service you select.

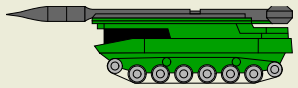


3. DISR Service Method – Select a DISR Service from a dropdown list, view the citations for standards in that DISR Service, and choose the ones you want to add to your IT Profile.



4. View / Modify – Provides a list of System Profiles, from which you can view subordinate IT Profiles. Standards can then be added or deleted from these IT Profiles.

5. Search
   a. Identifies standards for possible inclusion in an IT Profile by searching the JTA document/*Standards Table* for search strings or keywords that meet user-supplied criteria.
   b. Provides access to JTA document sections through the Table of Contents, allowing a visual search for desired standards in the actual document text.



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Sending request to jtadev...

Relationship of IT Standards Processes with Defense Standardization Program

Essentially This Means the Coexistence of Two DOD Standards Processes and Databases (DISR and ASSIST) where:

- **Logical and Virtual Linkages Exist between Them;**
- **Together Their Functionalities Complement and Enhance Overall Standards Management;**
- **Duplicate Processes that Result in Identical Content are Eliminated.**

Comparison of IT Standards Processes with the Defense Standardization Program

DISR and DISRonline

- Prescribes the Minimum Set of IT Net Centric and Interoperability Mandated IT standards
- Emphasizes Adopting Commercial Standards vice Expansion of MIL-STDs
- Identifies Standards Citations and URLs
- Lifecycle Progression Tied to Individual IT Standards
- Continual Refresh to Registry 3x per Year with Complete Baseline Reviewed Annually
- Profiling Tool to Assist PMs in Developing Registered TVs IAW JCIDS
- 493 Mandated IT Standards Presently Posted in DISR and 226 in DISRonline

DSPO ASSIST

- Title 10 Authority to Establish and Maintain a DOD Standards Database (All Standards, Not just IT)
- Emphasis on MIL-STDs
- Stores the Actual DoD and Federal Standards ("Library of Congress for Standards")
- Individual Standards Reviewed Every 5 Years
- On Individual Standards as They are Revised
- PM Profiling Tool to Aid in Search / Discovery of Applicable Standards
- 44,000 Standards Presently Cited of which Approximately 100 are IT

Comparison of IT Standards Processes with the Defense Standardization Program

DISR and DISRonline

- Standards Ownership
  - IT Standards Vetted by Technical Working Groups
  - Or Leverage Existing Technical Bodies (Government and Commercial)
- IT-Related Performance, Procedural, Process, Policy, and Service-Unique Standards Bins as "Information Only" or "No Conflict with Mandated Core"
- Mandatory Use of Technical Profiles
  - PM System Profiles required by DODD 4630.8 and CJCSI 6212 Directives
- Links to ASSIST by Standard Title

DSPO ASSIST

- Standards Ownership
  - Lead Standardization Activities and Preparing Activities
  - Follows SD-1 Process
- Performance and Procedural Standards are reflected
- PM Profiling Tool
  - Not Mandated for Milestone Certification
- Presently No Link to DISR

Recommendations

- **Logical / Functional Linkage:**
  - **Continue to Synchronize DISR with URLs to ASSIST where the Complete IT Standard may be Obtained**
  - **DISR Ensures that ASSIST Receives Updates of IT MIL-STDs at the Conclusion of each DISR Review Cycle**
- **Complementary Functionality**
  - **DISR Provides to DSPO at the Conclusion of Each DISR Cycle a List of Mandated IT Commercial Standards for Potential DOD Enterprise License Procurement**
- **Reduce / Eliminate Duplication**
  - **Report to DSPO where DISR has Leveraged Existing LSA/PA Subject Matter Expertise**
  - **Identify and De-Conflict Standards Ownership (LSA versus DISR TWGs)**

Summary

- **DSPO and the IT Standards Executive Agent will Benefit from Continued Coordination, Process Synergy, and the Standards Expertise Found in Both Organizations**
- **DISR will Capitalize and Use as an IT Force Multiplier Technical Expertise Established in DSPO Lead Standardization Activities and Preparing Activities**
- **DISR's Role in Mandating IT Standards and ASSIST's Role as the Repository of Actual Standards Documents is a Key Unifying Relationship between the Two Applications**

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ANIMATION FACTORY
www.animationfactory.com

Interoperability Standards Division GE33

Questions?

"Ensuring IT interoperates is our business."