



DON IT Asset Management Implementation Plan

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Agenda

- Purpose
- Compelling Need
- Problem
- ITAM Vision
- ITAM Goals
- ITAM relationship to other programs
 - Investment Management
 - Portfolio Management
 - DADMS Master Record
 - Shared Data Environment
- ITAM Information Exchange
- ITAM Structure and Roles
- ITAM and the FAM Process
- Implementation Increments
- Recommendations

Purpose



To provide the DON Chief Information Officer an update on the DON IT Asset Management program.

To request additional funding to support the implementation of a Net-Centric DON ITAM solution.



Compelling Need

“In today’s Global War on Terror, our Sailors and Marines depend on IT in more ways than in any war ever fought....

Our goal is to connect the relevancy of our IM and IT initiatives to that of the men and women at the tip of the spear, whether they are aboard a destroyer, or deployed to a forward operating base in Iraq. We must bring a sense of urgency to all that we do.”

DON CIO Campaign Plan

ITAM is a key part of Goal 4 of the DON CIO Campaign Plan: Ensure Naval IM and IT Investments are Efficiently Acquired and Managed so Resources May Be Recapitalized to Support the Warfighter.



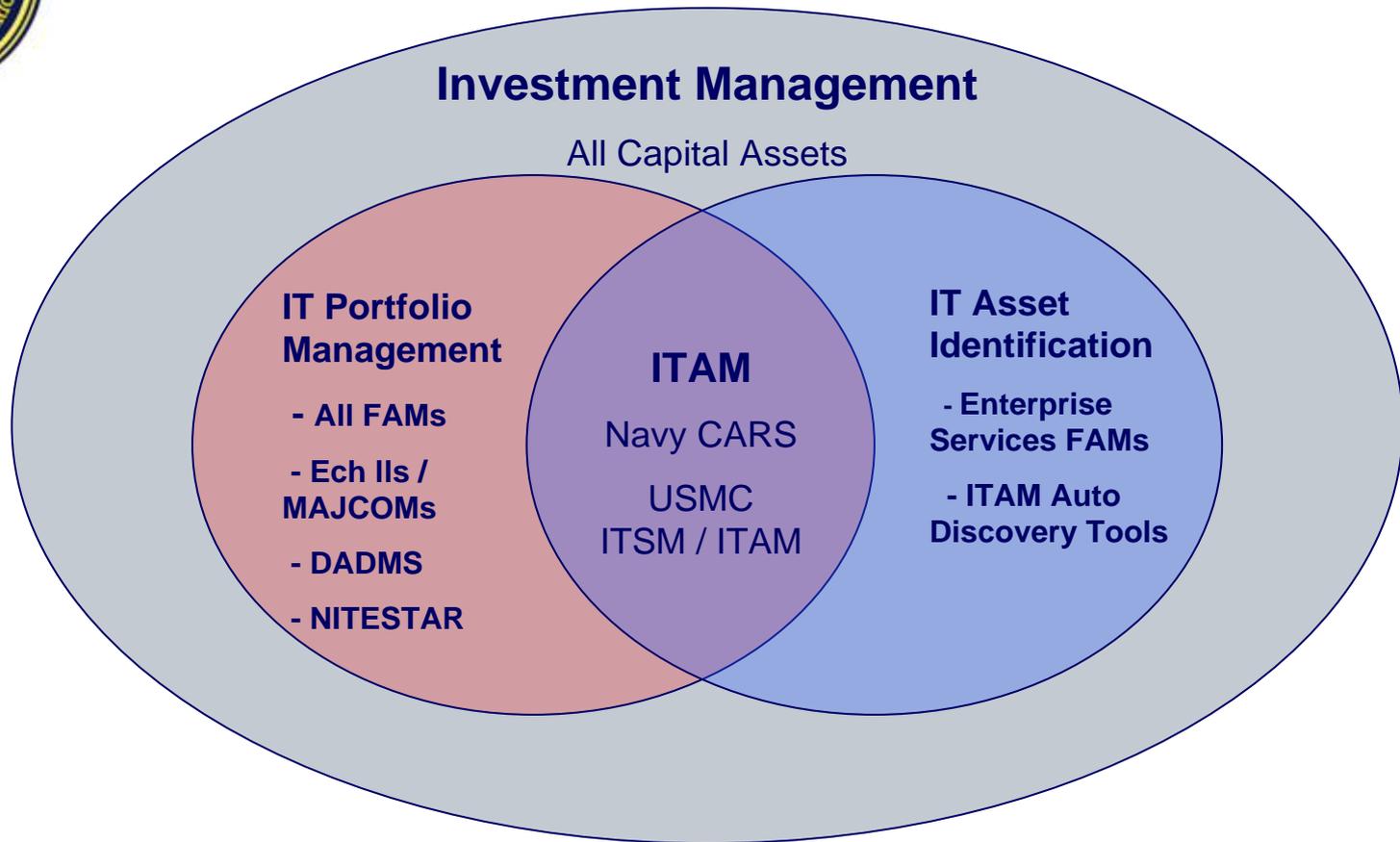
Problem

- Lack of DON enterprise visibility and management of IT assets due to:
 - Sheer volume of existing IT assets in the enterprise
 - Immature IT Asset Management policy and procedures
 - Inability to easily “discover” all IT assets
 - Underdeveloped enterprise Asset Management infrastructure
- Excessive costs and inefficiencies of maintaining current IT infrastructure
- Current IT assets need be properly base lined to assess NGEN future requirements

The DON ITAM Implementation Plan addresses these issues



ITAM Vision



ITAM is an integral process within existing DoD and DON Investment Management, IT Portfolio Management and IT Asset Identification initiatives.



ITAM Goals

ITAM will enable Department leadership and managers to:

- **Increase the use of commercial software and hardware and support services in DON and DoD.**
- **Determine the current status of commercial IT/NSS software, hardware and sustainment services.**
- **Focus on managing the physical inventory of hardware and software assets, minimize the cost of the inventory, and maximize the use of physical IT assets.**
- **Establish specific DON goals using the following Navy Goals as a point of departure:**
 - **By Dec 2008, provide and maintain DON enterprise IM / IT budget cost visibility**
 - **By Dec 2008, provide and maintain DON enterprise IM / IT asset inventory visibility**
 - **By Sep 2011, reduce the Naval ashore (Secret and below) IT footprint at least 51%**



ITAM Benefits for IT Investment Management

- **Focuses IT business process and system modernization into a more comprehensive and unified effort**
- **Promotes cross-domain collaboration across the DON at all echelons**
- **Reduces redundancies in IT systems and overhead costs**
- **Ensures consistency, consolidation and coordination of DON Enterprise-level business systems**
- **Provides In-depth visibility to IT investments and life cycle costs; and,**
- **Institutionalizes automated inventory and audits of IT networks**



DON IT Asset and Portfolio Management

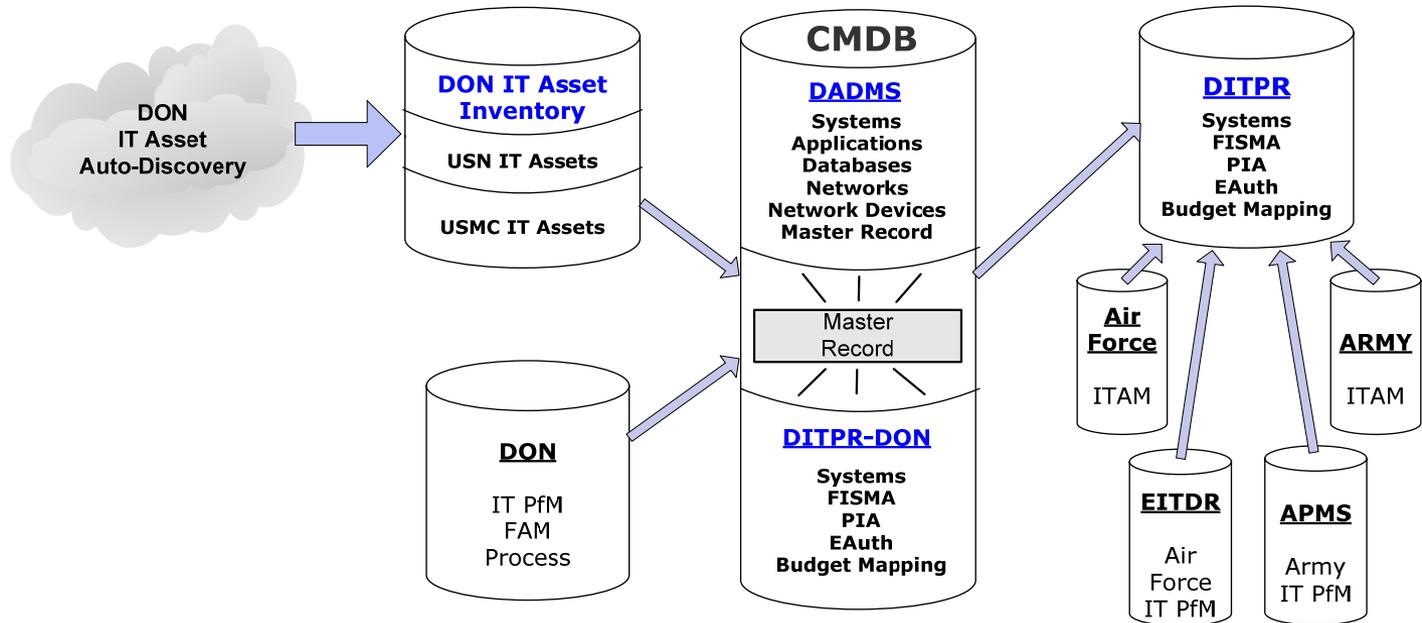
**IT Asset Management (ITAM)
of Physical Inventory**

**IT Portfolio Management (PfM)
to Support Mission**

**DON IT Asset Management
Authoritative
Data Source (ADS)**

**DON IT
Portfolio Management
ADS**

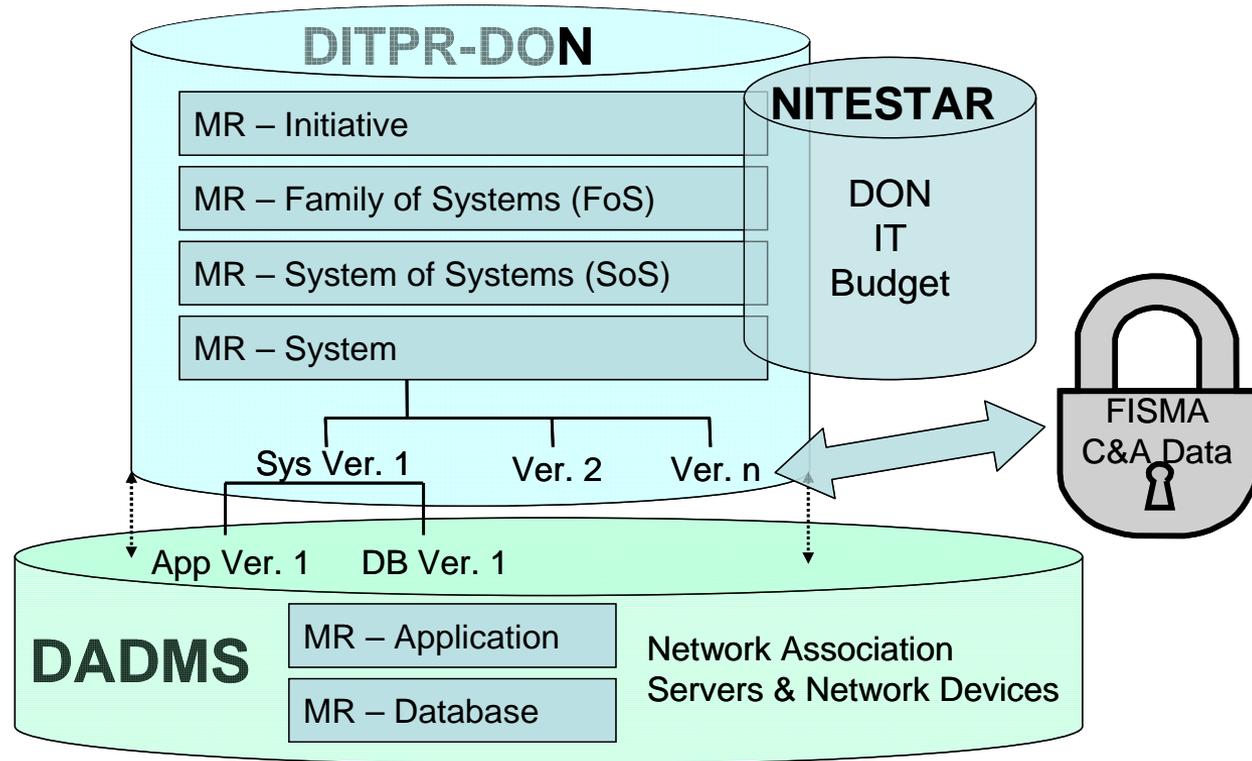
**DoD IT
Portfolio Management
ADS**



DON ITAM automates the data collection functions of ongoing DON IP related inventory efforts and improves the registration, reconciliation and portfolio management processes in DADMS and DITPR-DON



DADMS Master Record Approach

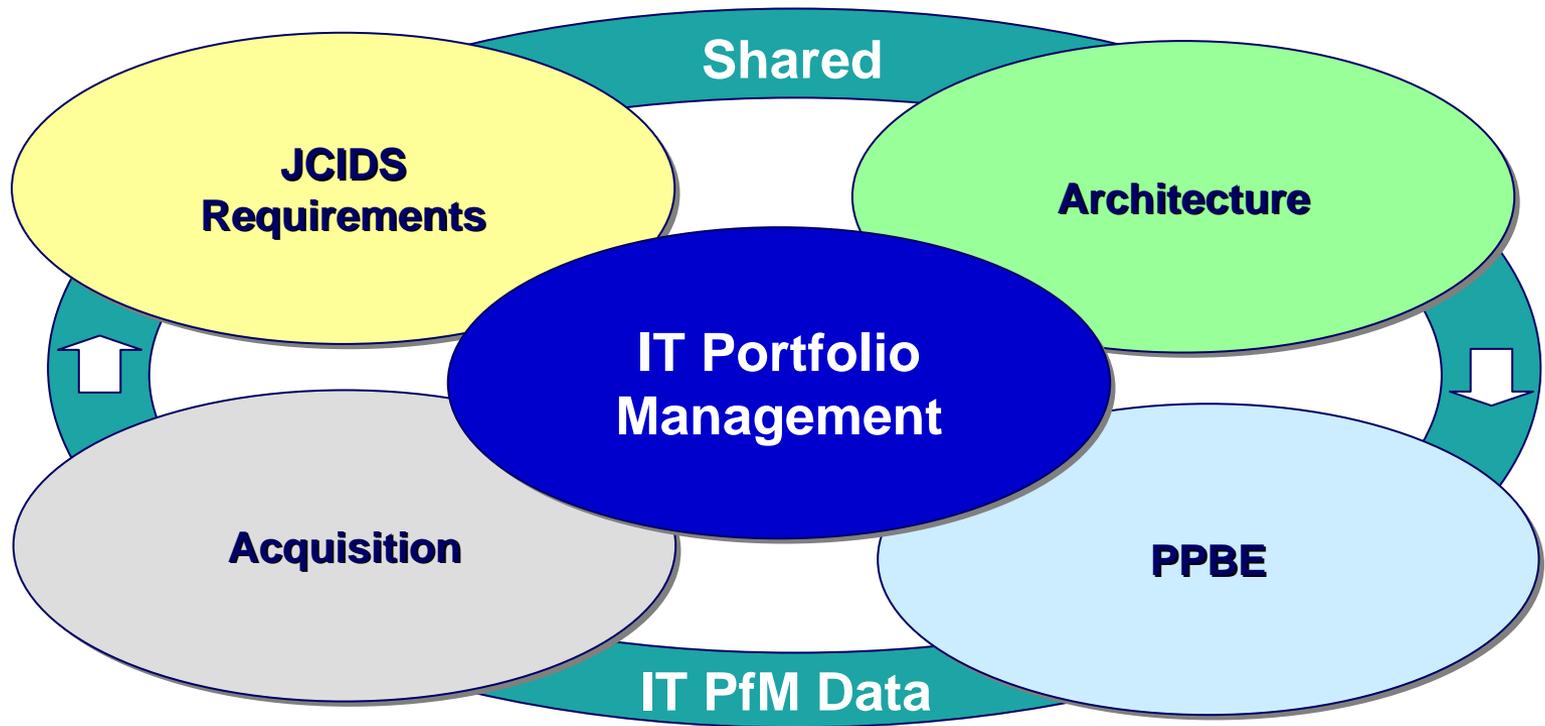


MR = Master Record

The DADMS Master Record approach enables DON to transition from managing IT assets as individual components to managing IT as collective identifiable parts of integrated systems and architectures, and mapping IT assets to systems and budgets to inventories



DON ITAM and the Shared Data Environment

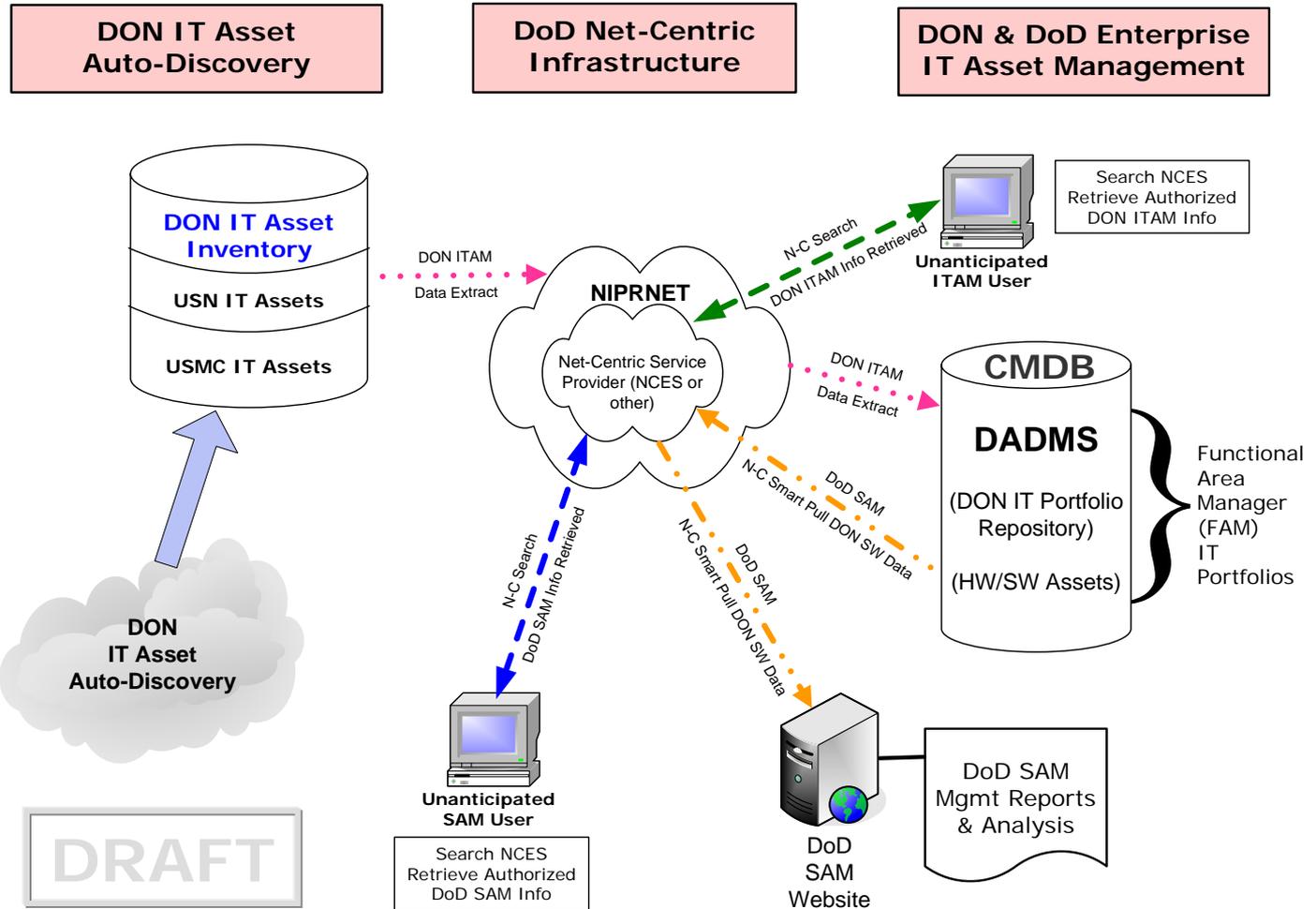


The Shared Data Environment enables ITAM and the foundation processes of Pm



DON ITAM

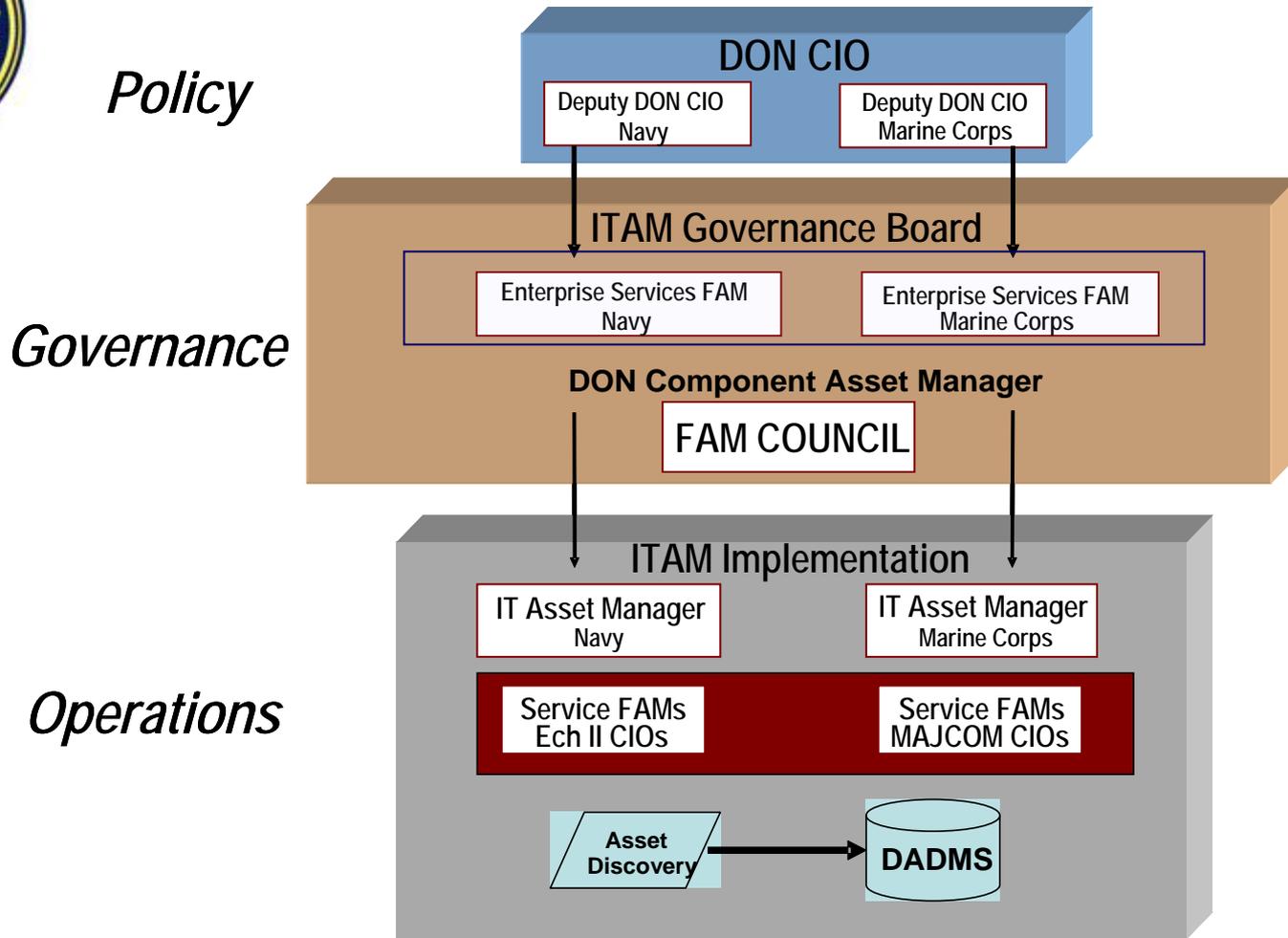
Information Exchange



The ITAM Logical Architecture implements Network Auto Discovery Tools to the existing information exchange process



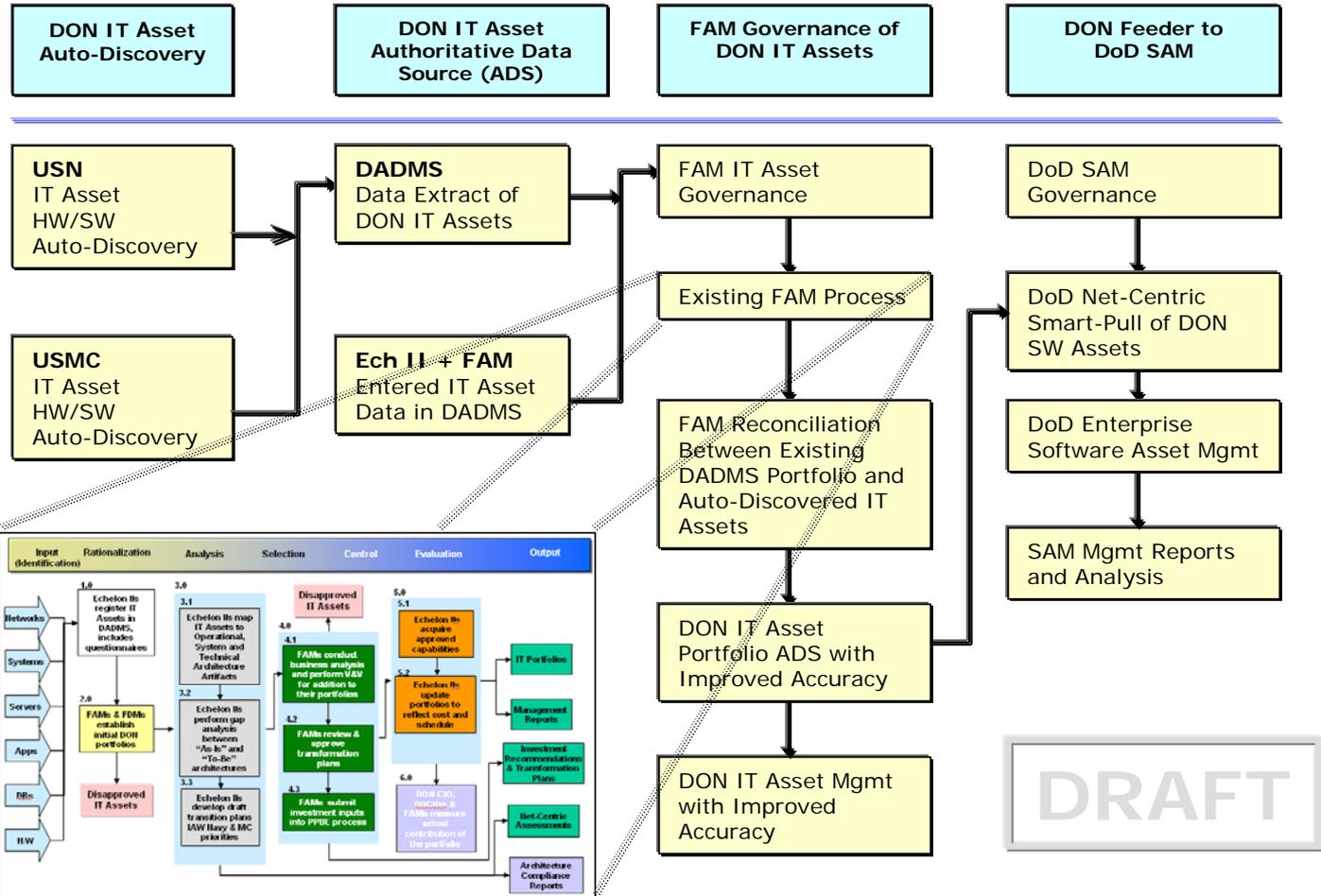
ITAM Structure and Roles



Existing DON CIO, Service and FAM responsibilities are tailored to manage and implement the ITAM program



DON ITAM and Existing FAM Process



DRAFT

The DON FAM process is 80% of the ITAM solution



Increment 0 – ITAM Requirements and Concept Definition

- **DON CIO**

- Issue SECNAV memo implementing ITAM
- Develop ITAM Communications and Outreach Plan

- **DON CIO, Deputy CIOs**

- Develop DON ITAM implementation strategy
- Define ITAM system requirements
- Link ITAM Schedule to NGEN and CIO Campaign

- **DON CIO, Deputy CIOs, FAMs**

- Define ITAM staff requirements
- Incorporate DON ITAM into DON IM/IT Strategic Plan
- Rewrite 5000.36A to incorporate ITAM responsibilities



Increment 0 – ITAM Requirements and Concept Definition (cont.)

- **DON Deputies, FAMS**
 - Identify/Define IT Asset Use Cases
- **FAMS**
 - Complete DADMS Master Record
- **DON CIO Resource Sponsor**
 - POM for ITAM support



Increment 1 – Baseline Reconciliation

- **DON CIO, Deputy CIOs**
 - Select DON Auto-discovery tool
 - Standardize ITAM system architecture
- **DON CIO, FAMs, Ech-Its, FDMs**
 - Institute draft DON IT Portfolio Mgmt and Asset Mgmt Process through Master Record



Increment 2 – ITAM Process Automation

- **DON CIO**
 - Import CARS data into DADMS
 - Institutionalize ITAM
- **DON CIO, Deputy CIOs**
 - Develop interface between DADMS and auto discovery tools
- **DON CIO, FAMs, Ech-Its, FDMs**
 - Develop DON ITAM module in DADMS
 - Initiate Autonomous ITAM



Increment 3 – ITAM Process Expansion and Optimization

- **DON CIO**
 - Develop ITAM security plan
 - Issue final ITAM documentation
 - Capture ITAM ROI
- **DON CIO, Deputy CIOs**
 - Develop ITAM training plan
- **DON CIO, FAMs, Ech-IIs, FDMs**
 - Modernize ITAM to more effectively support DON operations and users



Increment 4 – ITAM Capability Extensions

- **DON CIO**

- **Modernize ITAM to effectively support additional operations and functions**
- **Implement DON IT Network Configuration and Change Management**
- **Implement DON IT Network Service Level Management**
- **Implement Selected Information Assurance functions**
- **Automate non-IP network asset inventories**



Recommendations

Implement ITAM

Identify funding to support the
DON ITAM solution



BACKUP SLIDES



IT and NSS Domains

***Information
Technology***

NSS*

includes any telecommunications or info. system the function, operation, or use of which-

- (1) involves intelligence activities;**
- (2) involves cryptologic activities related to national security;**
- (3) involves command & control of military forces;**
- (4) involves equipment that is an integral part of a weapon or weapons system; or**
- (5) is critical to the direct fulfillment of military or intelligence missions, BUT does not include a system that is to be used for routine administrative and business applications***

* including payroll, finance, logistics, and personnel management applications

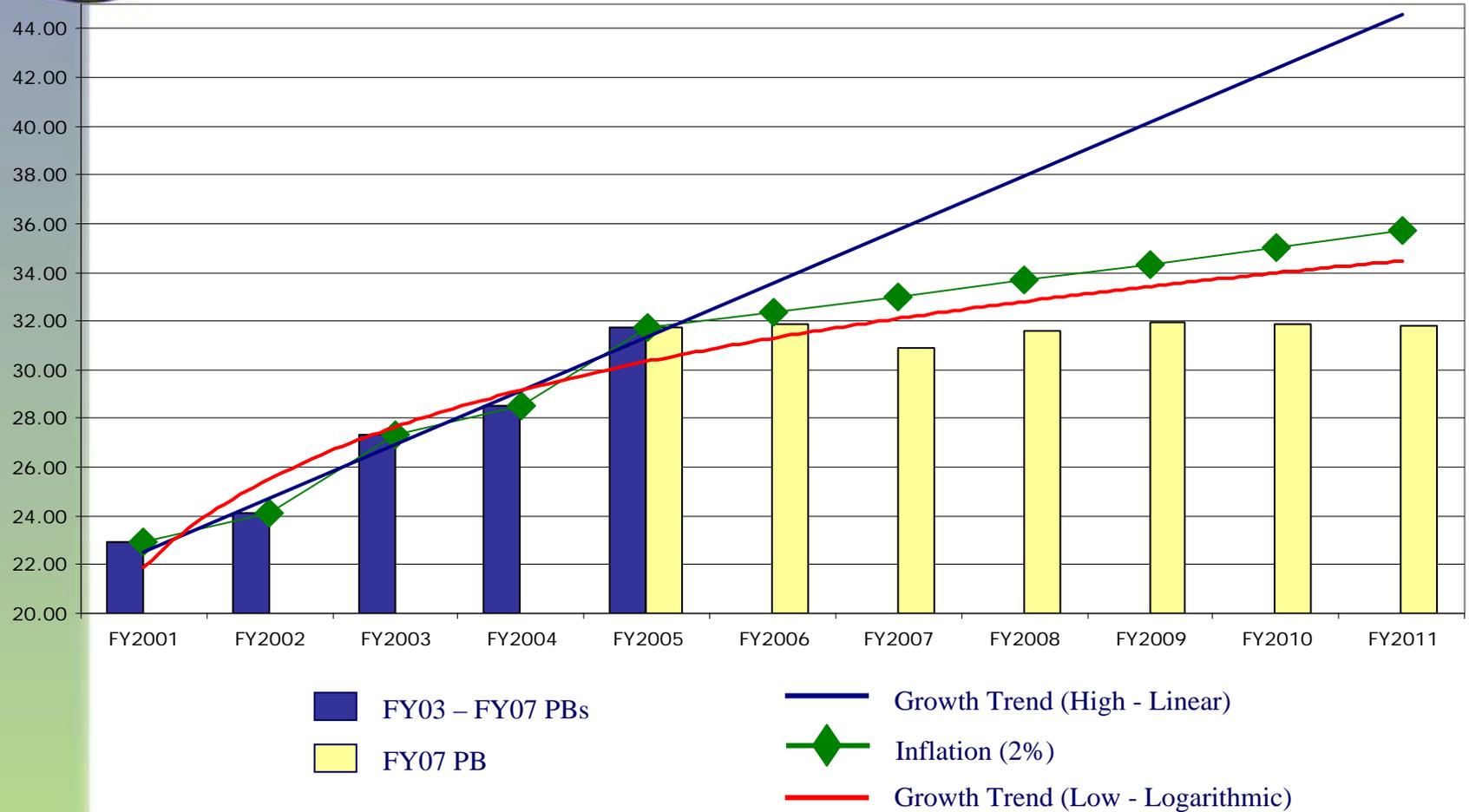


What is Excluded from IT Budget Numbers

- Resources managed and controlled by the Director of National Intelligence (DNI).
- IT embedded in weapons platforms (e.g., tanks, tactical vehicles, ships, aircraft)
- Not just an accounting or portfolio issue
- Many are part of the “Net-Centric” networks



IT Budget Growth Trends (ACTUALS)





Increment 0 – ITAM Requirements and Concept Definition

Action	Responsibility	Reference (Sections 1 or 2)	Date
Develop DON ITAM implementation strategy	DON CIO DON Deputy CIOs	2.2.2.1(5)	
Issue SECNAV memo implementing ITAM	DON CIO	2.2.2.1(5)	
Incorporate DON ITAM into DON IM/IT Strategic Plan	DON CIO, Deputies FAMs	1.3; 2.2.3; 2.2.2.1(5)	
Rewrite 5000.36A to incorporate ITAM responsibilities	DON CIO, Deputies, FAMs	1.3; 2.2.1	
Identify/Define IT Asset Use Cases	Deputies, FAMs	2.4	
Develop ITAM Communications and Outreach Plan	DON CIO	2.7	
Define ITAM system requirements	DON CIO, Deputies	2.2.2.1; 2.2.2.2	
Define ITAM staff requirements	DON CIO FAMs, E-ITs, FDMs	2.7	
POM for ITAM support	DON CIO Resource Sponsors	2.2.2.1 (6) 2.5	
Complete DADMS Master Record	FAMs	1.9; 2.0; 2.6.1	



Increment 1 – Baseline Reconciliation

Action	Responsibility	Reference (Sections 1 or 2)	Date
Institute draft DON IT Portfolio Mgmt and Asset Mgmt Process through Master Record	DON CIO FAMs, E-IIs, FDMs	2.6.1	
Select DON Auto-discovery tool	DON CIO DON Deputy CIOs	1.3	
Standardize ITAM system architecture	DON CIO DON Deputy CIOs	2.2.2.1, 2.3	



Increment 2 – ITAM Process Automation

Action	Responsibility	Reference (Sections 1 or 2)	Date
Develop DON ITAM module in DADMS	DON CIO FAMs, E-IIs, FDMs	1.2, 2.3.3, 2.6.2	
Develop interface between DADMS and auto discovery tools	DON CIO DON Deputy CIOs	1.9	
Import CARS data into DADMS	DON CIO	2.3.2	
Institutionalize ITAM	DON CIO	1.0, 2.7	
Initiate Autonomous ITAM	DON CIO FAMs, E-IIs, FDMs	1.9	



Increment 3 – ITAM Process Expansion and Optimization

Action	Responsibility	Reference (Sections 1 or 2)	Date
Modernize ITAM to more effectively support DON operations and users	DON CIO FAMs, E-IIs, FDMs	2.3, 2.7, Appendix D	
Develop ITAM training plan	DON CIO DON Deputy CIOs	2.2.2.2, 2.7	
Develop ITAM security plan	DON CIO	1.1, 2.0, 2.8	
Issue final ITAM documentation	DON CIO	2.3, Appendix D	
Capture ITAM ROI	DON CIO	1.2	



Increment 4 – ITAM Capability Extensions

Action	Responsibility	Reference (Sections 1 or 2)	Date
Modernize ITAM to effectively support additional operations and functions	DON CIO DON Deputy CIOs	2.0, 2.3, 2.5, 2.7, 3.1	
Implement DON IT Network Configuration and Change Management	DON CIO DON Deputy CIOs	2.0, 2.3, 2.3.5, 2.5, 2.7	
Implement DON IT Network Service Level Management	DON CIO DON Deputy CIOs	2.0, 2.3, 2.3.5, 2.5, 2.7	
Implement DON IT Network Service Desk Capability and Management	DON CIO DON Deputy CIOs	2.3	
Implement Selected Information Assurance functions	DON CIO DON Deputy CIOs	1.1, 1.2, 1.5, 2.2.2.2, 2.3.5	
Automate non-IP network asset inventories	DON CIO DON Deputy CIOs	1.2, 1.3, 2.0, 2.3	