



**Enabling Business Transformation**

**Weapon System Lifecycle Management  
Core Business Mission**

**2006 Business Managers Conference**

**May 9, 2006**



## Takeaways

- ▶ Baseline understanding of the *WSLM CBM* and the *Acquisition Visibility Business Enterprise Priority* (BEP).
- ▶ WSLM approach for business transformation.
- ▶ Current and future IT capabilities to support acquisition management and oversight .



# Weapon Systems Life-cycle Management

- ▶ **The WSLM CBM is responsible for full lifecycle management of Defense acquisition of weapons systems and automated information systems to include requirements, technology development, production and sustainment.**
  
- ▶ **Challenges**
  - Motivate WSLM process owners to achieve process transformation through Continuous Process Improvement.
  - Enable a common and authoritative analytical framework and supporting information sources that will transparently link strategic decision making to the execution of those decisions.
  - Enable improvements to Acquisition processes and practices as set-out in the USD(AT&L) Goals and Objectives and QDR initiatives.
    - Reduce time and cost of providing information supporting decision-making and oversight.
    - Establish transparency within programs and across portfolios and capabilities.
    - Define performance measures and leading indicators for responsible spending.
    - Transition DAES to direct data with access as required.



# Acquisition Visibility (AV) Business Enterprise Priority

## ▶ Acquisition Visibility

- **Focused** on providing **transparency** and **access to acquisition information** that is critical to supporting life-cycle management integral to the Department's processes which deliver weapon systems and automated information systems.

## ▶ AV Vision

- **Timely** access to accurate, authoritative, and reliable information supporting acquisition decision-making, accountability, and oversight throughout the Department for effective and efficient delivery of Warfighter Capabilities.

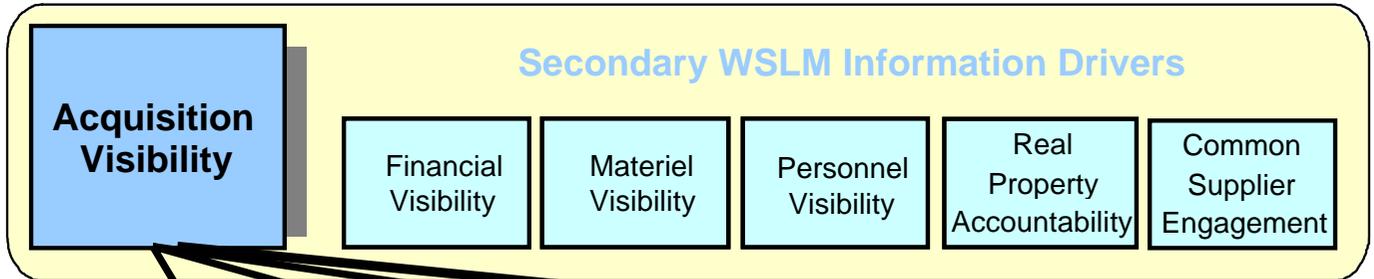
## ▶ AV Benefits

- **Integration** of the diverse aspects of Defense acquisition, technology and logistics into a coherent process that supports the National Security Strategy and makes the most effective use of resources.

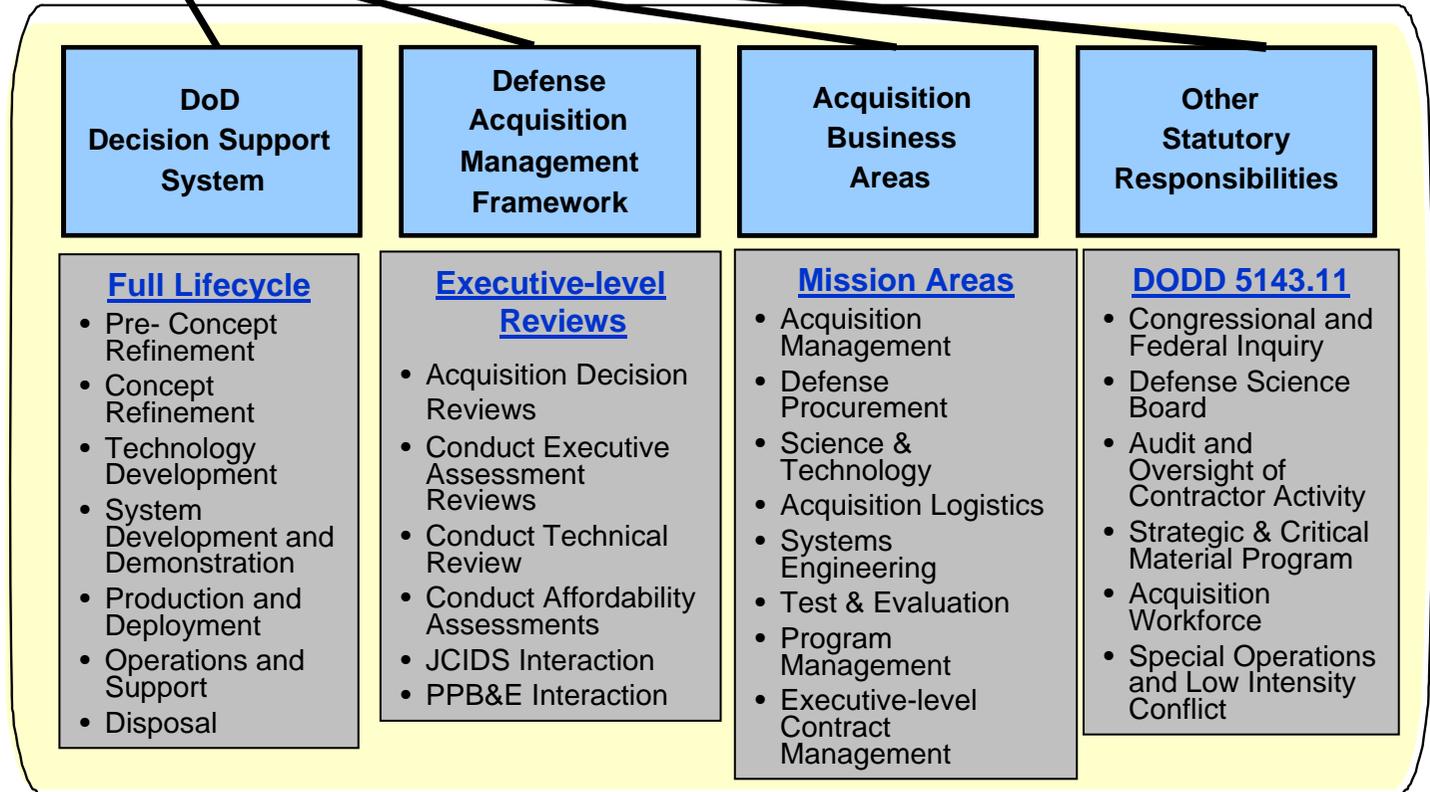


# Weapon Systems Life-cycle Management (WSLM)

**DoD  
Enterprise  
Priorities**



**Primary  
WSLM  
Acquisition  
Information  
Drivers**





# WSLM Enterprise Systems

## ▶ Three Enterprise Systems Identified to Date

### ▪ Defense Acquisition Information Retrieval (DAMIR)

- Capability to leverage existing data sources and share relevant information to the user community regardless of source *initial focus on oversight capability*
- Spiral development approach to meet customer needs for access to authoritative information and *replace the Consolidated Acquisition Reporting System*

### ▪ USXPORTS

- Automated export licensing review and approval process within DoD; interfaces with Department of State, and Department of Commerce for commercial business requests to export DoD technology
- Electronically disseminates export data using an automated workflow process within DoD, and transfers license application data among interagency export community
- Potential candidate to be designated a federated system

### ▪ Research and Engineering (R&E) Portal

- Single sign-on information gateway for the R&E community
- Source for all current and historical R&E information, including all DTIC technical data resources, R&E planning documents, financial databases and other R&E resources



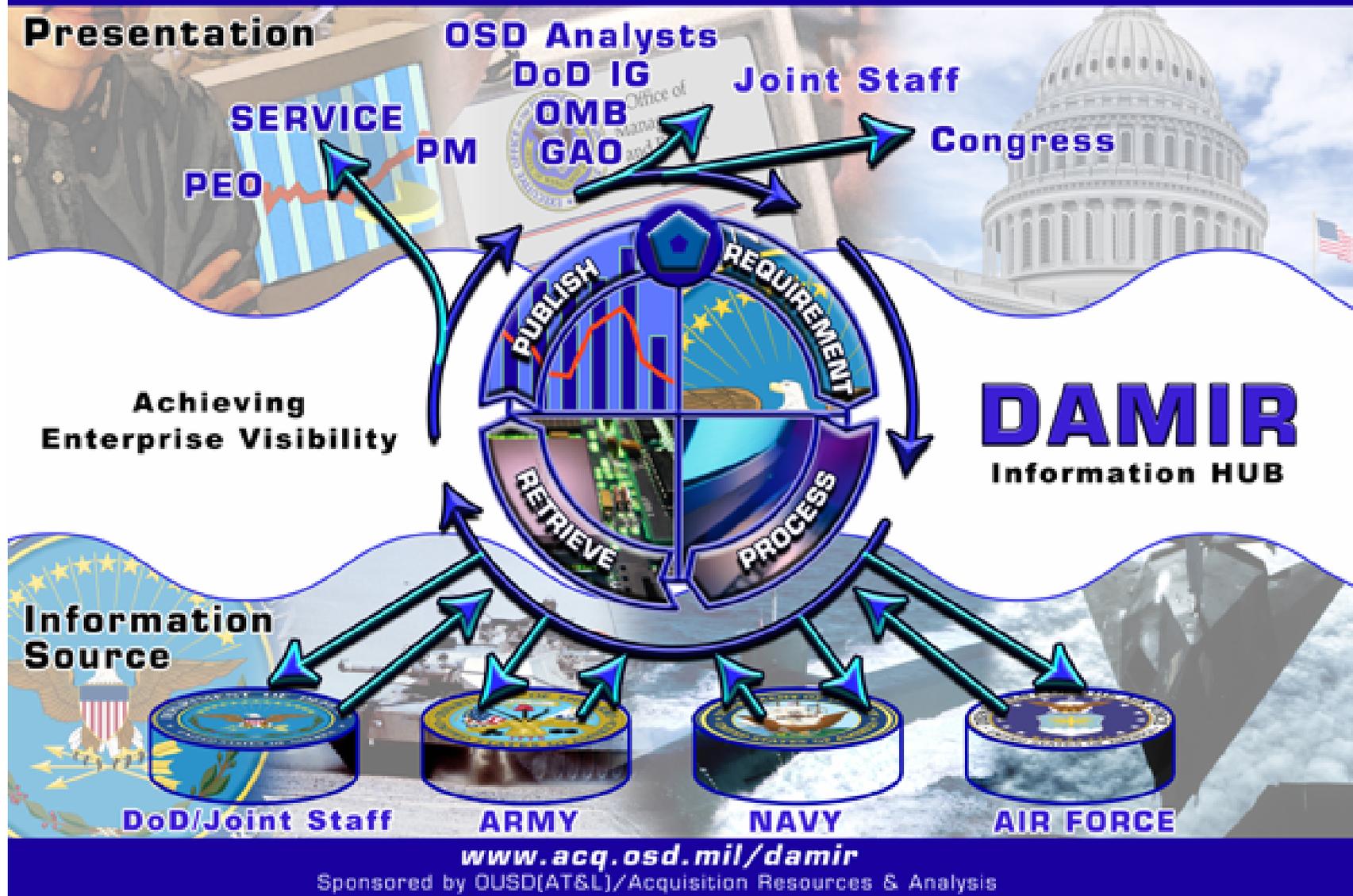
## What is DAMIR?

- ▶ ***Defense Acquisition Management Information Retrieval (DAMIR)*** is a DoD initiative to provide enterprise visibility to Acquisition program information.
- ▶ **The DAMIR capability is supported by the DAMIR Web Services and a web-based suite of applications.**
  - ***DAMIR Web Services*** create a net-centric environment that allows DAMIR to pull data directly from the authoritative source, such as the Service level acquisition information systems - AIM, Dashboard and SMART.
  - ***DAMIR Purview*** is an executive information system that displays program information such as mission and description, cost, funding and schedule, providing a comprehensive view of the current state of all MDAP and MAIS programs.
  - ***DAMIR Virtual Library*** is a search tool for unstructured data discovery, delivering the capability to search through supplemental program information stored in multiple formats and in disparate locations.

**DAMIR Delivers Electronic Unclassified SARs to Congress**

# DAMIR Vision

## DEFENSE ACQUISITION MANAGEMENT INFORMATION RETRIEVAL





## **DAMIR Capability**

- ▶ **Provides enterprise visibility to Acquisition Program Information**
- ▶ **Streamlines Program Management by eliminating burdensome reporting**
- ▶ **Allows OSD to perform its oversight role and respond to OMB and Congressional needs**
- ▶ **Leverages existing data sources**
- ▶ **Improves data consistency and timeliness of information**
- ▶ **Enables two-way information flow**
- ▶ **Retires the family of legacy acquisition reporting systems (i.e. Consolidated Acquisition Reporting System (CARS))**



# DAMIR Way Ahead

**AIM (Army)**  
Acquisition Information  
Management

Earned Value Management Information



**DAMIR**  
Web Services

**DAMIR**  
Purview

SAR Information  
DAES Reporting Information  
Acquisition Program Baseline Information  
OSD Assessment Information

PMs, PEOs, OSD Analysts,  
Joint Staff, Congress



**CARS**  
Consolidated Acquisition  
Reporting System

Contract Information  
General Program Level Information  
End Item Delivery Information  
Earned Value Management Information  
Budget Information  
Performance Parameter Information  
Cost Information  
Schedule Information  
Program Assessment Information  
SAR Information  
DAES Reporting Information  
Unit Cost Reporting Information  
Program Deviation Reporting Information  
Acquisition Program Baseline Information

**DAMIR**  
DAES Review

Program Assessment Information

**DAMIR**  
Virtual Library

Access to Additional Sources of Acquisition  
Data  
Including Web Servers, Databases and File  
Servers



# DAMIR Way Ahead

**AIM (Army)**  
Acquisition Information Management

**SMART (Air Force)**  
System Metric and Reporting Tool

**Dashboard (Navy)**

- Contract Information
- General Program Level Information
- End Item Delivery Information
- Earned Value Management Information
- Budget Information
- Performance Parameter Information
- Cost Information
- Schedule Information
- Program Assessment Information
- Unit Cost Reporting Information
- Program Deviation Reporting Information
- Acquisition Program Baseline Information

- SAR Information
- DAES Reporting Information
- OSD Assessment Information

**SAR Web Application**

- SAR Information

**DAMIR Purview**

- SAR Information
- DAES Reporting Information
- Acquisition Program Baseline Information
- OSD Assessment Information

PMs, PEOs, OSD Analysts, Joint Staff, Congress

**DAMIR Web Services**



**DAMIR DAES Review**

- Program Assessment Information

**DAMIR Virtual Library**

- Access to Additional Sources of Acquisition Data
- Including Web Servers, Databases and File Servers



# DAMIR Way Ahead

**AIM (Army)**  
Acquisition Information Management

**SMART (Air Force)**  
System Metric and Reporting Tool

**Dashboard (Navy)**

- Contract Information
- General Program Level Information
- End Item Delivery Information
- Earned Value Management Information
- Budget Information
- Performance Parameter Information
- Cost Information
- Schedule Information
- Program Assessment Information
- Unit Cost Reporting Information
- Program Deviation Reporting Information
- Acquisition Program Baseline Information

**A PLUS (NII)**  
Acquisition Program List Uniform Synopsis

- Contract Information
- General Program Level Information
- End Item Delivery Information
- Earned Value Management Information
- Budget Information
- Performance Parameter Information
- Cost Information
- Schedule Information
- Program Assessment Information

- SAR Information
- DAES Reporting Information
- OSD Assessment Information

**SAR Web Application**

- SAR Information

**DAMIR Purview**

- SAR Information
- DAES Reporting Information
- Acquisition Program Baseline Information
- OSD Assessment Information

PMs, PEOs, OSD Analysts, Joint Staff, Congress

**DAMIR Web Services**



**DAMIR Web Services**

**DAMIR DAES Review**

- Program Assessment Information

**DAMIR Virtual Library**

- Access to Additional Sources of Acquisition Data
- Including Web Servers, Databases and File Servers



# DAMIR Way Ahead

**AIM (Army)**  
Acquisition Information Management

**SMART (Air Force)**  
System Metric and Reporting Tool

**Dashboard (Navy)**

- Contract Information
- General Program Level Information
- End Item Delivery Information
- Earned Value Management Information
- Budget Information
- Performance Parameter Information
- Cost Information
- Schedule Information
- Program Assessment Information
- Unit Cost Reporting Information
- Program Deviation Reporting Information
- Acquisition Program Baseline Information

**Military Equipment Valuation (AT&L)**

**A PLUS (NII)**

Acquisition Program List Uniform Synopsis

- Contract Information
- General Program Level Information
- End Item Delivery Information
- Earned Value Management Information
- Budget Information
- Performance Parameter Information
- Cost Information
- Schedule Information
- Program Assessment Information

- SAR Information
- DAES Reporting Information
- OSD Assessment Information

**SAR Web Application**

- SAR Information

**DAMIR Web Services**



- SAR Information
- DAES Reporting Information
- Acquisition Program Baseline Information
- OSD Assessment Information

**DAMIR Purview**

PMs, PEOs, OSD Analysts, Joint Staff, Congress

**DAMIR Web Services**

**DAMIR DAES Review**

- Program Assessment Information

**DAMIR Virtual Library**

- Access to Additional Sources of Acquisition Data
- Including Web Servers, Databases and File Servers



# DAMIR Way Ahead

**AIM (Army)**  
Acquisition Information Management

**SMART (Air Force)**  
System Metric and Reporting Tool

**Dashboard (Navy)**

- Contract Information
- General Program Level Information
- End Item Delivery Information
- Earned Value Management Information
- Budget Information
- Performance Parameter Information
- Cost Information
- Schedule Information
- Program Assessment Information
- Unit Cost Reporting Information
- Program Deviation Reporting Information
- Acquisition Program Baseline Information

**Military Equipment Valuation (AT&L)**

**A PLUS (NII)**

Acquisition Program List Uniform Synopsis

- Contract Information
- General Program Level Information
- End Item Delivery Information
- Earned Value Management Information
- Budget Information
- Performance Parameter Information
- Cost Information
- Schedule Information
- Program Assessment Information

- SAR Information
- DAES Reporting Information
- OSD Assessment Information

**SAR Web Application**

- SAR Information

- SAR Information
- DAES Reporting Information
- Acquisition Program Baseline Information
- OSD Assessment Information

PMs, PEOs, OSD Analysts, Joint Staff, Congress

**IAMD Roadmap (JTAMDO)**  
Integrated Air and Missile Defense Roadmap System Tracking Repository

**DPD DW (PA&E)**  
Defense Programming Database Data Warehouse

**Science and Technology Portal (DDR&E)**

⋮

**DAMIR Web Services**



**DAMIR Web Services**

**DAMIR DAES Review**

- Program Assessment Information

**DAMIR Web Services**

**DAMIR Virtual Library**

- Access to Additional Sources of Acquisition Data
- Including Web Servers, Databases and File Servers

**MMT (DS)**  
Matrix Mapping Tool

**DAMIR Purview**



## Perceived DAES Shortcomings

- ▶ ***Information Not Timely*** – Programs report quarterly
- ▶ ***Workload Intensive*** – Separate reporting systems – duplication of effort
- ▶ ***Questionable Data Set*** – Focus is too broad
- ▶ ***Not Proactive*** – Limited Early warning/Resolution opportunity
- ▶ ***Limited Objectivity*** – Ratings highly subjective and inconsistent
- ▶ ***Limited Accountability*** – Not meeting expectations
- ▶ ***Opportunity Cost***



## Way Ahead

### ▶ **Implement a new oversight model reflecting these essential characteristics**

- Quarterly reviews by Service
  - Services with OSD input sets the agenda
    - Early warning issues
    - Problem/High Priority Programs
  - Depth appropriate to the issue at hand
- Use Service posted data – Data Transparency
- Access to monthly EVM data for health checks



## New Oversight Model Desired Attributes

- ▶ Focus on program success
- ▶ Enable early warning / Timely resolution
- ▶ Accountability
- ▶ Consistent leading indicators
- ▶ Stay out of the details – minimal burden
- ▶ Supports other processes (e.g. Concept Decision, Capability Assessments, etc.)

*Manage by Exception*



## DAMIR POCs

Organization	POC	E-mail	Phone Number
<b>OSD</b>	Elizabeth Flaharty	<a href="mailto:Elizabeth.Flaharty@osd.mil">Elizabeth.Flaharty@osd.mil</a>	(703) 693-7954
	Lynne Giordano	<a href="mailto:Lynne.Giordano.ctr@osd.mil">Lynne.Giordano.ctr@osd.mil</a>	(703) 693-7951
<b>AIR FORCE</b>	Lt Col John Garrett	<a href="mailto:John.Garrett@pentagon.af.mil">John.Garrett@pentagon.af.mil</a>	(703) 588-7219
	Maj Joseph Finotti	<a href="mailto:Joseph.Finotti@pentagon.af.mil">Joseph.Finotti@pentagon.af.mil</a>	(703) 588-2682
<b>ARMY</b>	Bob Ordonio	<a href="mailto:Robert.Ordonio@us.army.mil">Robert.Ordonio@us.army.mil</a>	(703) 604-7441
	Terry McElroy	<a href="mailto:Terence.McElroy@us.army.mil">Terence.McElroy@us.army.mil</a>	(703) 604-7432
<b>NAVY</b>	Page Glennie	<a href="mailto:Page.Glennie@navy.mil">Page.Glennie@navy.mil</a>	(703) 693-4019
	Katie Cewe	<a href="mailto:Katie.Cewe@navy.mil">Katie.Cewe@navy.mil</a>	(703) 614-0144
	Paulette Whitaker	<a href="mailto:Paulette.Whitaker@navy.mil">Paulette.Whitaker@navy.mil</a>	(703) 614-0145

**DAMIR Website:** [www.acq.osd.mil/DAMIR](http://www.acq.osd.mil/DAMIR)

**DAMIR e-mail:** [damir@osd.mil](mailto:damir@osd.mil)