



Joint Air and Missile Defense Community of Interest (JAMD COI) Net-Centric Migration Activities

Joint Air and Missile Defense Community of Interest (JAMD COI)

“The Hub of Net-Centric Migration Activities for Joint IAMD”

Co-Directors



Ole Knudson
BG, USA
Program Executive Officer,
Missiles and Space (PEO MS)



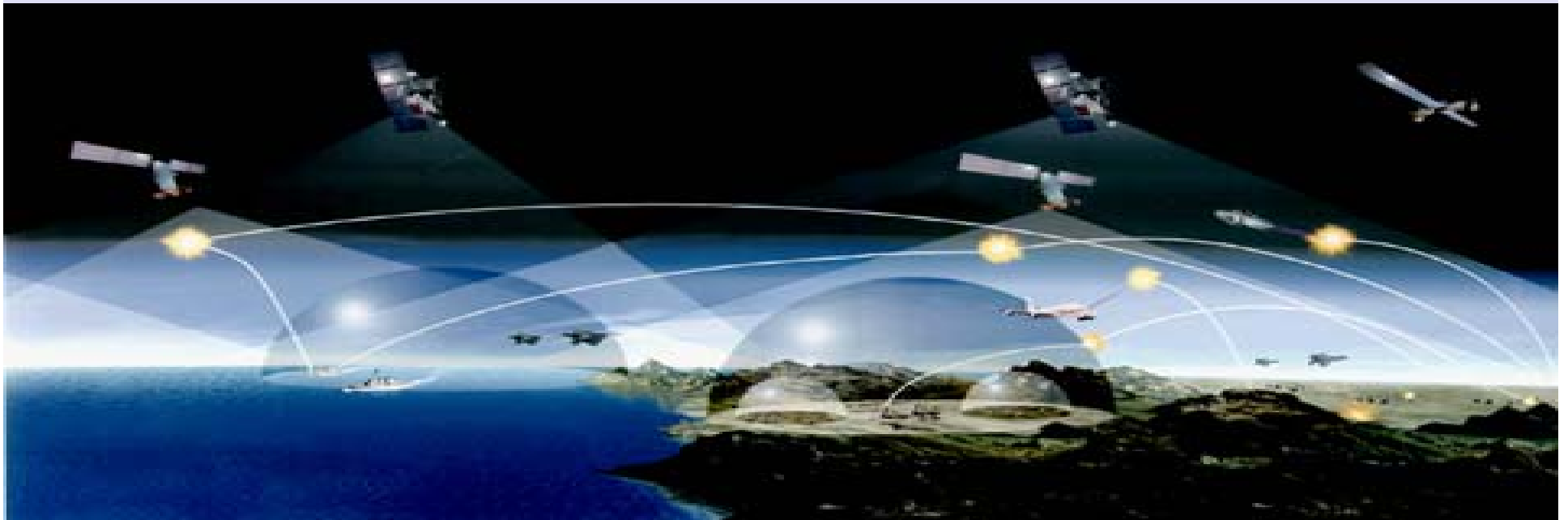
Evan J. Hoapili
Senior Executive Service (SES)
J8A
USSTRATCOM

UNCLASSIFIED

Purpose



**Provide an Overview of JAMD COI Joint and Multinational
Net-Centric Integration/Migration Activities to Include
Establishment of Common Net-Centric Products to
include the IAMD XML Schema (CIXS) XML Standard**



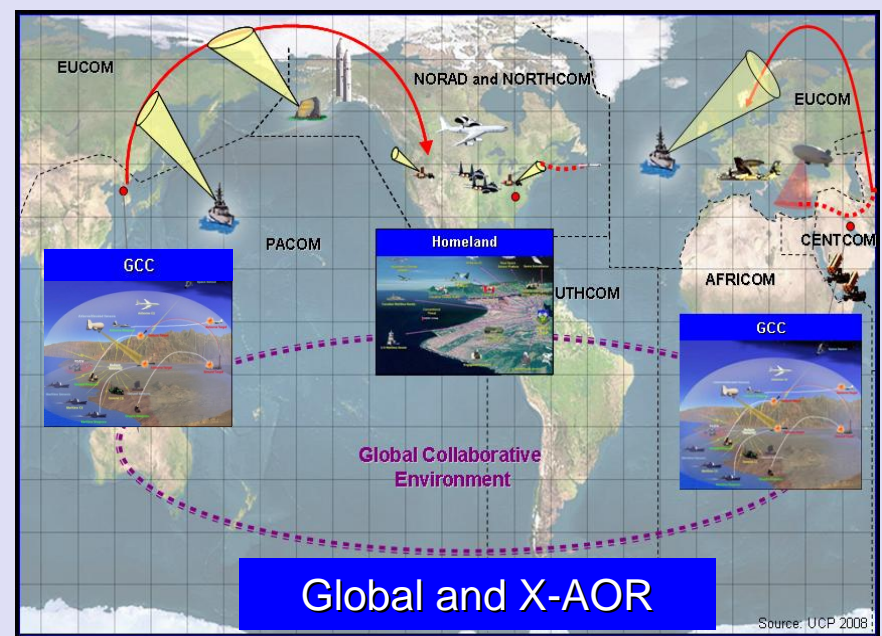
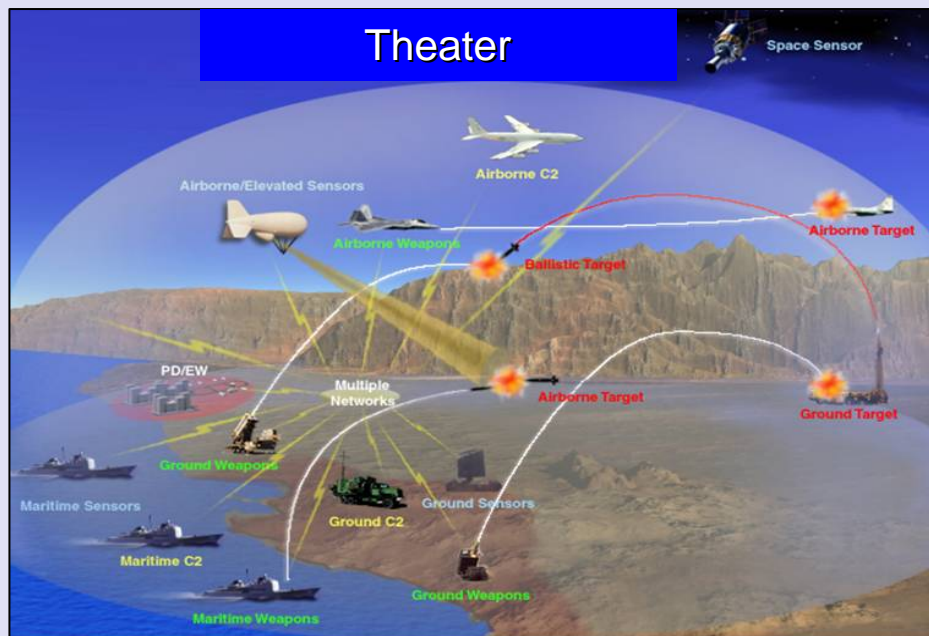
UNCLASSIFIED

UNCLASSIFIED



Joint Air and Missile Defense Community of Interest Mission

- Support migration of the Joint and Multinational IAMD communities toward Net-Centric Operations and Warfare through *the development of a single common data standard/ vocabulary for the JIAMD community as well as other JIAMD Net-Centric Products*
- Establish a strategy for programs within the JAMD COI portfolio to *actively address the Net-Ready KPP* and to *support the PMs with Net-Centric expertise and artifacts/tools*
- Establish a framework that *supports PMs in leveraging DoD and industry technologies* to bring services-oriented architecture (SOA) capabilities to the Joint IAMD Warfighter (i.e., web technologies)



UNCLASSIFIED

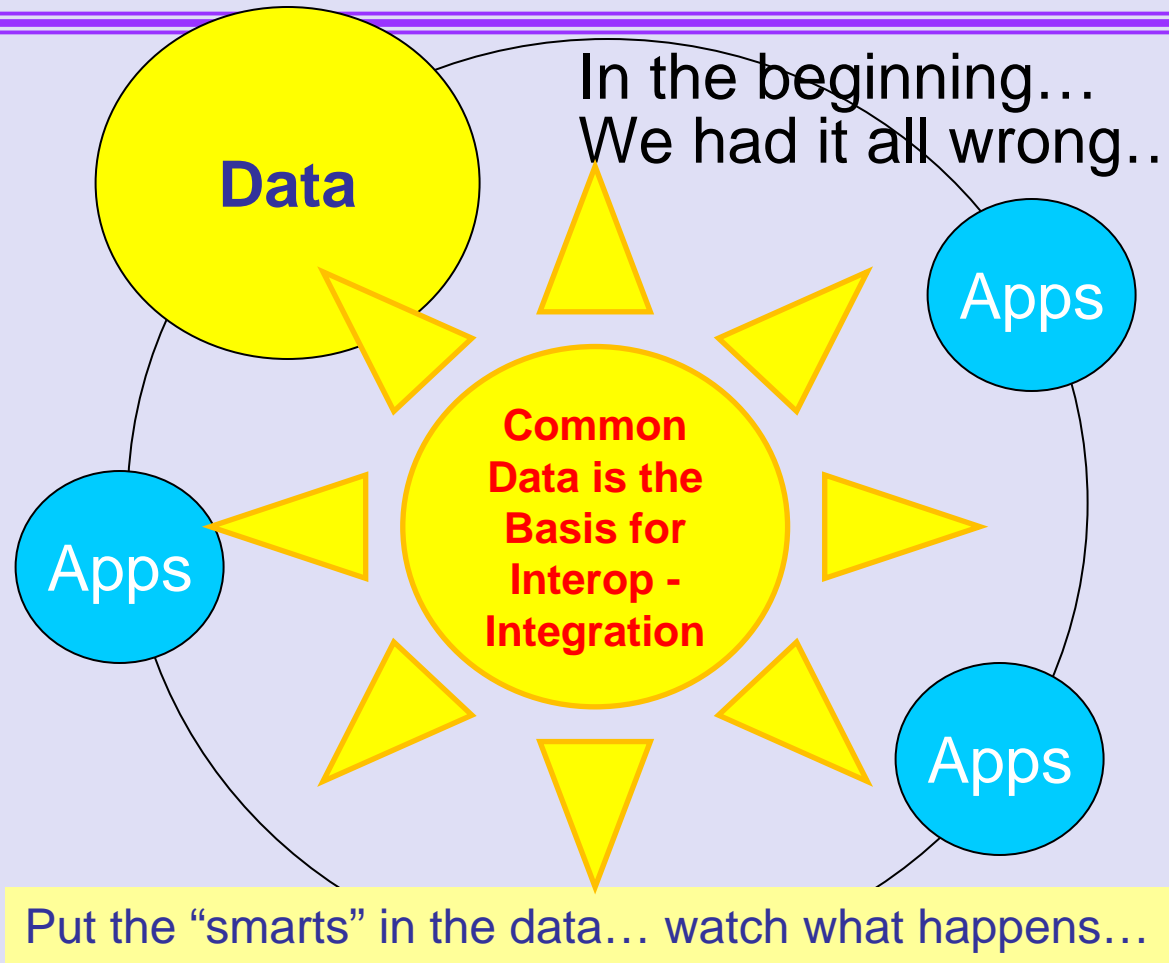


Background

UNCLASSIFIED



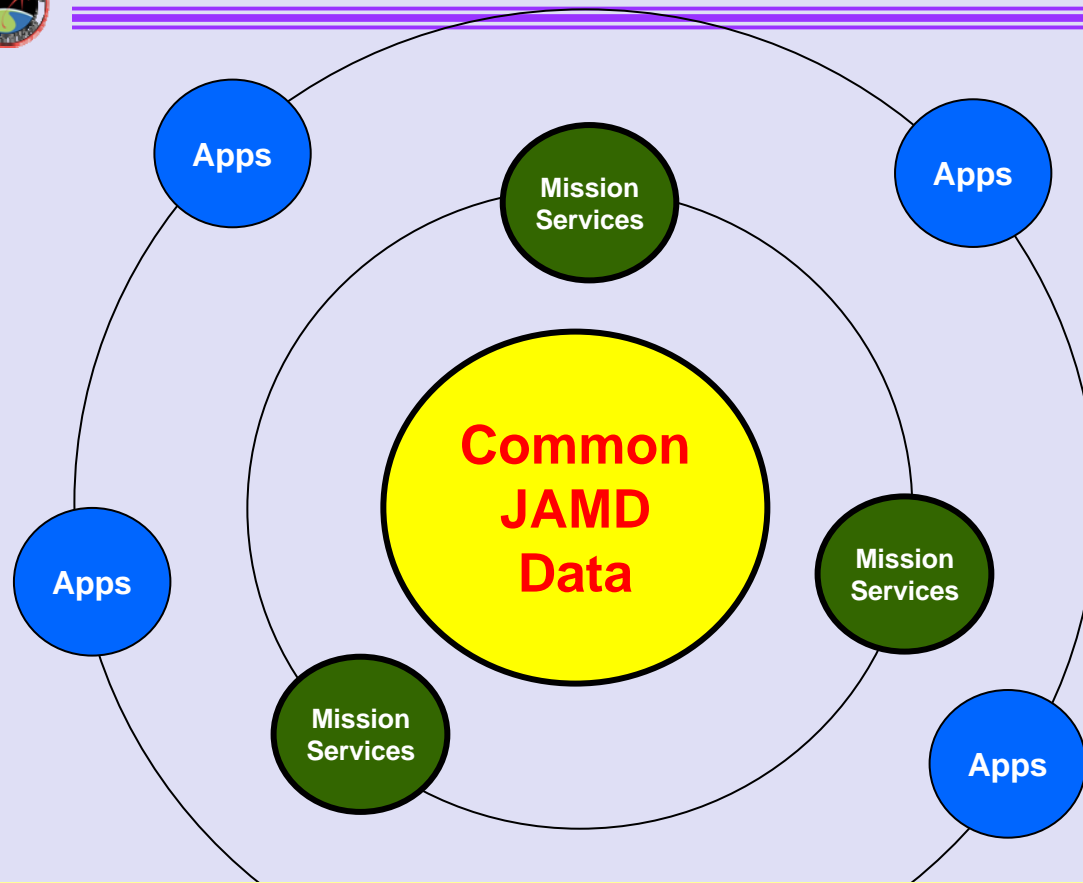
“Copernican Shift” in Interoperability - Integration



***“It’s the data, stupid! Break down the vertical cylinders of excellence.”
-Gen. Cartwright, JIAMD Summit-07***

UNCLASSIFIED

The Role of Common Data / Mission Services



The Service-Oriented Architecture (SOA) component of the Net-Centric Data Strategy Requires...

...Building Applications that leverage common Mission Services built on common data!

Develop Mission Services Based on Common Data...

Break Down the Stove Pipe CPs, Dedicated Radios and Networks... Mission Services Available to All Authorized Users.



Key Components of the DOD Net-Centric Data Strategy

Department of Defense
Chief Information Officer



Make Data Visible

Is an information resource **discoverable** by end-users?

Make Data Accessible

Is it connected to the network(s), and are tools readily available to use and allow assured access to it?

Make Data Understandable

Can it be used intelligibly? Are the **semantics well documented**?

Make Data Governable

Are **data processes governed with sustained leadership**?

Enable Data to Be Trusted

Is the **authority (pedigree, security level, and access control level) known and available**?

Make Data Interoperable

Can it be easily combined or compared with other information and/or mediated?

Be Responsive to User Needs

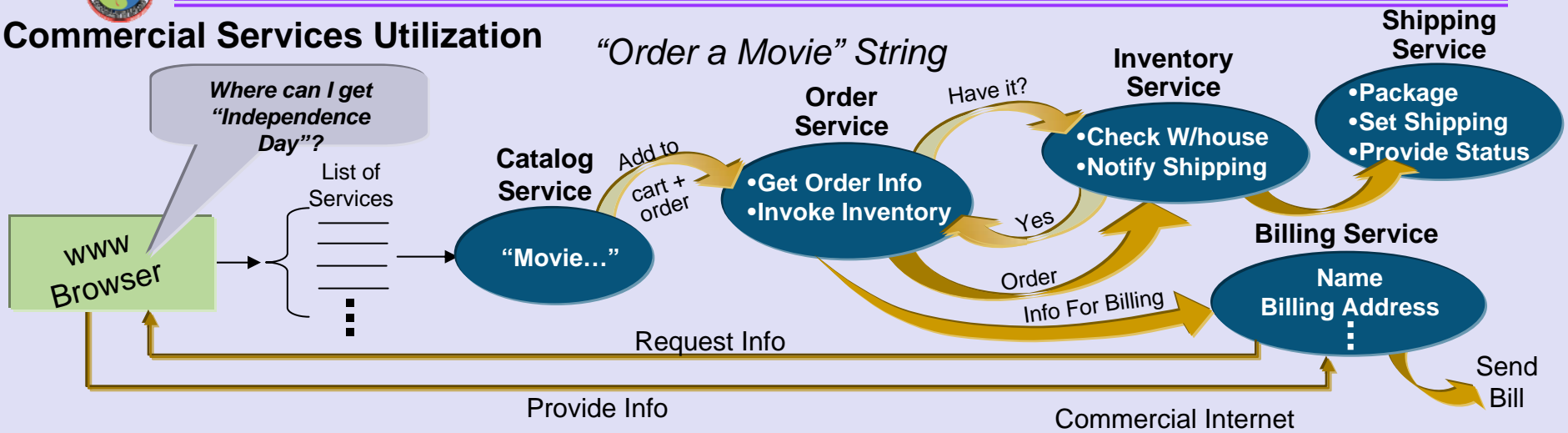
Are **users involved in COIs**? Are robust, direct user feedback mechanisms in place?

Creating an Information Advantage

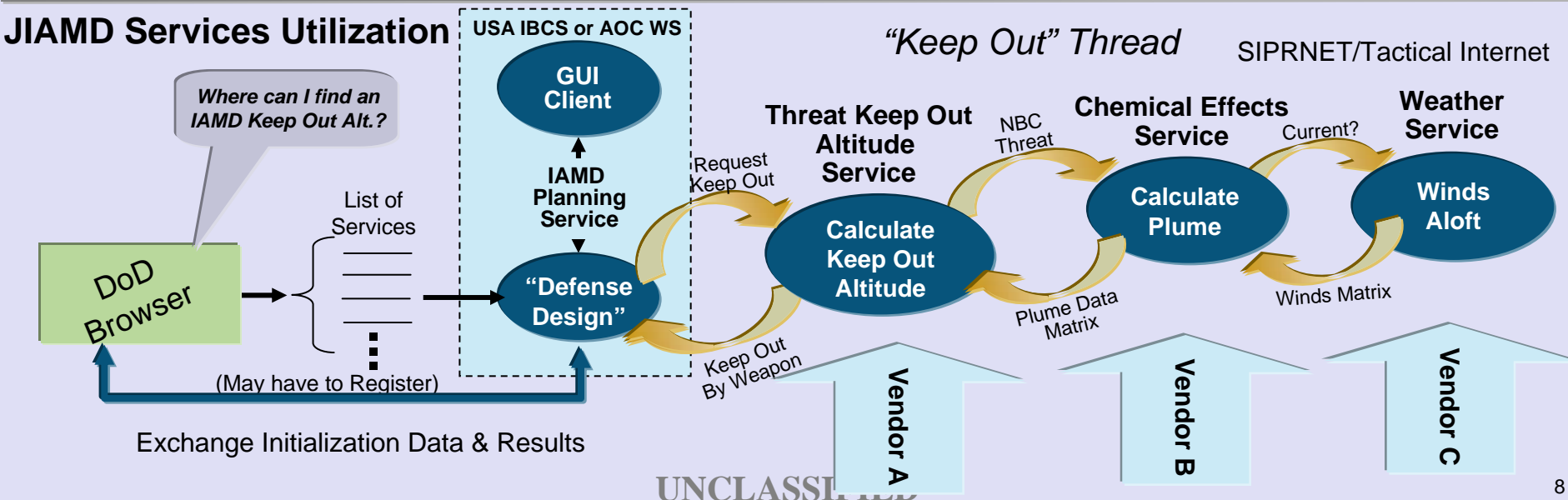


JIAMD Mission Services (Use Commercial Approach)

Commercial Services Utilization



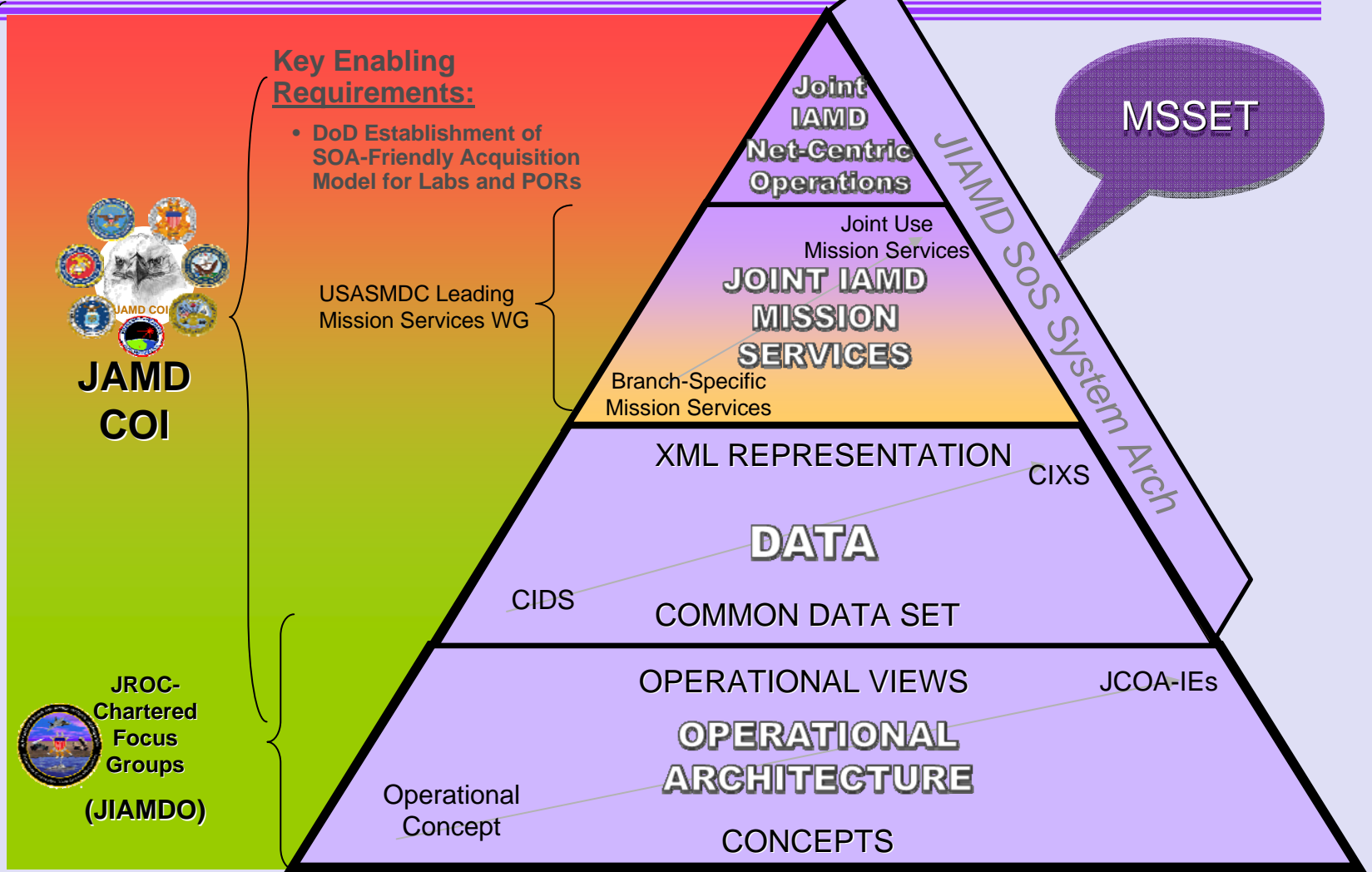
JIAMD Services Utilization



JAMD Net-Centric Migration Hierarchal Dependencies



AMD IA
Coordination
& Oversight
(USSTRATCOM)



Acronyms: **AMD IA**-AMD Integrating Authority; **POR**-Program of Record; **CIDS**-Common IAMD Data Set; **CIXS**-Common IAMD XML Schema; **JCOA-IEs** - Joint Critical Operational Activities -Information Exchanges; **JIIIM**- Joint, Inter-Agency, Inter-Governmental, Multi-National



JIAMD Operational Architecture Scope (U)

Strategic

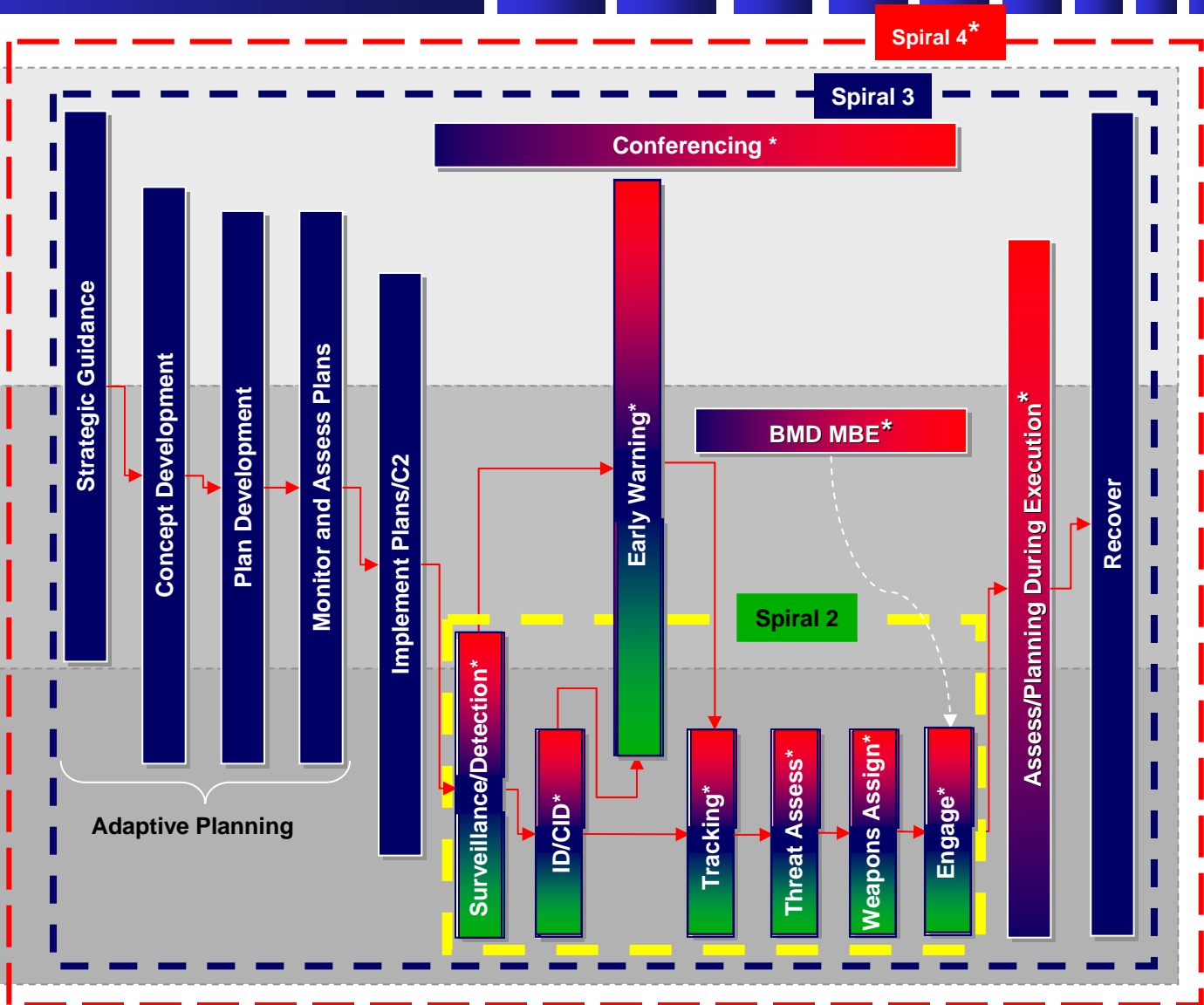
- Supported / Supporting Commander(s)
- Functional COCOM
- JFC, JFACC

Operational

- AADC & ACA Roles of JFACC

Tactical

- Joint Service Level Units
- Weapons, Sensors, Tactical Operations

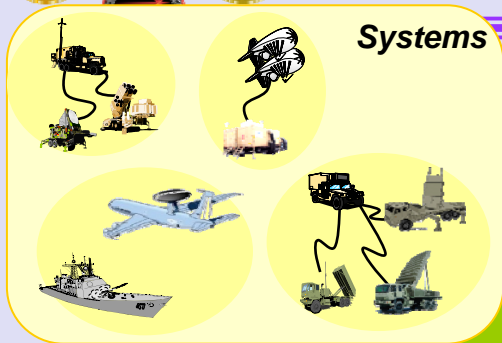


UNCLASSIFIED

Net Ready Migration

-Notional Example-

(Note: This chart may be slow to animate)



Systems

Net-Ready Architecture

JIAMD



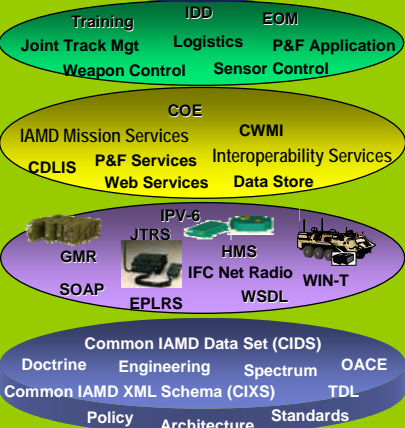
PLATFORMS & SENSORS

APPLICATIONS

SERVICES

TRANSPORT

STANDARDS

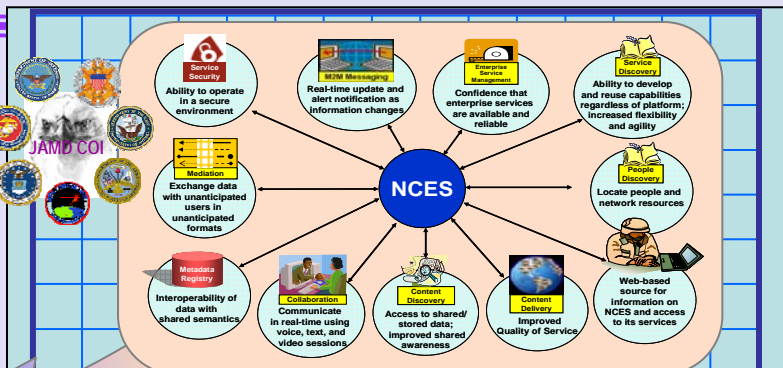


Mine Components and Services

NET READY =
 Provide/Consume Data and Mission Services using Web Technology/SOA Distributed to Many Users on the GIG/Tactical Internet to Accomplish the Mission!

LEGEND

- GIG: Global Information Grid
- NCES: Net-Centric Enterprise Services
- IFC: Integrated Fire Control
- SOA: Service-Oriented Architecture



Utilize Joint Data, Services and Web Technology

Incremental Drops

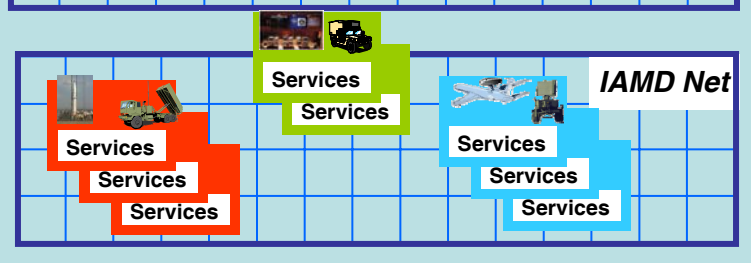
Provide Data and Services to External Users

AOC Services JFLCC Services BCT Services

GIG / Tactical Internet

Transform into Net-Ready Components and Services

Incremental Drops



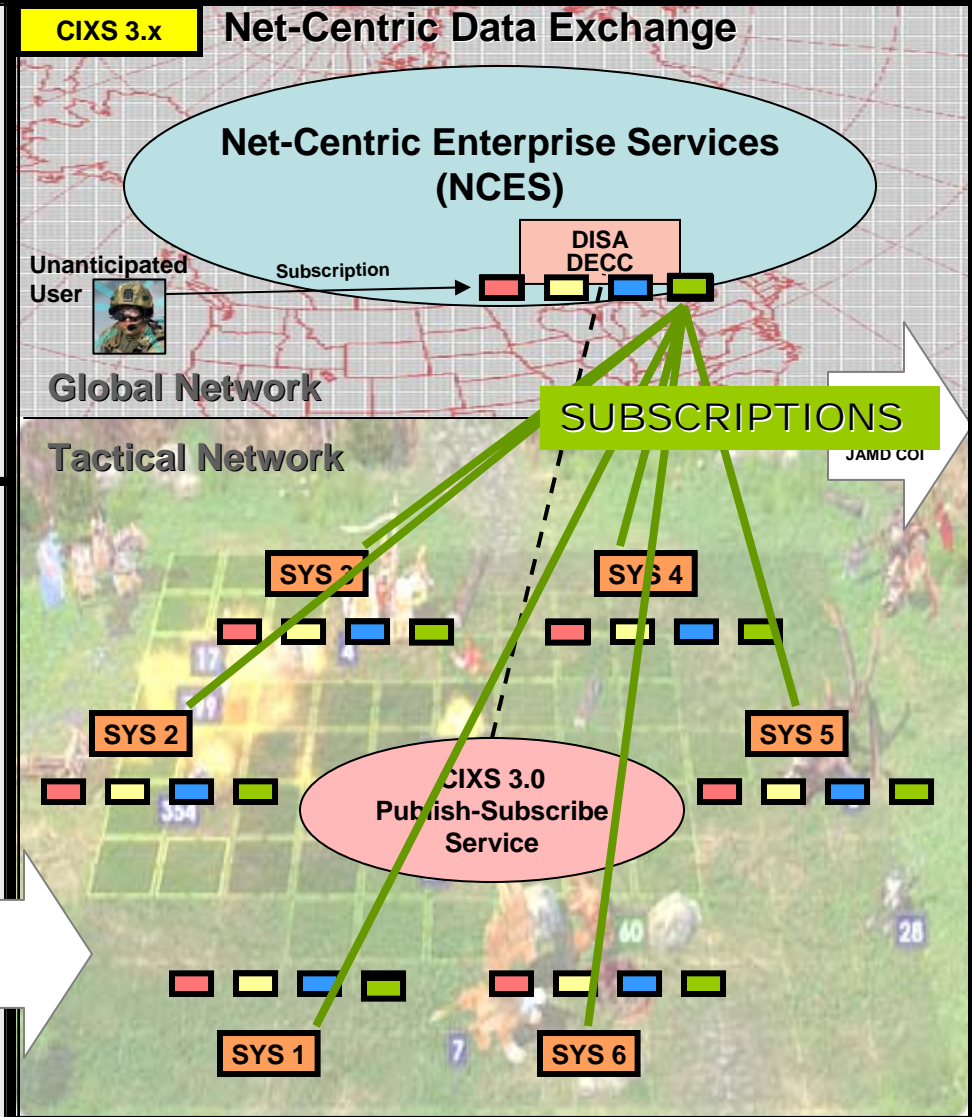
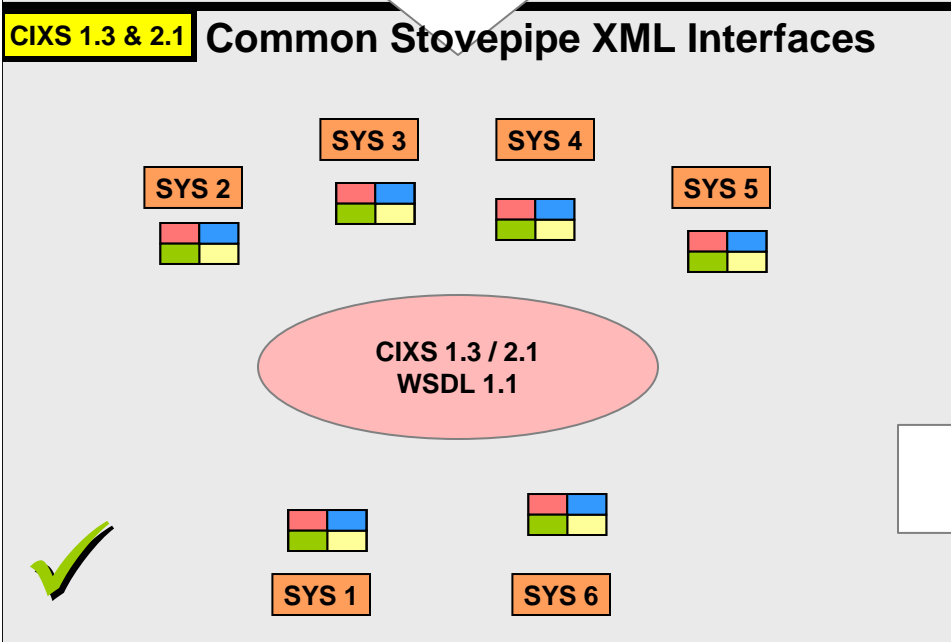
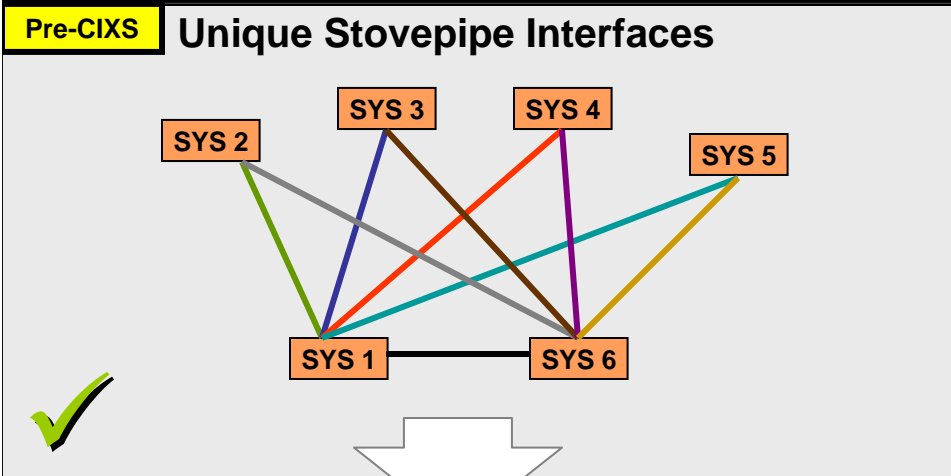
UNCLASSIFIED

UNCLASSIFIED

Evolution of IAMD Data Exchange

From Legacy Stovepipes to a Service Oriented Architecture

(NOTIONAL)



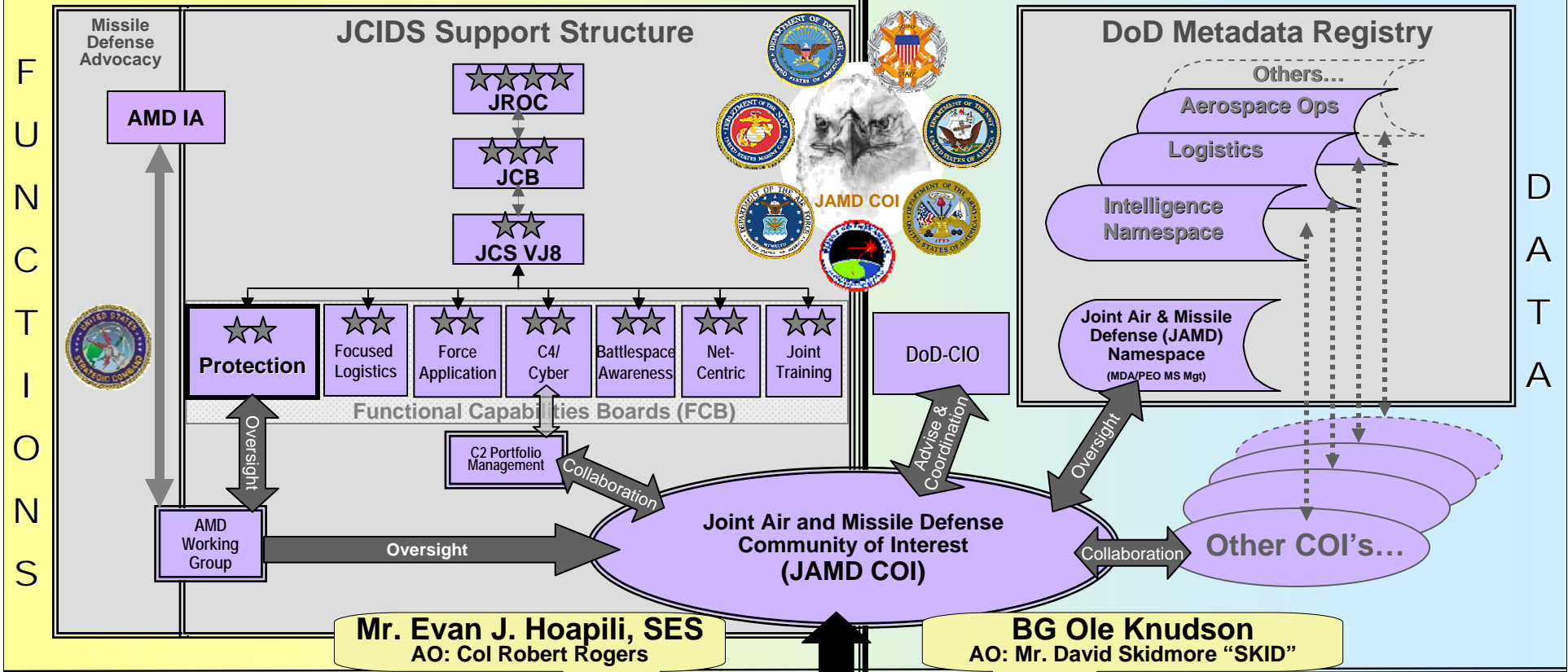
UNCLASSIFIED

Joint Air and Missile Defense Community of Interest JAMD COI Collaboration



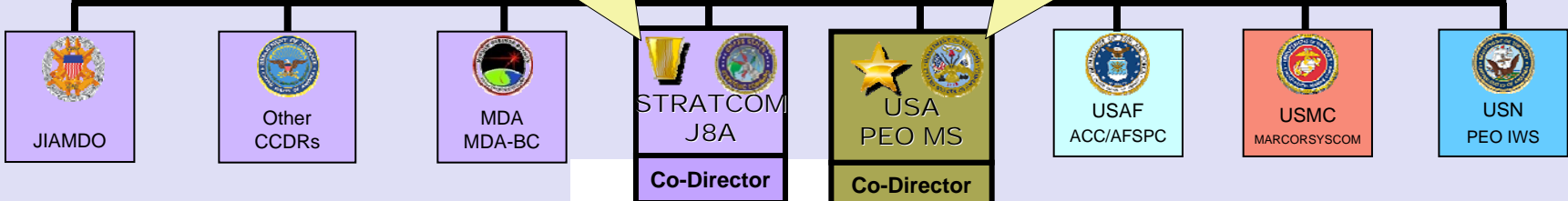
AMD MS/ JCIDS METHODOLOGY

DoD DATA STRATEGY



MEMBERSHIP

MEMBERSHIP



JAMD COI Governance/Advocacy



**Recommended
OSD/NII COI
Governance Structure**



Air and Missile Defense Integrating Authority (AMD-IA)

Protection FCB

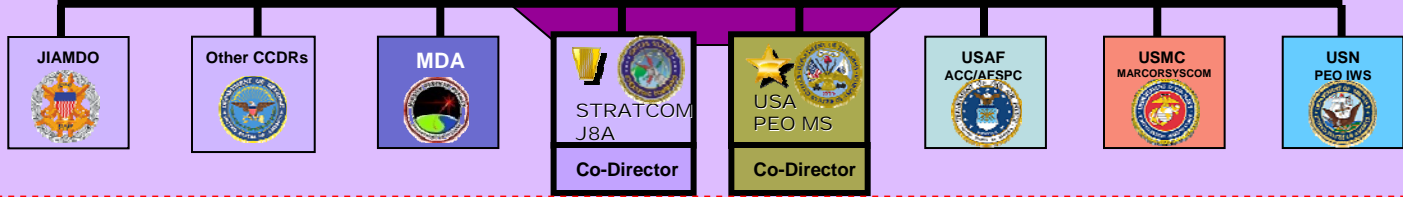
AMD Working Group (STRATCOM-J85 / JIAMD)

OASD/NII DoD-CIO

JAMD COI Co-Directors (PEO MS / STRATCOM-J8A Co-Chairs)
AO's (0-6) for PEO MS & STRATCOM-J85

MEMBERSHIP

MEMBERSHIP



Tailored Working Groups Comprised of Relevant Members/SOIs



Common Functionality	SOI	SOI	SO	SOI	SOI	SOI	SOI	SOI	SOI	SOI	SOI	SOI	SOI	SOI	SOI
BMC4	BMC4	BMC4	BMC4	BMC4	BMC4	BMC4	BMC4	BMC4	BMC4	BMC4	BMC4	BMC4	BMC4	BMC4	BMC4
Sensor	Sensor	Sensor	Sensor	Sensor	Sensor	Sensor	Sensor	Sensor	Sensor	Sensor	Sensor	Sensor	Sensor	Sensor	Sensor
Shooter	Weapon	Weapon	Weapon	Weapon	Weapon	Weapon	Weapon	Weapon	Weapon	Weapon	Weapon	Weapon	Weapon	Weapon	Weapon

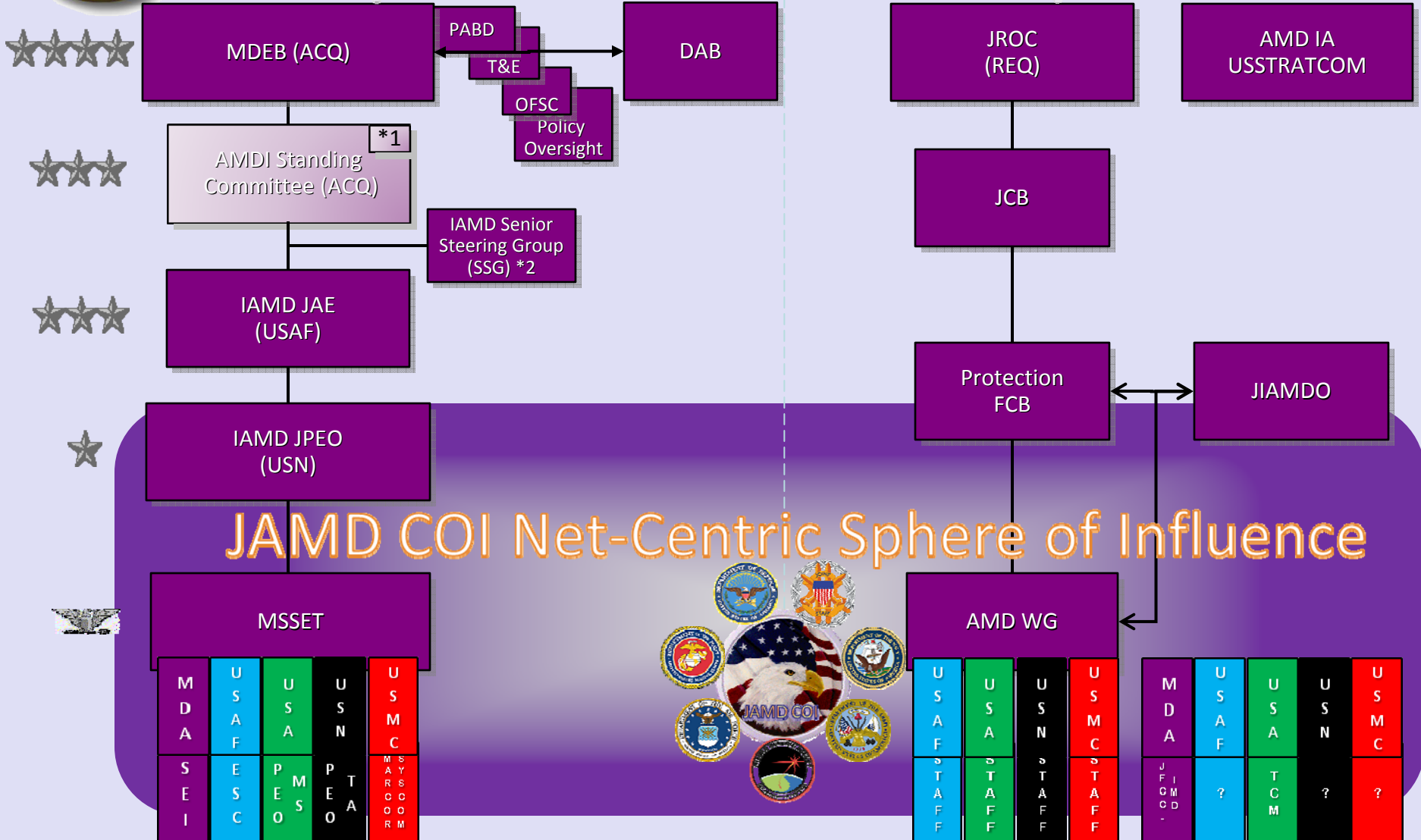
SOI = Systems of Interest
Derived from the Fundamental Systems List (FSL)



Modified Joint Integrated Air and Missile Defense Governance

Acquisition

Operational



^{*1} Pending Joint Acquisition Community coordination and USD AT&L implementation

^{*2} IAMD SSG may be consumed by the AMDI Standing Committee once chartered

UNCLASSIFIED



Joint Air and Missile Defense Community of Interest Multinational Integration Activities

- **NATO ALTBMD Programme Office**



- Collaboratively developed XML messages to support evolution of CIXS 3.0
- Released CIXS 3.1 to NATO in Mar 2009 in support of ALTBMD schedule; CIXS 3.3 Released Jul 2010
- Participated in Web Service Workshops on 3-4 June and 7-8 Oct 09 to establish common approach for Web Service development.
- CIXS data workshop with NATO 7-9 Sep 2010 to satisfy NIDD IER requirements
- CIXS 3.5 on contract for NATO ACCS/Air C2IS interface to C2BMC Planner
- ALTBMD Programme recommended changes to CIXS 3.5 received 22 Nov 2011; Update process complete

- **NATO C3 Agency (NC3A)**



- Released Common IAMD XML Schema (CIXS) to NC3A Nov 2005
- Collaboratively planned Multinational IAMD Planning Pilot executed at JPOW-X
 - Implemented CIXS in NATO Planning Tool (PlaTo)
 - Demonstrated new defense planning Web Service utilizing CIXS 1.3 – Very Successful
- Conducted pilot during JPOW-2010 using CIXS 3.1 pub/sub web service – Very Successful

- **NATO Joint Capability Group (JCG)-Ground Based Air Defense (GBAD)**



- USA PEO MS providing IAMD Net-Centric Integration expertise in support of JCG-GBAD activities
- Germany, Britain, and US SHORAD conducted experiment as part of 2010 Tri-Partite MOU, using CIXS for sensor and weapon data exchange
- Follow-on USA-DEU-GBR Trilateral Experiment currently being explored
- Finland has expressed interest in obtaining CIXS for assessment in addressing future interoperability

- **Plus...**



UNCLASSIFIED

JAMD COI Team Coordination



Forums Led

- JAMD COI ****
- CIXS CCB ***
- CIXS Work Shop
- Net-Centric TIM
- GSIN Data Harmonization WG
- Net-Centric Deep Dive for PM

**** = USSTRATCOM & PEO MS are Co-Directors

*** = PEO MS is Chairman

** = PEO MS is voting member

* = MDA is Namespace Manager

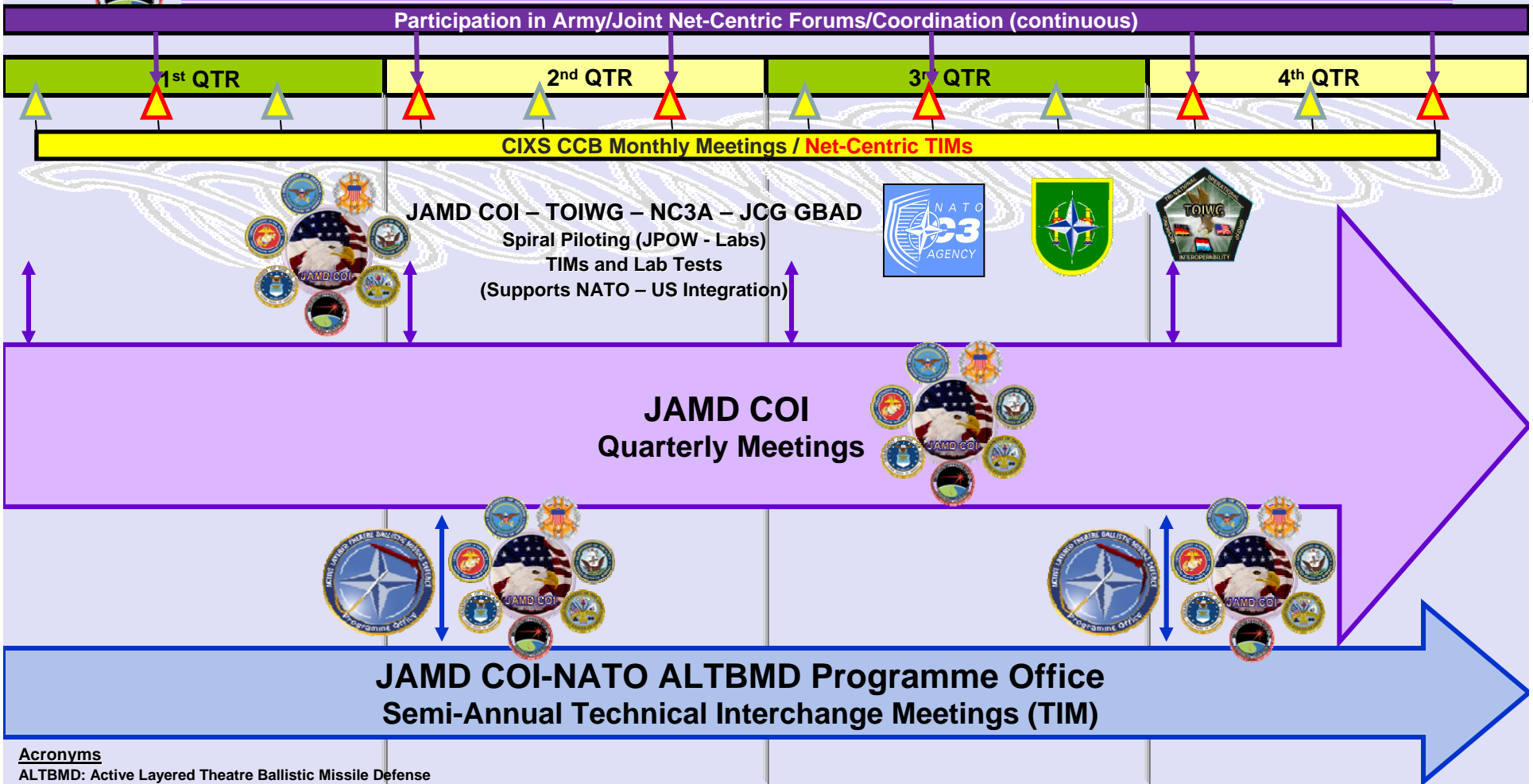
Forums Supported

- AMD Integrating Authority (Technical Advisor)
- DoD COI Forum
- DoD Metadata WG*
- DoD Architecture Framework Plenary (DoDAF 2.0)
- IAMD Architecture Task Force/Focus Group
- C2 Data and Services Steering Committee (DSSC)
- C2 Authoritative Data Source WG
- Net-Centric Data Exchange Standards Committee (NCDESC)
- Global Sensor Integration on Networks WG and CCB
- OSD-CIO Data Transformation WG
- USAF Air Operations COI/Data Management WG
- NSA IA Metadata Community of Practice WG
- MSSET Architecture WG
- MSSET End-to-End Engineering WG
- USAF Net-Centric Sensors and Data Sources WG
- NATO ALTBMD PO web services WG
- NATO Joint Capability Group-Ground Based Air Defense
- Tri-National Operational Interoperability Working Group**
- CENTCOM IAMD Center Working Group (UAE)
- Army Common Operating Environment (COE) IPTs
- Army/MDA MOU WG

UNCLASSIFIED

Joint Air and Missile Defense Community of Interest

Battle Rhythm



Acronyms

- ALTBMD: Active Layered Theatre Ballistic Missile Defense
- COI: Community of Interest
- JAMD: Joint Air and Missile Defense
- JPOW: Joint Project Optic Windmill
- JCG GBAD: Joint Capability Group – Ground-Based Air Defense
- NC3A: NATO Consultation, Command & Control Agency
- TOIWG: Tri-national Operational Interoperability Working Group

UNCLASSIFIED



JAMDCOI

PRODUCTS



JAMD COI Product Set Overview

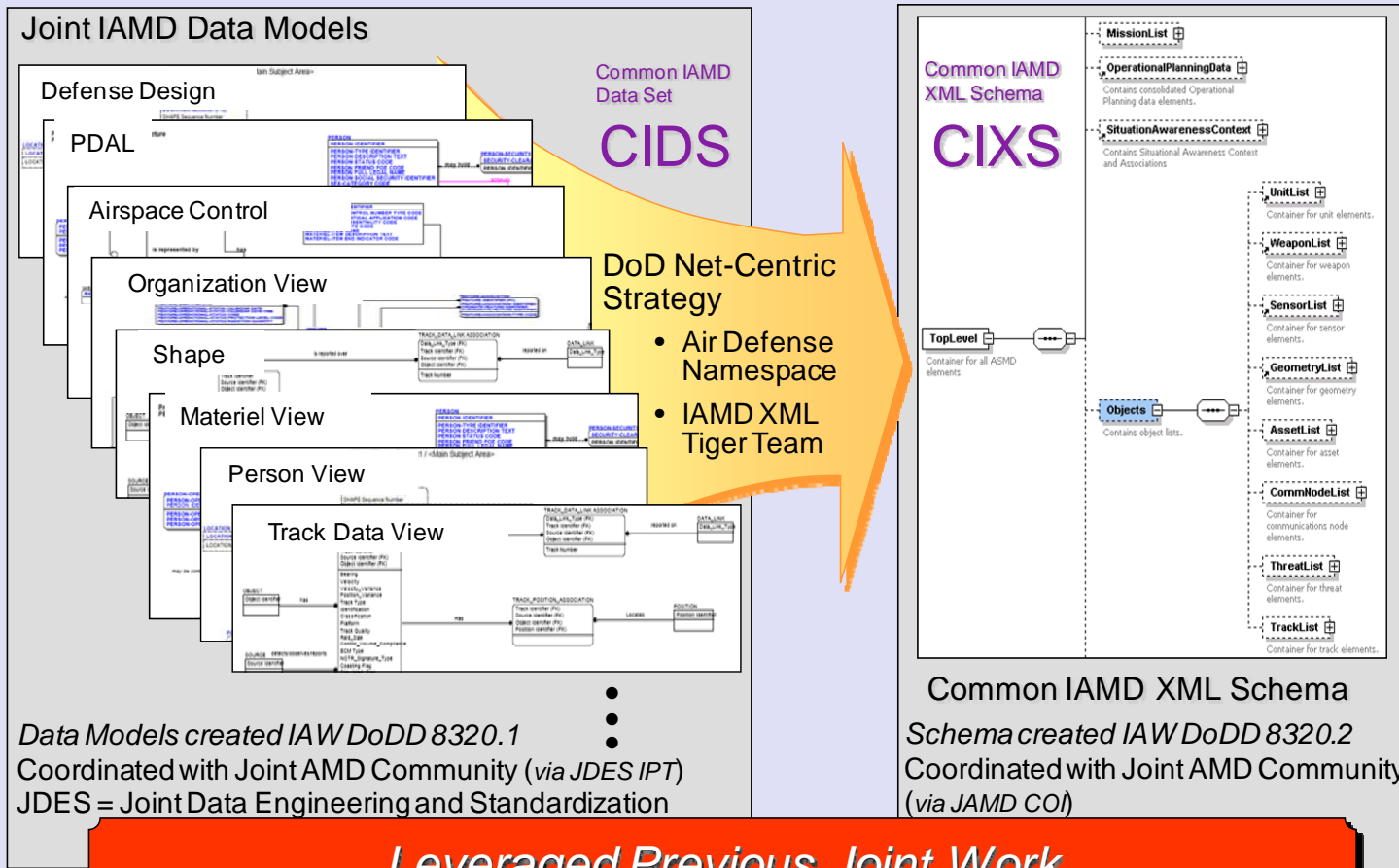
Product	Status	Estimated Completion	Notes
Common IAMD Data Set (CIDS)	Complete/ Maintaining	Ongoing	Being updated based on CIXS PR/CRs...To be assessed against Joint IAMD OA
Common IAMD XML Schema (CIXS)	Complete/ Evolving for Advanced AMD Capabilities	Ongoing	v1.3 – Operational – Released to NATO V3.5 – Developmental – Released to NATO
Mapping of CIXS to IAMD OP Architecture	Complete/ Maintaining	Ongoing	Mapped CIXS Messages to the Spiral 3 IAMD OA –To be extended to the data level
Global Sensor Integration on Networks (GSIN)	OPS Drop 1 Complete/ Evolving	Ongoing	V1.2 – Secret - Operational
JAMD Metacard Template	Complete / Maintaining	Ongoing	
JAMD COI Net-Centric Migration Roadmap	Started	4QFY12	
JAMD Data Pedigree Business Rules	Complete / Maintaining	--	Being updated with Pedigree Data Model
JAMD Pedigree Data Model	Complete / Maintaining	--	USN PEO IWS Led Development
JAMD Data Development/Discovery Taxonomy	Complete / Maintaining	Ongoing	To be updated to comply with CIXS v3.5
JAMD Vocabulary	Approved / Maintaining	Ongoing	Extended from STRATCOM GMD lexicon plus twelve core source documents.
JAMD Net-Centric Assessment Toolkit	Piloting of NCAT Started	4QFY12	Two programs to pilot for community. AFSPC tool updated based on current DoD directives.
JAMD Mission Service Survey	Approved		Led by USA SMDC/ARSTRAT
JAMD TRACK Data Model	Working in conjunction w/MSSET effort	4QFY12	Leverage JTMC and leverage GSIN
JAMD Authoritative Data Source Matrix	Pending	4QFY12	Dependent on JAMD COI SOI List Verification
JAMD Mission Svc Strnds/Implementation Guidance	Started	4QFY12	Developed in collaboration with NATO ALTBMD. Intent to vet through CIXS CCB.
JAMD COI Introduction Package	Approved		Public Release obtained

UNCLASSIFIED

Common IAMD Data Set (CIDS)



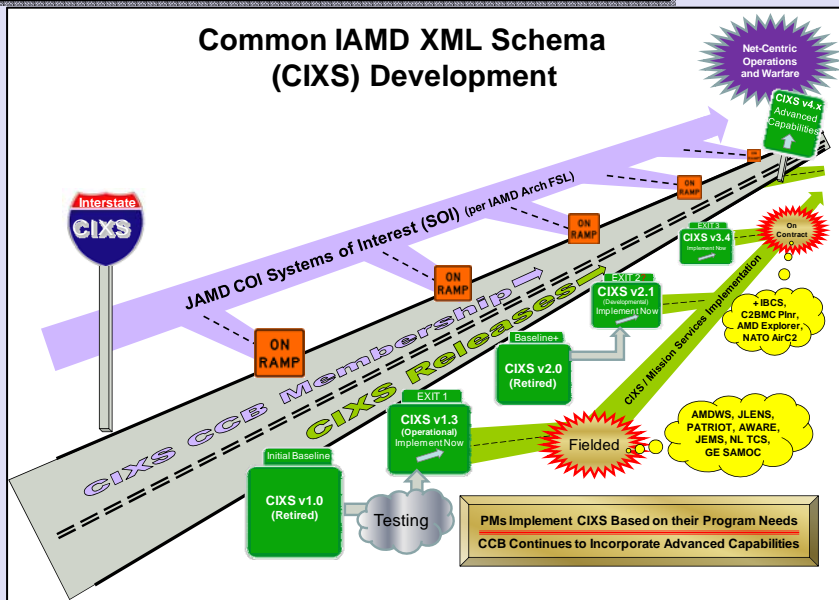
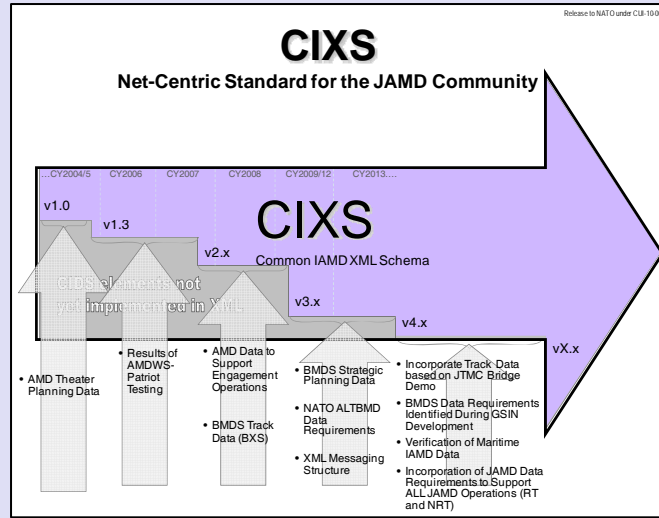
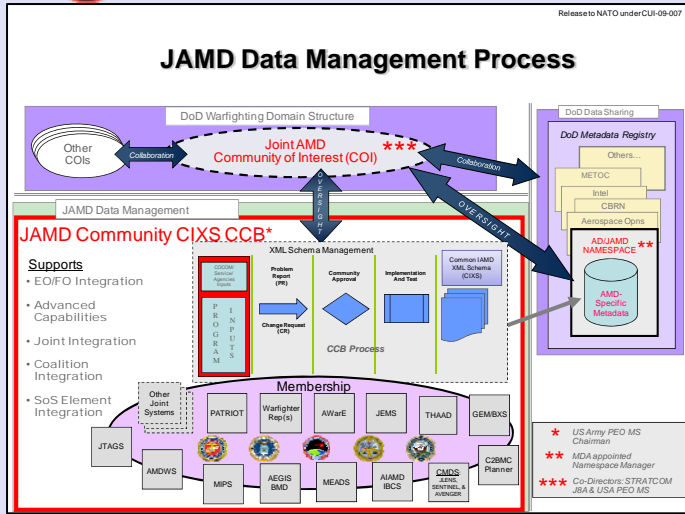
Evolution to the Common IAMD XML Schema



Leveraged Previous Joint Work

UNCLASSIFIED

Common IAMD XML Schema (CIXS)

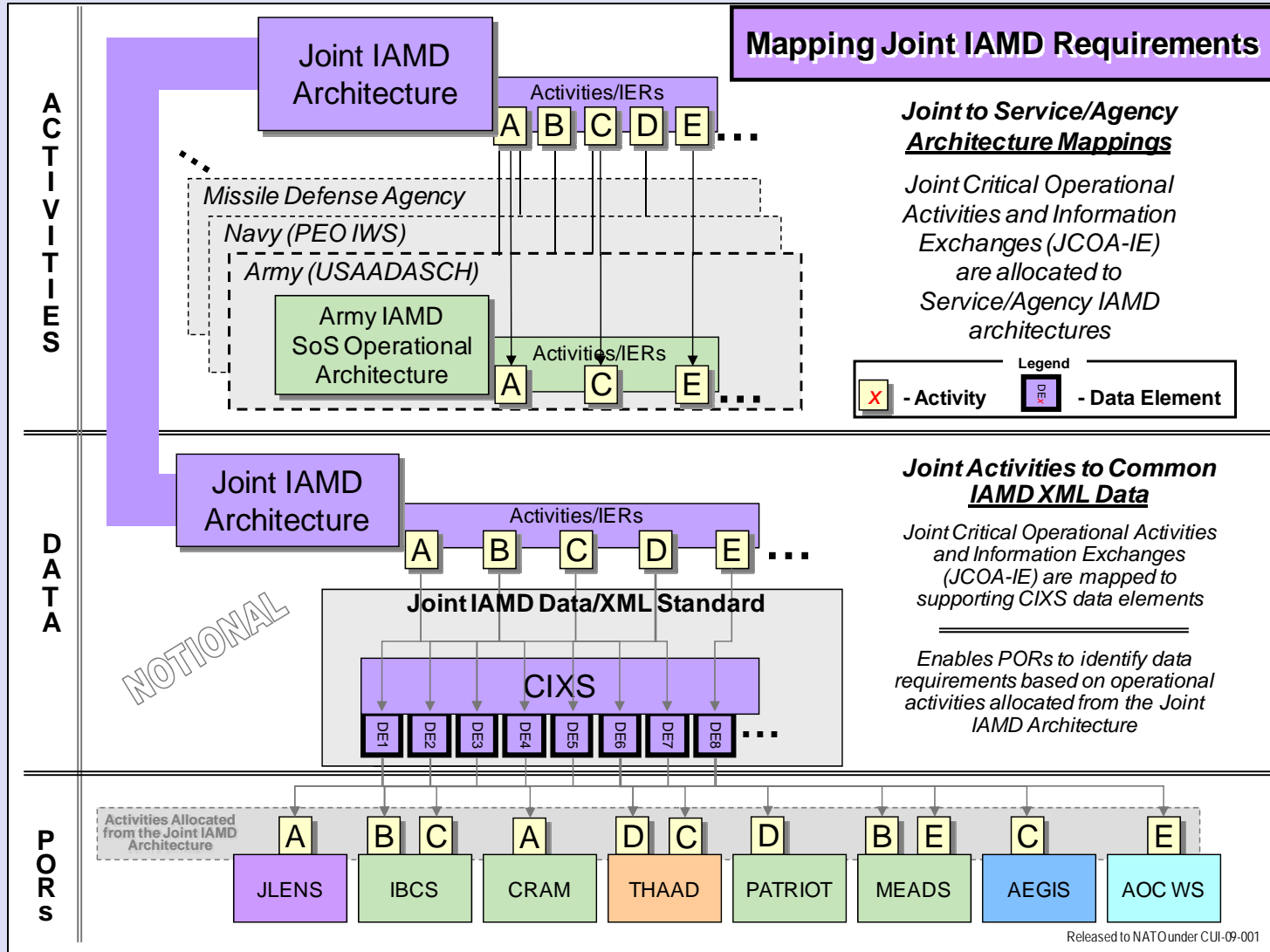


- ### Joint Air and Missile Defense Community of Interest Guiding Principles
- Accept DoD **Net-Centric Data Strategy** as directive
 - Data Development** is "Capabilities Based" IAW JCIDS and determined by each community's warfighter functional requirements
 - Use the most effective & efficient means of transferring technical data (machine-to-machine)
 - Present the user anything he/she wants via the warfighter display (GUI)
 - Capture objective data definitions and metadata using XML to support:
 - Near-term implementation
 - Future implementations of advanced capabilities
 - Data exchange in support of Service Oriented Architectures and Militarized Web Technology
 - Implement objective data in XML as technology allows (e.g. OTA bandwidth limitation)
 - A common data set that supports all activities of the JAMDCOI warfighter.
 - Enables planning/weapon systems initialization integration
 - Seamless near real time replanning with engagement operations
 - Use legacy TDL/MTF elements if they support operational data requirements to achieve NCOV objectives
 - Eliminate costly redundant and inconsistent legacy data elements
 - Intent of Joint Capabilities Integration and Development (JCIDS) can only be met by collaborative Joint Material Development (e.g. Joint Track Manager-JTM)

Guiding Principles Evolved From Joint Data Development Experience



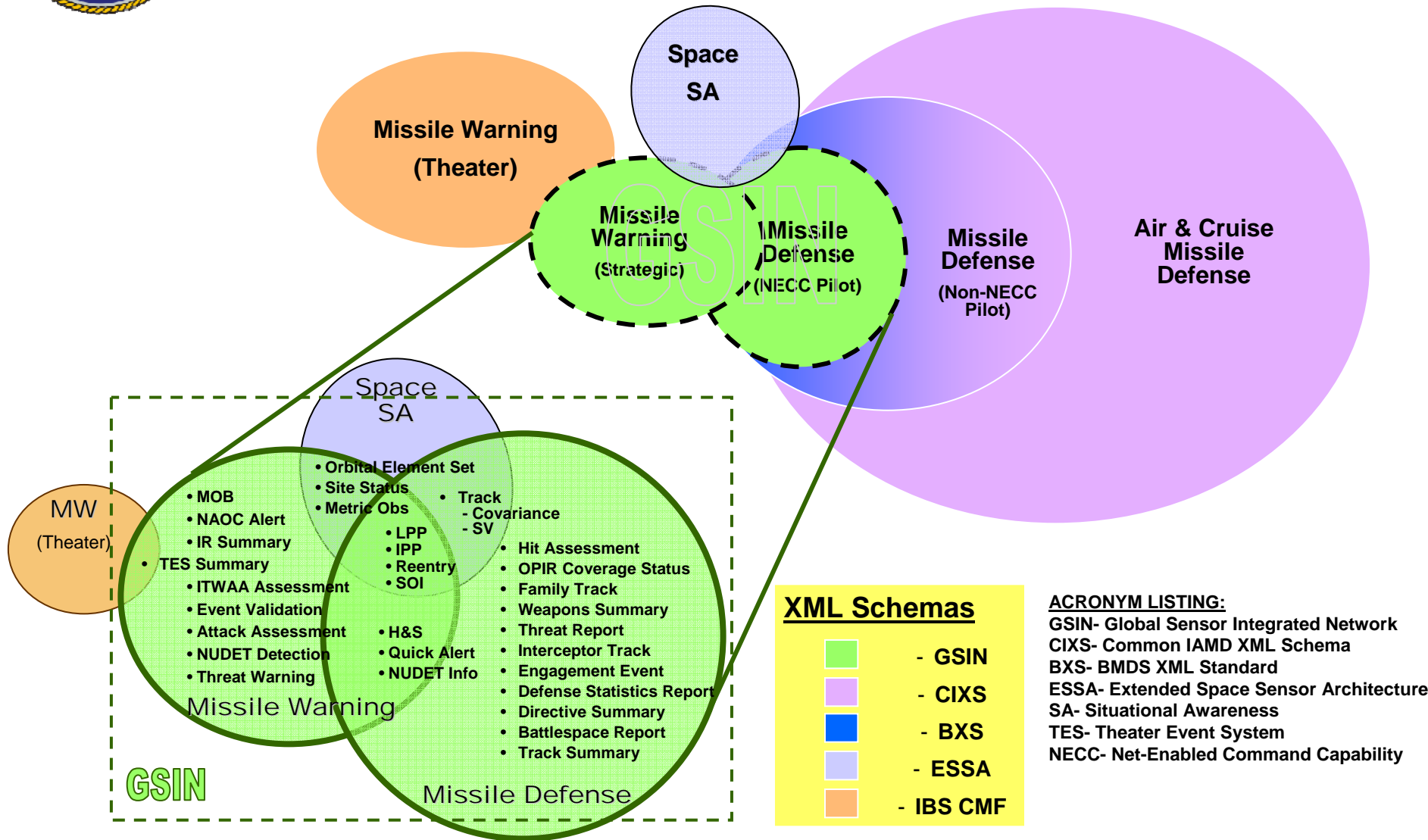
Mapping of CIXS to IAMD Operational Architecture



Released to NATO under CUI-09-001



Global Sensor Integration on Networks (GSIN) Situation Awareness XML Schema

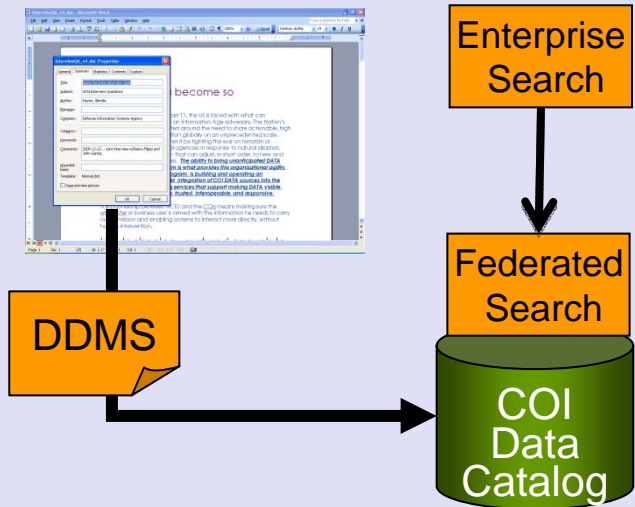




JAMD Metacard Template

JAMD Metacard Template Supports Data Visibility

JAMD Data Catalog



Primary Category	Data Field	Obligation	Recommended Field Value
Security	Security Marking	Mandatory	Not Applicable (N/A)
	Title	Mandatory	N/A
Title	Subtitle	Optional	
	Identifier Quantifier	Mandatory	N/A
Identifier	Identifier Value	Mandatory	N/A
	Creator (See also Person, Organization, or Web Service)	Mandatory	Platform Identifier/IP Address (Default)
Publisher	Publisher (See also Person, Organization, or Web Service)	Optional	Platform Identifier/IP Address (Default)
	Contributor (See also Person, Organization, or Web Service)	Optional	N/A
Date	Date Created	Optional	N/A
	Date Posted	Optional	N/A
	Date Valid Till	Optional	N/A
	Date Info Cut Off	Optional	N/A
Rights	Privacy Act	Optional	N/A
	Intellectual Property Rights	Optional	N/A
	Copyright	Optional	N/A
Language	Language Qualifier	Conditional	American (Default)
	Language Value	Optional	English (Default)
Type	Type Qualifier	Conditional	N/A
	Type Value	Optional	N/A
Source	Source Qualifier	Optional	N/A
	Source Value	Optional	N/A
	Source Schema Qualifier	Optional	N/A
	Source Schema Href	Optional	N/A
Subject	Category Qualifier	Optional	TBD
	Category Code	Optional	TBD
Subject	Category Label	Mandatory	TBD
	Keyword	Optional	N/A
	Geographic Identifier	Mandatory unless not Applicable	N/A
	Geographic Bounding Box	Optional	N/A
	Geographic Bounding Geometry	Optional	N/A
	Postal Address	Optional	N/A
	Vertical Extent	Optional	N/A
	Facility BE Number	Optional	N/A
	Facility Osuffix	Conditional	N/A
	Region	Optional	N/A
	Name	Optional	N/A
	Westbound Longitude	Optional	N/A
Eastbound Longitude	Conditional	N/A	
Northbound Latitude	Conditional	N/A	
Southbound Latitude	Conditional	N/A	
Polygon	Optional	N/A	
Point	Optional	N/A	

JAMD Metacard Data Mapped to DoD Metadata Specification (DDMS) supports Enterprise and Federated Searches



JAMD Data Pedigree Business Rules/Data Model

UNCLASSIFIED

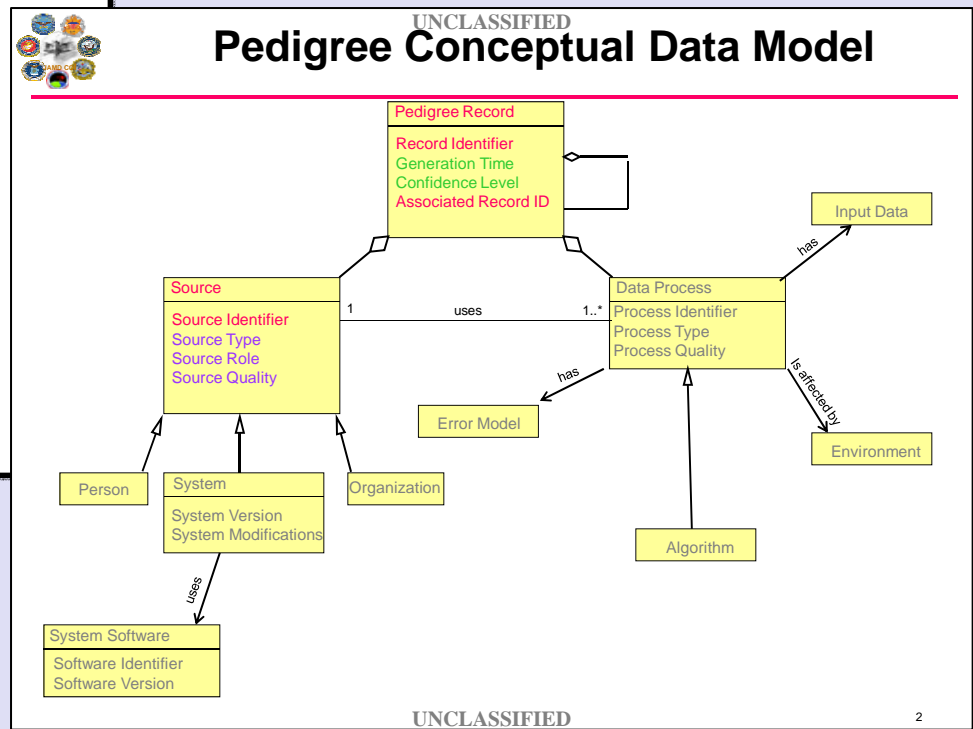
Pedigree Data Business Rules

1. A **Pedigree Record** is associated with zero, one or more **Pedigree Records**.
2. A **Pedigree Record** has only one **Source**.
3. A **Pedigree Record** has zero, one or more **Data Processes**.
4. A **Person** is a type of **Source**.
5. A **System** is a type of **Source**
6. An **Organization** is a type of **Source**.
7. A **System** uses zero, one or more instances of **System Software**.
8. A **Source** uses one or more **Data Processes**.
9. A **Data Process** has one or more **Input Data**.
10. A **Data Process** has zero, one or more **Error Models**.
11. A **Data Process** is affected by zero, one or more **Environments**.
12. An **Algorithm** is a type of **Data Process**.

UNCLASSIFIED

UNCLASSIFIED

Pedigree Conceptual Data Model



UNCLASSIFIED



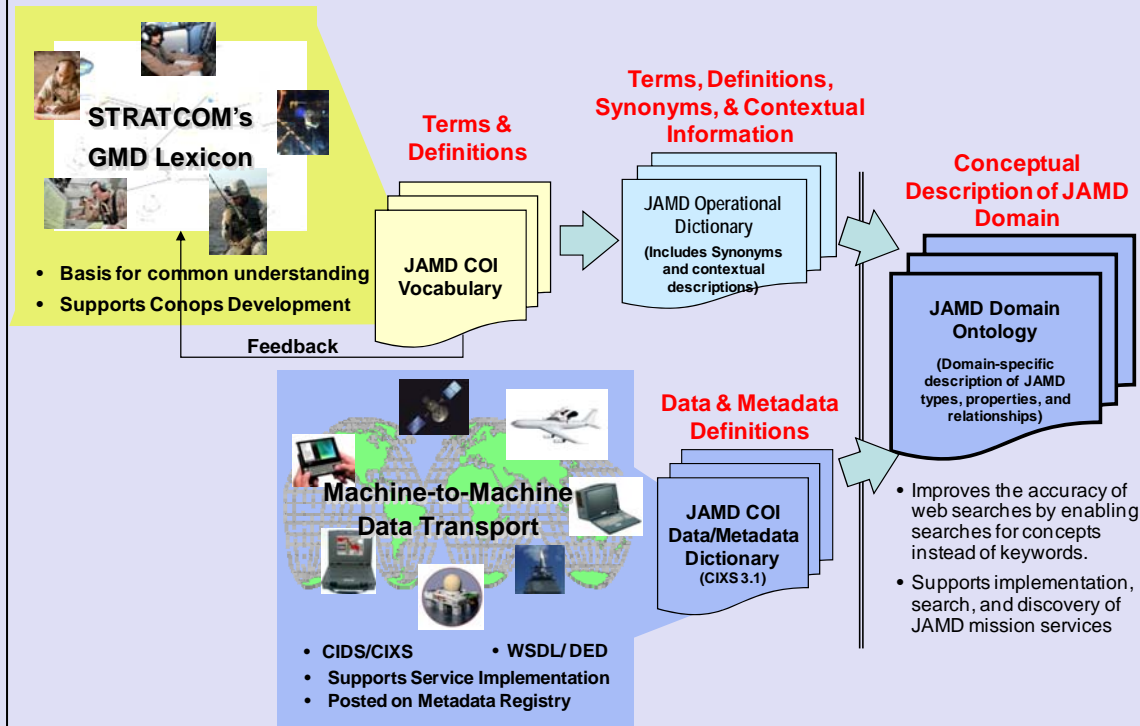
JAMD Data Development/ Discovery Taxonomy

1	Data Element/Tag		Association	Associated Concept	DOD Core
2	Platform		is_subclass_of	Equipment	Yes
3	CommandAndControlPlatform (CommandAndControlPlatformType)		is_subclass_of	Platform	
4	Type		is_part_of	CommandAndControlPlatform	
5	AddressNumber		is_part_of	CommandAndControlPlatform	
6	URN		is_part_of	AddressNumber	
7	STN (STNType)		is_part_of	AddressNumber	
8	STN1		is part of	STN	
9	STN2		is part of	STN	
10	STN3		is part of	STN	
11	Threat		is_subclass_of	Equipment	Yes
12	EnemyUnit (EnemyUnitType)		is_instance_of	Military Forces Organization	Yes
13	CommunicationNoc9		is_subclass_of	Threat	
14	CommunicationNoc0		is_subclass_of	Threat	
15	TypeOfCommPlatfo1		is_part_of	EnemyUnit	
16	TransmissionCapab2		is_part_of	Location	
17	CommunicationsDe3		is_part_of	EnemyUnit	
18	Transmission		is_part_of	OperatingArea	
19	Hardwired (HardWir5		is_part_of	EnemyUnit	
20	Transmission		is_part_of	EnemyUnit	
21	Confirmation				
22	Shape				
23	AirShape		is_subclass_of	Shape	
24	Orbit (OrbitType)		is_part_of	AirShape	
25	PointList		is_part_of	Orbit	
26	Point				
27	Alignment				
28	Feature		is_subclass_of	Geolocation	Yes
29	BasicFeature (BasicFeatureType)		is_subclass_of	Feature	
30	TypeOfBasicFeature (TypeOfBasicFeatureType)		is_part_of	BasicFeature	
31	attribute		is_part_of	TypeOfBasicFeature	
32	Corridor (CorridorType)		is_part_of	attribute	
33	SegmentList		is_part_of	BasicFeature	
34	PropertyList		is_part_of	PropertyList	
35	Property (PropertyType)		is_part_of	PropertyList	
36	CompositeFeature (CompositeFeatureType)		is_subclass_of	Feature	
37	WayPoint (WayPointTyp		is_subclass_of	Geolocation	Yes
38	Point		is_subclass_of	Geolocation	Yes
39	SegmentBoundary		is_subclass_of	Feature	
40	Feature (FeatureType)		is_subclass_of	Feature	
41	Shape		is_part_of	Feature	
42	CountryCode		is_part_of	Feature	
43	BENumber		is_part_of	Feature	
44	DescriptorText		is_part_of	Feature	
45	Documentation				
46	DocumentationStructure		is_part_of	Documentation	
47	ProseTextType		is_part_of	DocumentationStructure	
48	TermTextType		is_part_of	DocumentationStructure	
49	FullName		is_part_of	DocumentationStructure	
50	Description		is_part_of	DocumentationStructure	
51	Note		is_part_of	DocumentationStructure	
52	Units		is_part_of	DocumentationStructure	
53	Omission		is_part_of	DocumentationStructure	
54	ReferenceFrame		is_part_of	DocumentationStructure	
55	Reference		is_part_of	DocumentationStructure	
56	Synonym		is_part_of	DocumentationStructure	
57	Assessment		is part of	AssessmentStructure	



JAMD Vocabulary

Vocabulary-Philosophy



JAMD COI Vocabulary, v 1.0

Joint Air and Missile Defense Community of Interest (JAMD COI)

Vocabulary

Version 1.0

20 July 2010

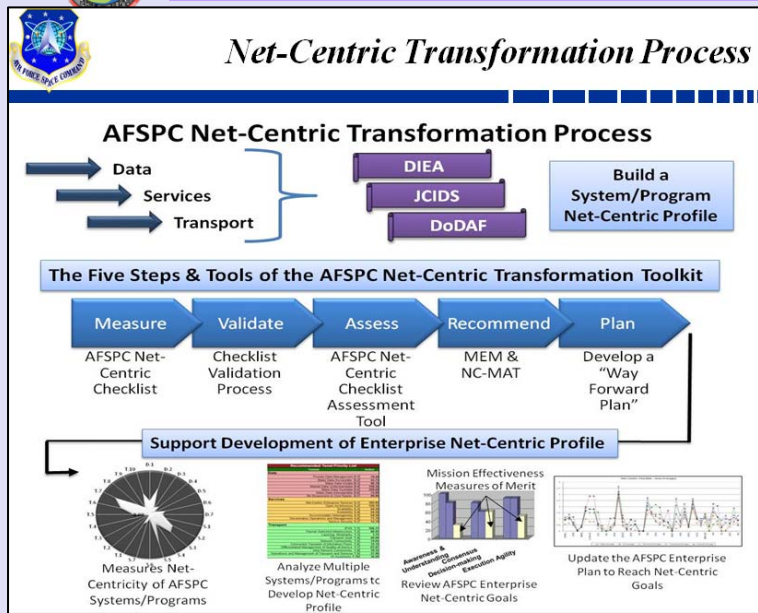
Distribution Statement C - Distribution authorized to US Government agencies and their contractors. Other requests for this document shall be referred to USA FEO Missiles and Space, Redstone Arsenal, AL.

WARNING - This document contains technical data whose export is restricted by the Arms Export Control Act, Title 22, U.S.C., Sec. 2751 et seq., or the Export Administration Act of 1979, as amended, Title 50, U.S.C., App. 2481 et seq. Violations of these export laws are subject to severe criminal penalties. Disseminate in accordance with provisions of DoD Directive 5230.26.

i

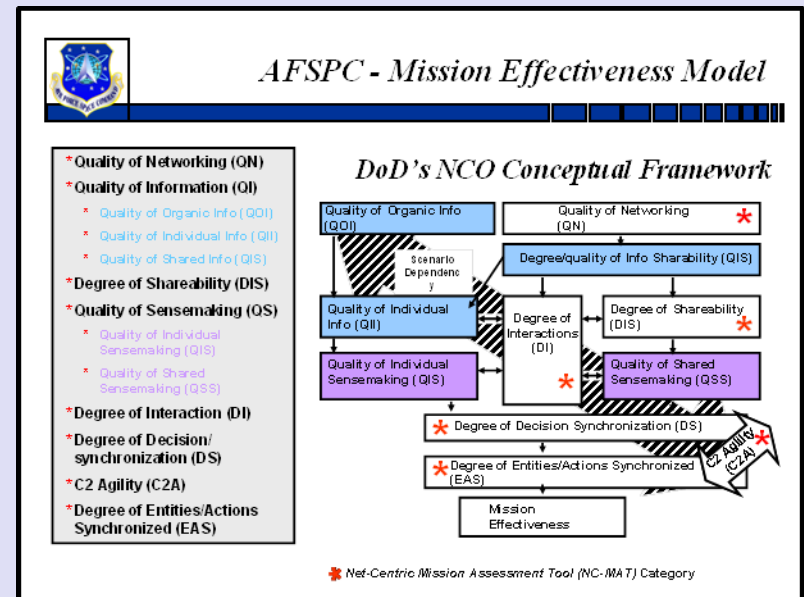


Net-Centric Assessment Tool



- Leveraging the USAF Space Command (AFSPC) Net-Centric Assessment Tool to support Net-Centric assessment of JAMD programs
- Based on PM self-assessment using the DoD NC Checklist as the baseline
- Provides recommended actions to PM to increase mission effectiveness through Net-Centric improvements

- Mission Effectiveness Model (MEM) enables PMs to prioritize enhancements to net-centricity
 - What is the projected impact on mission effectiveness of a proposed net-centric enhancement?
 - What options provides the greatest ROI?
- AFSPC POC is Mr. Ed Strecker, Edward.strecker@peterson.af.mil





JAMD Mission Services Survey



U.S. Army Space and Missile Defense Command/
Army Forces Strategic Command

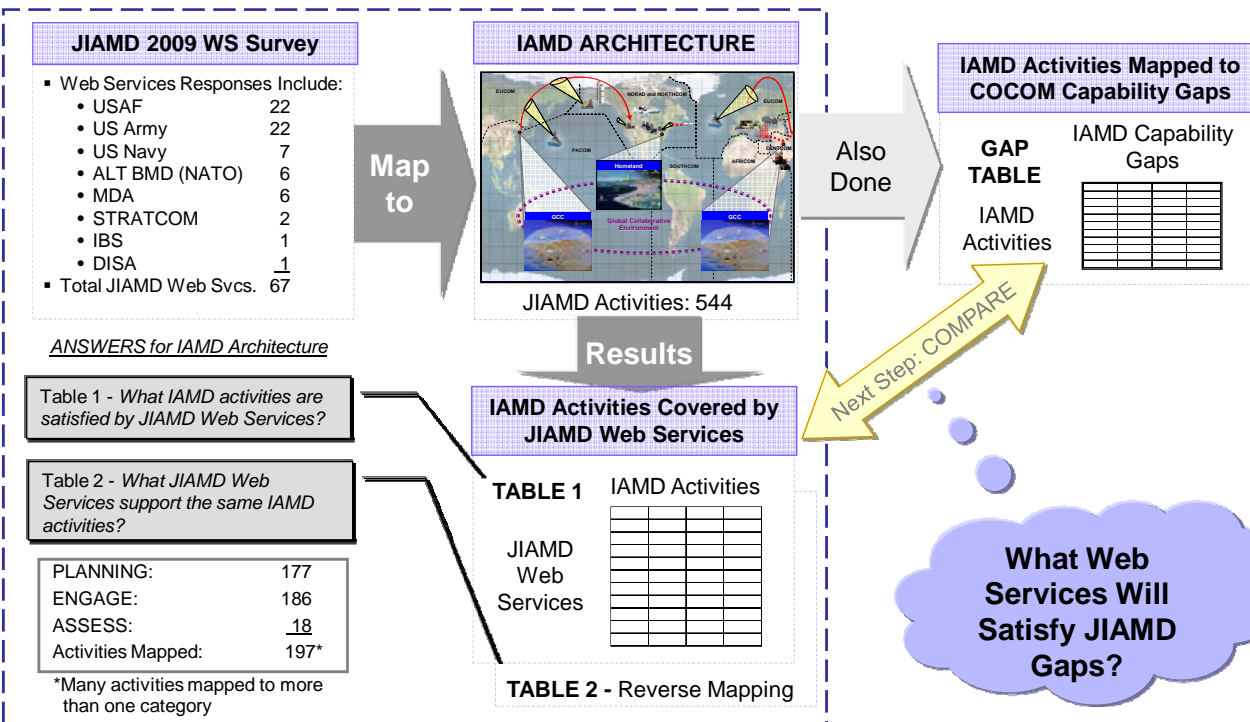
UNCLASSIFIED

Publicly Released by SMDC Release Number: 0133



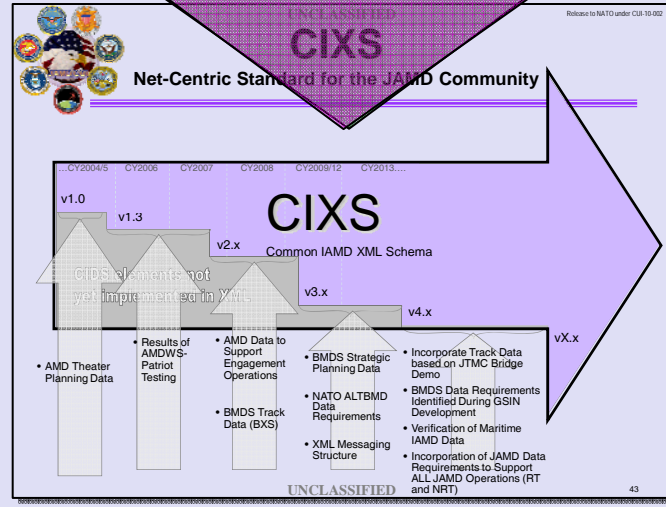
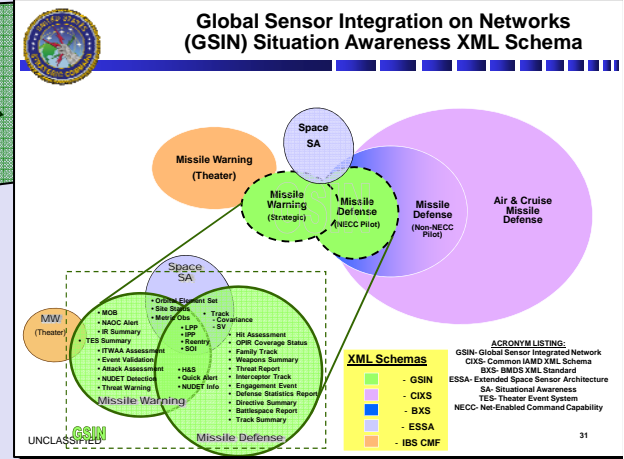
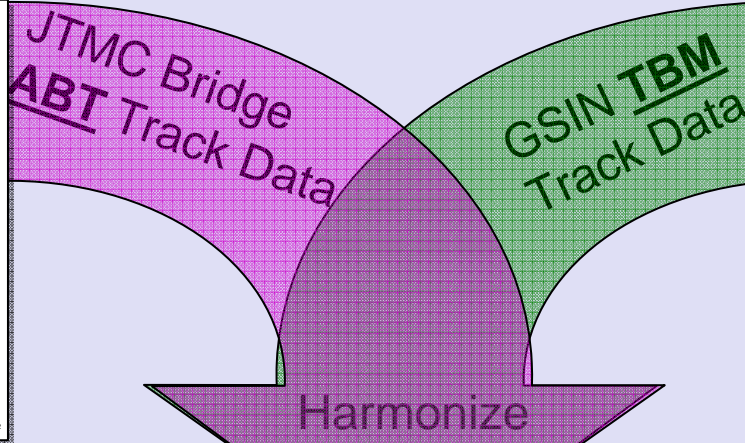
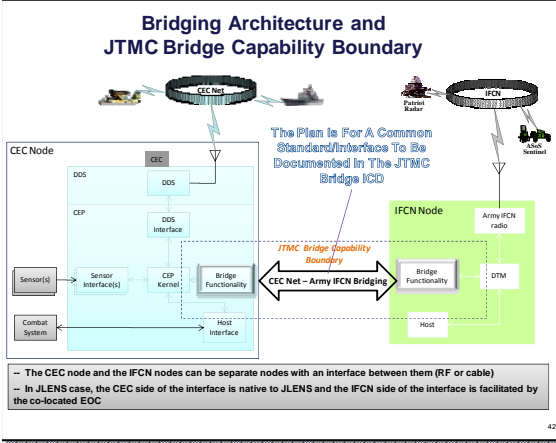
JIAMD Web Service Survey & Assessment

2009-2010 Assessment





JAMD Track Schema Update



Objective: Leverage and Harmonize ABT and TBM Track Data/Schema

UNCLASSIFIED

Joint IAMD Authoritative Data Sources (ADS)



Objective: Identify authoritative sources for IAMD data based on the Joint IAMD Operational Architecture and IAMD Roadmap in support of Joint Staff Enterprise ADS effort

Pending Concurrence of JAMD COI Systems of Interest



Strategic C2/BM Systems



C2BM

Operational C2/BM Systems



MWS



GCC3-M



AOC WS/TBMCS



GEM/C2BMC

Tactical C2/BM Systems



AMDWS



Patriot ICC



MIPS



Weapon Systems



AEGIS



THAAD



UNCLASSIFIED

UNCLASSIFIED



JAMD COI DKO Workspace

(URL: <https://www.us.army.mil/suite/page/498325>)

Home My Account Favorites Quick Links Self Service Search... AKO Content Search

Joint Air and Missile Defense (JAMD) COI Home (Related Content) Remove from Favorites Options

AKO Home > DoD Organizations > Office of the Secretary of Defense > DoD CIO > Joint Air and Missile Defense (JAMD) COI > Joint Air and Missile Defense (JAMD) COI Home

Welcome to Joint Air and Missile Defense (JAMD) COI

Joint and Missile Defense (JAMD) COI Leader's Message

Options



Welcome to the JAMD COI Workspace

On behalf of the Co-Directors of the Joint Air and Missile Defense Community of Interest: Mr. Evan Hoapili, US STRATCOM and BG Ole Knudson, USA PEO Missiles and Space: WELCOME! Our Mission: Joint (Integrated) Air and Missile Defense Customer: Any Warfighter - Anywhere - All the Time!

» AO for JAMD COI

JAMD COI Intro Brochure

Options

JAMD COI Information

Fundamental information concern the JAMD COI mission, organization, products, and activities.

JAMD COI Calendar

Options

Upcoming Events

Full Month View Add Event

No Events Found

Joint Air and Missile Defense (JAMD) COI Announcements

Options

4 Oct 2011 13:58 GMT

Last JAMD COI meeting was hosted by the U.S. Air Force Space Command (AFSPC) on 31 August - 01 September in Colorado Springs. Presentations from that meeting are available in the document library. » Next JAMD COI Meeting

Next JAMD COI meeting is scheduled to be hosted by the Missile Defense Agency on 07-08 December in Huntsville, AL.

Current < Previous | Next > Archived

Joint Air and Missile Defense (JAMD) COI Links

Options

Joint Air and Missile Defense (JAMD) Namespace

Link to the Joint Air and Missile Defense (JAMD) Namespace within the DoD Metadata Registry and Clearinghouse (MDR&C). If already signed into the MDR&C, this link will take you directly to the JAMD Namespace. If not already logged into the MDR&C, you will be directed to the Homepage. Once logged in to the MDR&C, choose View-Namespaces, open the DODENT-DoD Enterprise folder, and select "JAMD-Joint Air and Missile Defense." The JAMD Namespace contains the Joint Air and Missile Defense Community of Interest (JAMD COI) Common IAMD XML Schema (CIXS) and supporting WSDL and Common IAMD XML Message Set. Dr. Timothy Kearns (MDA BCE/ MITRE), 719-277-4174 is the JAMD Namespace Manager; Mr. Joe Velasquez, 256-864-7038, (PEO MS/BAE Systems) is the Namespace Administrator. Metadata is posted to the JAMD Namespace as authorized by the CIXS CCB. The CIXS CCB serves as the Data Management Working Group under the Joint oversight of the JAMD COI.

JIAMD Mission Services Forum

This forum is the home for the Joint Integrated Air and Missile Defense (JIAMD) community to coordinate operational development of Web Services to support the JIAMD Warfighter. This site identifies current Web Services that exist and those planned to support JIAMD capabilities. The site will also provide a forum for the collaboration of work efforts and other assessment and reference products. The JIAMD Web Services Forum serves as the Joint IAMD Mission Services Working Group for the JAMD COI.

Joint Air and Missile Defense (JAMD) COI Knowledge Center

Joint Air and Missile Defense (JAMD) COI Files

Joint Air and Missile Defense (JAMD) COI

Show 10 [20] 50 100

Name	Type	Creator	Size	Date / Time GMT	Version
JAMD COI	Folder	gerald.skidmore	871 files	May 1, 2009 5:07 PM	
JIAMD Summit	Folder	gerald.skidmore	114 files	Mar 2, 2009 10:39 PM	

Joint Air and Missile Defense (JAMD) COI Knowledge Center

JAMD COI

Joint Air and Missile Defense (JAMD) COI Files

Name	Type	Creator
Approved JIAMD Spiral 3 Arch	Folder	gerald.skidmore
Cross-COI Coordination	Folder	walter.t.judd
JAMD COI Charter and Associated Processes	Folder	larry.darryl.smith
JAMD COI Meetings	Folder	gerald.skidmore
JAMD COI Products	Folder	gerald.skidmore
JAMD Portfolio Systems of Interest (SOI)	Folder	larry.darryl.smith
JAMD-Related XML	Folder	larry.darryl.smith
Navy Coordination	Folder	larry.darryl.smith

JAMD COI Meetings

Name	Type	Creator
JAMD COI Mtg - 20061130	Folder	gerald.skidmore
JAMD COI Mtg - 20070824	Folder	gerald.skidmore
JAMD COI Mtg - 20090506	Folder	gerald.skidmore
JAMD COI Mtg - 20110125	Folder	gerald.skidmore
JAMD COI Mtg - 20090118	Folder	gerald.skidmore
JAMD COI Mtg - 20050510	Folder	gerald.skidmore
JAMD COI Mtg - 20050919	Folder	gerald.skidmore
JAMD COI Mtg - 20051219	Folder	gerald.skidmore
JAMD COI Mtg - 20090428	Folder	gerald.skidmore
JAMD COI Mtg - 20060801	Folder	gerald.skidmore

JAMD COI Products

Name	Type	Creator
CIXS CCB - Net-Centric TM	Folder	jose.velasquez1
Common IAMD Taxonomy	Folder	migrate.doi
JAMD COI Info Package	Folder	gerald.skidmore
JAMD COI Vocabulary	Folder	larry.darryl.smith
JAMD Data Pedigree Info	Folder	larry.darryl.smith
JAMD Melacard Template	Folder	gerald.skidmore
JAMD Mission Service WG	Folder	gerald.skidmore
JAMD Net-Centric Assessment Toolkit	Folder	gerald.skidmore
Mapping to IAMD Operational Architecture	Folder	gerald.skidmore

UNCLASSIFIED

UNCLASSIFIED



JAMD COI

→ ALL INVITED ←

- JAMD COI Meetings are Held Quarterly
 - Rotated among members
 - First Day: Devoted to Status of Net-Centric Products
 - Second Day: Devoted to Status/Coordination of IAMD Systems
 - **Note:** Need Participation by USMC
 - JAMD COI is oversight body for CIXS CCB and GSIN CCB
- CIXS CCBs/Workshops Meetings are held monthly
 - Vote by System
 - **Note:** Need USAF Voting Systems
- Net-Centric TIMs are held Bi-Monthly
 - Purpose is to Share Net-Centric Developments of Interest to the JIAMD Community

UNCLASSIFIED

Summary



- JAMD COI is focused on the Development/Coordination of Common IAMD Data/Mission Services for the JAMD community
 - Currently 16 PORs Vote Monthly on the Common Data Standard for the JIAMD community (CIXS)
- JAMD COI is leading our community's migration to JIIM IAMD Net-Centric Operations and Service Oriented Architectures (SOA)
 - JAMD COI Support to the MSSET is Critical in Synchronizing Efforts to Bring Maximum Net-Centric Value to the JIAMD Community
 - Working Closely With:
 - CCDRs - Joint staff
 - USA/USN/USMC/USAF/MDA - Other COIs (e.g. Air Operations, C2 SSA)
 - JPEO IAMD/MSSET - NATO NC3A / JCG-GBAD / ALTBMD Programme Office
 - Net-Centric SE Activities support PMs in satisfying NR KPP requirements to Realize JIAMD Capabilities
- Working to Align Initiatives in support of:
 - Joint Track Management Capability / Combat ID / Integrated Fire Control / Automated Battle Mgt Aids
 - Air and Missile Defense Integrating Authority / AMD Governance
 - NATO Territorial Missile Defense - European Phased Adaptive Approach

JAMD COI and CIXS/GSIN Namespaces are Key Enablers to Achieve JIAMD Net-Centric Operations for the Warfighter



Points of Contact/Questions

Government Action Officers



Col Robert Rogers (USAF)
IAMDC Chief Advocate
USSTRATCOM-J85
Email: rogersrm@stratcom.mil
Phone: 402-294-4434

Mr. David Skidmore "Skid"
Technical Director for Net-Centric Integration
U.S. Army PEO Missiles and Space
Email: gerald.skidmore@us.army.mil
Phone: 256-313-8397

Technical Support

Mr. Matthew LeVee, CIV
Program Analyst
Missile Defense Advocacy
USSTRATCOM/J852
LEVEEM@stratcom.mil
Comm: 402-232-0812
DSN: 272-0812

Mr. Larry Smith, CTR
PEO MS Support/JAMDCO Coordinator
BAE Systems
Email: larry.d.smith@baesystems.com
Phone: (256) 864-7060

Dr. Tim Kearns, CTR
JAMDC Namespace Manager
MITRE - MDA
Email: kearns@mitre.org
Phone: (719) 277-4174

Ms. Christine Schmidt, CIV
JFCC-IMD/J66
Email: christine.schmidt@jfcc-imd.stratcom.mil
Phone: (719) 721-7991

Mr. Jose "Joe" Velasquez, CTR
JAMDC Namespace Admin/IAMDC XML CCB Coord
BAE Systems
Email: jose.velasquez@baesystems.com
Phone: (256) 864-7038