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see www.integrated-ea.com



Department of Defense Architecture Framework (DoDAF) v 2.0 Development

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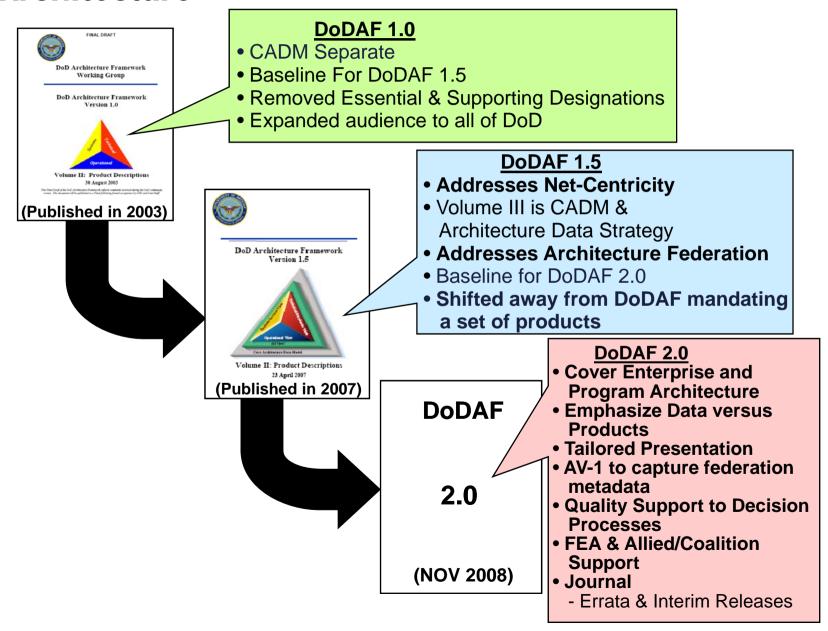
The Importance of DoDAF Evolution

- As our Department policies and decision processes evolve, so must the DoDAF
- DoDAF v1.5 represents an important step toward addressing the requirements of the Net-Centric Environment in architectures
- DoDAF v2.0 must address evolving information requirements of the Department using both top-down and bottom-up approaches
 - Information Sharing
 - Net-Centric Strategies
 - Portfolio Management





DoDAF Evolution To Support "Fit For Purpose" Architecture







Net-Centric Concepts addressed in DoDAF 1.5

The following Net-Centric Concepts were presented and discussed to be included in DoDAF 1.5

1. Populate the Net-Centric Environment

 Represent what information and capabilities are being made available (as services) to the NCE so they can be leveraged by others.

2. Utilize the Net-Centric Environment

 Represent what information and capabilities provided on the GIG will be available to service consumers through service discovery and leveraged across the NCE.

3. Support the Unanticipated user

Represents that 1) capabilities can scale to support both human and system unanticipated users, and 2) the posting of information, data, applications and services to the NCE occur as soon as possible to enable multiple use.

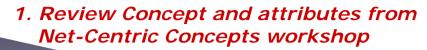
4. Leverage COIs to promote Jointness

 Represents the utilization of COI specific interface specifications, taxonomies, and common vocabulary to support interoperability in the NCE.

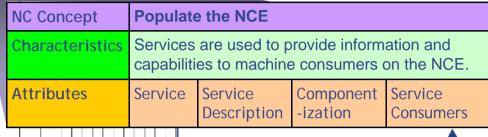
5. Support Shared Infrastructure

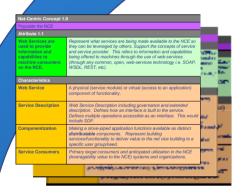
Represents that the shared physical and services infrastructure (the EIE) is identified and leveraged in the NCE.



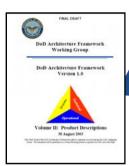


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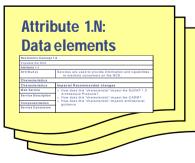




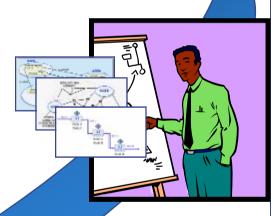
2. Review architectural relevance of each attribute



5. Propose Net-Centric Guidance for DoDAF 1.5



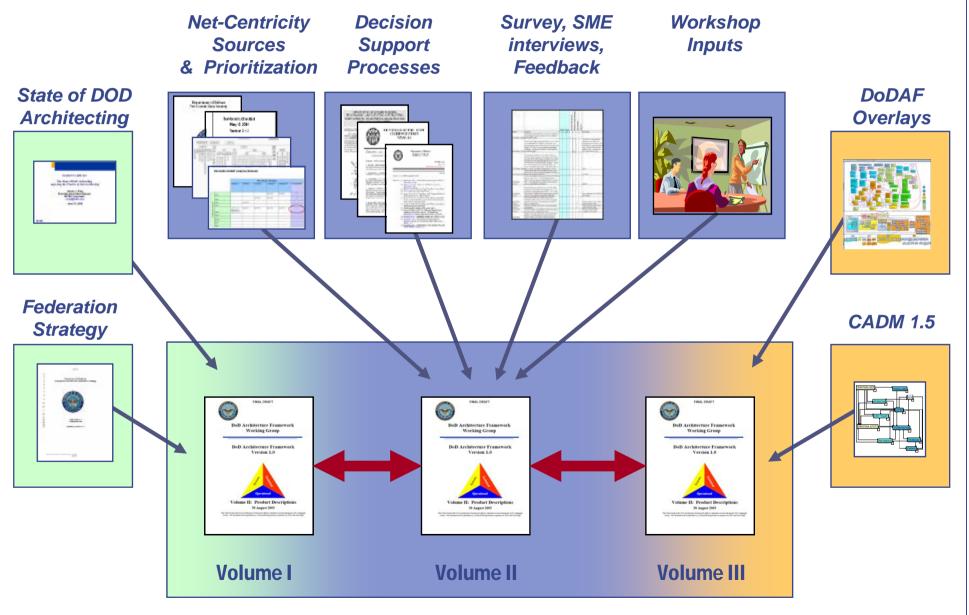
3. Decompose attributes to Data Element level



4. Apply
Data
Elements
to DoDAF
1.0 views
and identify
gaps



Three Integrated Volumes





Desired End-State

Federation/Integration Methodology **Decision Support** Federated/Integrated **Joint Architectures** JCIDS Acquisition PPBE **Useful Analytical Information Investment** Tools, Reviews Repositories,



and Registries





Architecture Federation

Registration

- Discovery/Re-use
- Availability
- Location
- Owner
- Development
- Description

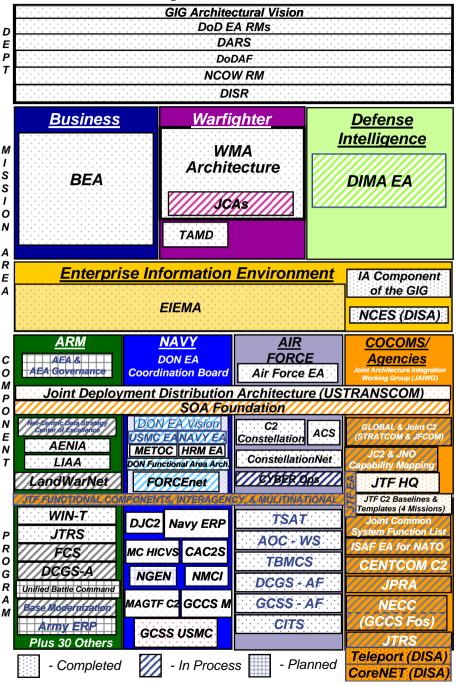
<u>Alignment</u>

- Mission Threads
- Standards/Compliance
- Cross-Enterprise Perspective
- Content Comparison

Tiered Accountability

- Distributes responsibility
- Appropriate SME Involvement
- Improved Configuration Management

DoD Enterprise Architecture







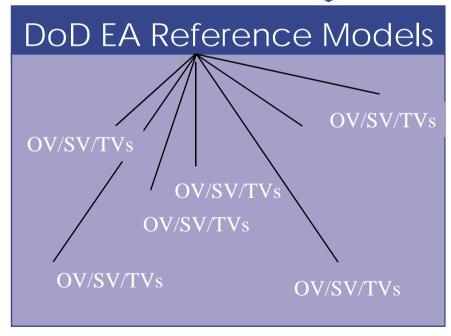
The DoD EA Business Reference Model **Serves Two Functions**

FEA Reference Models

Line of Separation

Internal DoD Environment

External Federal Environment Capital Planning



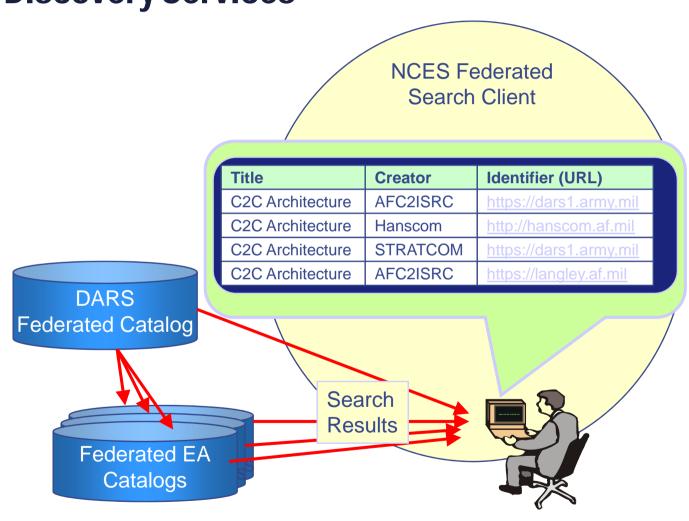
Examples:

- Business Enterprise **Architecture**
- Warfighting Mission Area Architecture
- Component Architectures (Army, Navy, Air Force, TRANSCOM, etc.)
- Program x





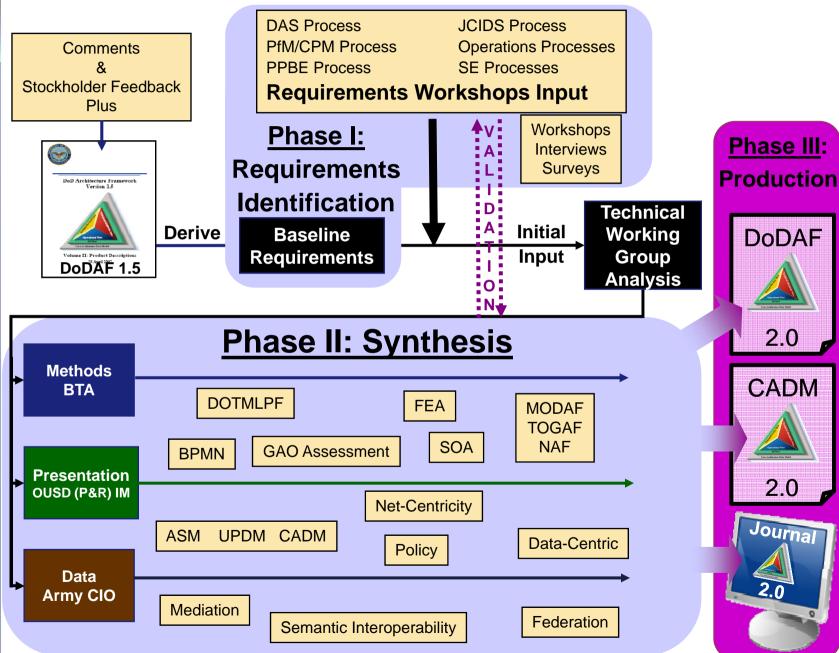
DoD Architecture Registry System Federated Discovery Services







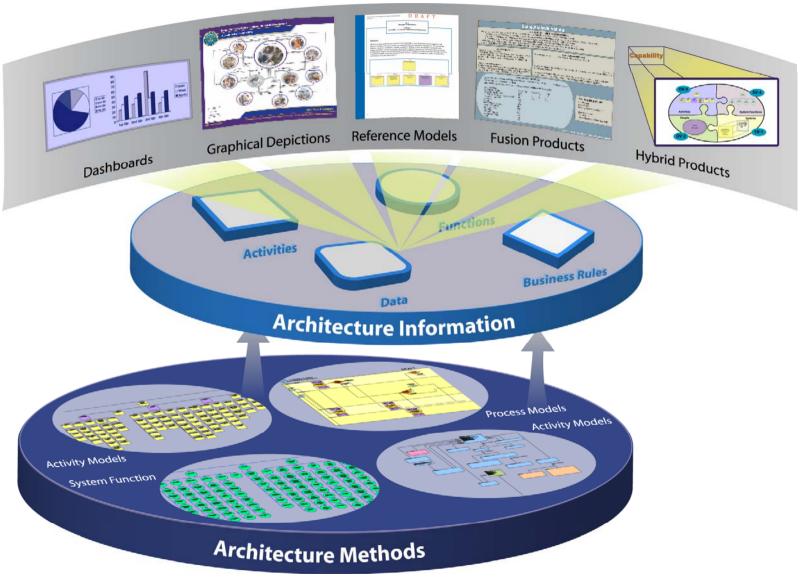
DoDAF v2.0 Development Approach



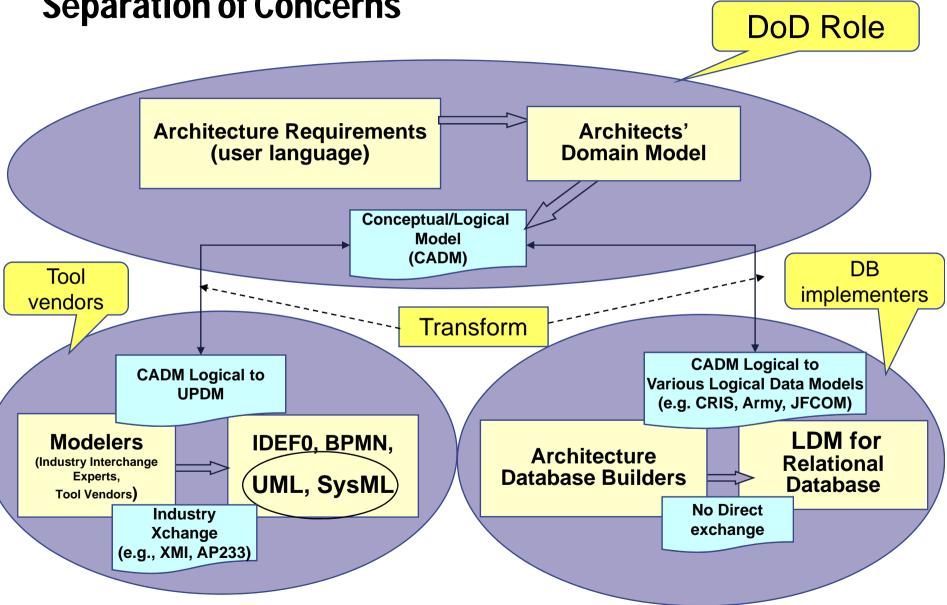




DoDAF v2.0 Fit for Purpose Visualization



Information Requirements and Data Exchange: Separation of Concerns





Summary

- The DoDAF has been evolving since version 1.0
- Version 1.5 incorporated concepts of net-centricity
- Version 2.0 will represent the results of a complete requirements review:
 - Support for major processes of the Department
 - Support for the Net-Centric Data and Services Strategies of the Department
 - Analysis of framework alignment (Federal, MODAF, NAF)
 - Shift to a meta-model approach and Standards Development Organization engagement



