



JADC2 Data Summit Take-Aways

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Data Summit Participants:

- *Agree on baseline understanding of the Common Data Fabric.*
- *Voice their equities, perspectives, and concerns.*

JADC2:

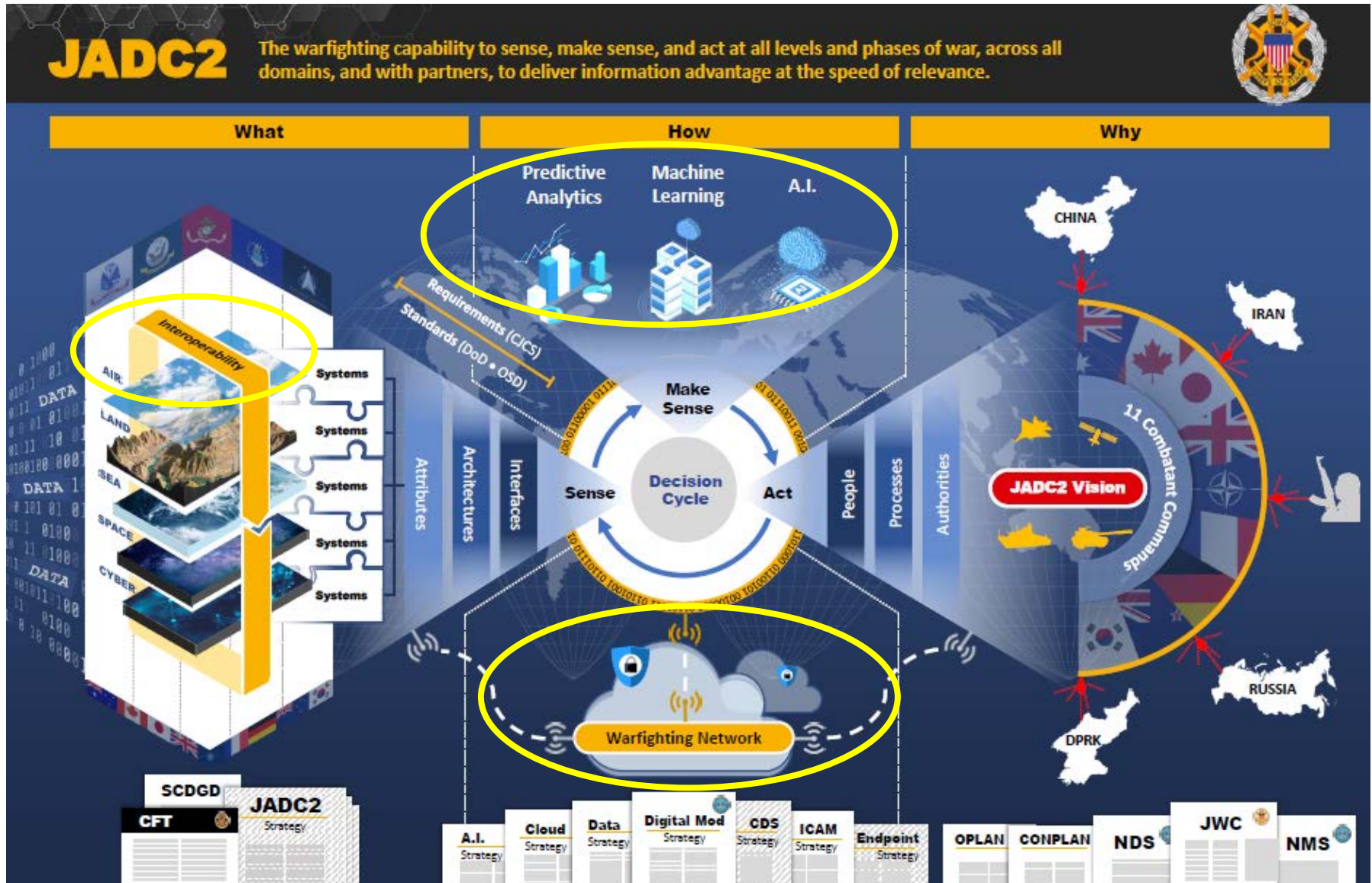
The warfighting capability to sense, make sense and act at all levels and phases of war, across all domains, and with partners to deliver information advantage at the speed of relevance.

Enabled by a JADC2 Data Fabric (Final Draft Definition):

DoD federated data environment for sharing information through interfaces and services to discover, understand and exchange data with partners across all domains, security levels and echelons.

The JADC2 Data Enterprise Environment equals the JADC2 Data Fabric.

Decision Making Speed and Quality



Fact #1

JADC2 Strategy LOE #1 (Establish the JADC2 Data Enterprise) serves as the authoritative oversight / governance body for JADC2 Data Fabric development and implementation.

JADC2 Data Implementation

Focus Areas:

- *Metadata labeling*
- *Standardized APIs*
(Clearly defined and Documented)
- *Data Access Management*
- *Data Security*
+
- *Data Infrastructure*

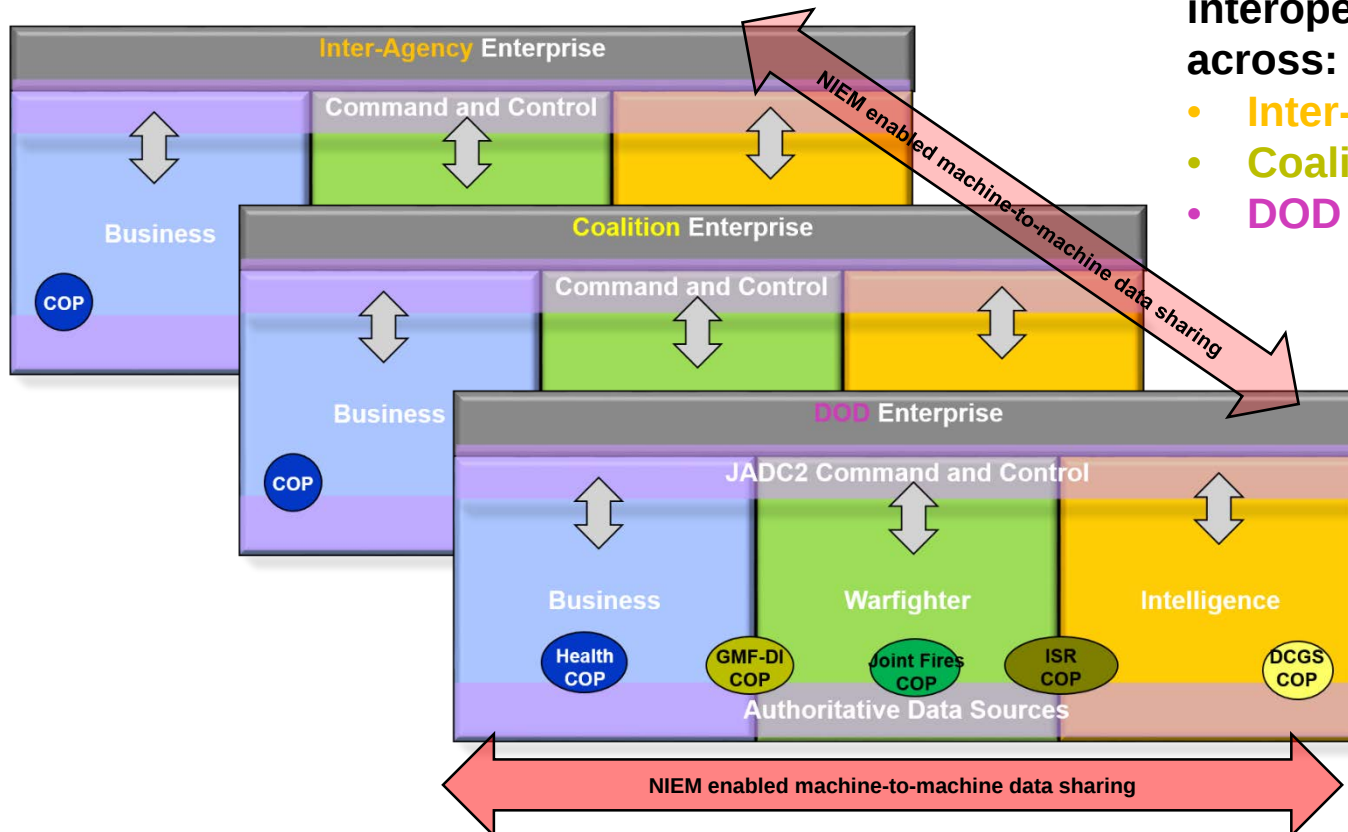
Other Areas Identified

Master Data management
Cross Domain
Account for Partners
Standardized Data Models
(Documentation & Visibility)
Combatant Commands
Define what data is exchanged and
being moved
National Information Exchange Model

Summit Planning Facts

Fact #2

JADC2 follows a two-tiered (Service/COI and Enterprise) multi-model data exchange framework, and enterprise-level data exchanges utilize the National Informational Exchange Model (NIEM)



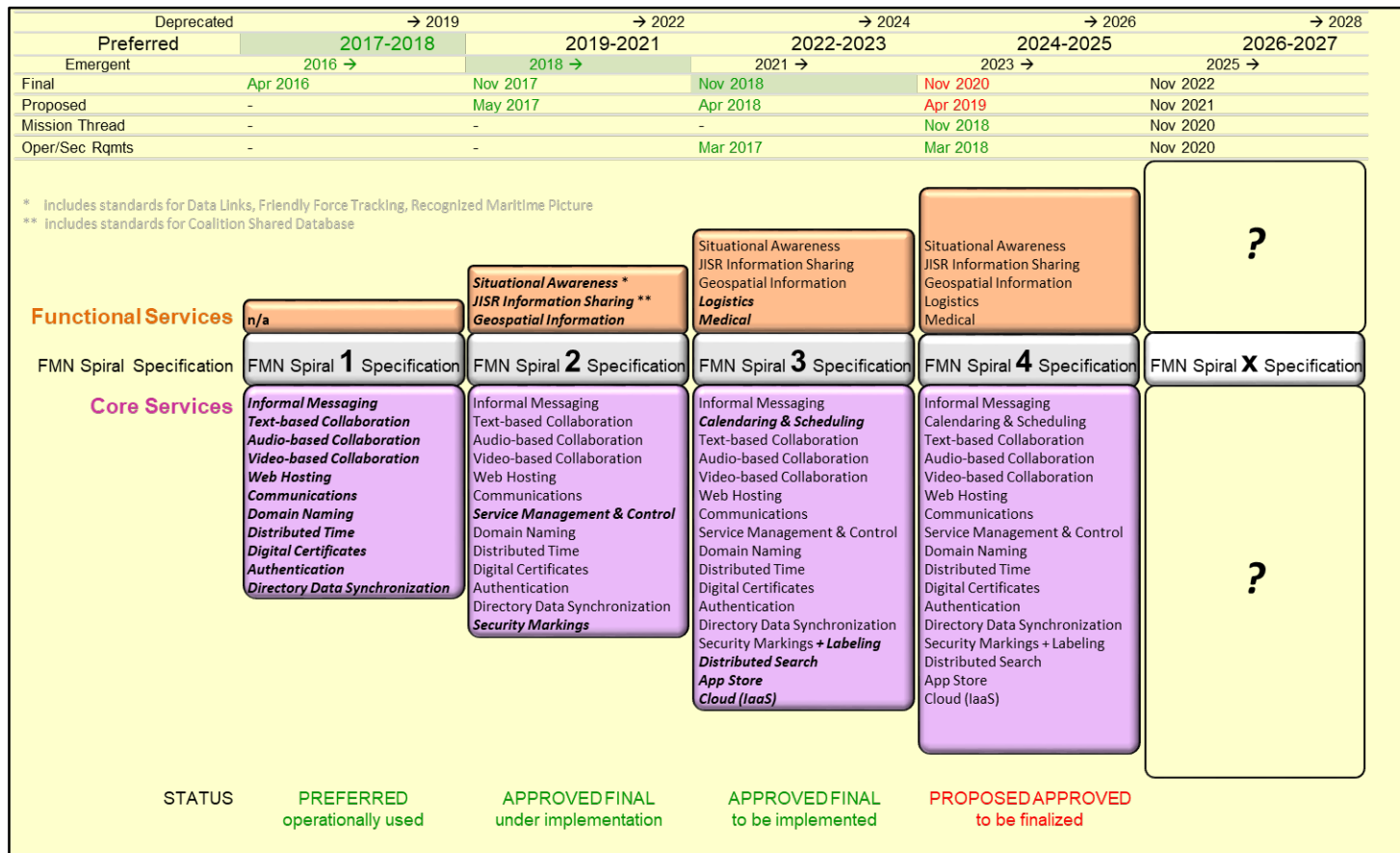
JADC2 and DOD data-level interoperability required across:

- **Inter-Agency**
- **Coalition**
- **DOD**

Summit Planning Facts

Fact #3

JADC2 fully leverages the Mission Partner Environment (MPE)/Federated Mission Networking (FMN) IT standards spirals to ensure coalition partners' and allies' interoperability.



Summit Planning Facts

FACT #4

Data Centricity requirements are the same for Information Sharing, Artificial Intelligence/Machine Learning and Cloud Computing.

JADC2 Data Focus Areas					
DOD Data Strategy Goals	Metadata Tagging	Standardized Data Interfaces	Common Data Access	Data Security	Data Infrastructure
Visible	✗	✗			✗
Accessible	✗	✗	✗	✗	✗
Understandable	✗	✗			✗
Linked	✗	✗			✗
Trustworthy	✗			✗	✗
Interoperable	✗	✗	✗	✗	✗
Secure	✗	✗	✗	✗	✗
Digital Modernization Strategy Goals					
Innovate	✗		✗		✗
Optimize & Improve	✗	✗	✗	✗	✗
Evolve Cyber Security	✗	✗	✗	✗	✗
Cultivate Talent	Future DOTmLPF-P JADC2 DEC Work				

Enterprise capability corresponds to the how much we do in common.

Future Meeting Objectives:

LOE #1 – Establish the JADC2 Data Enterprise

Objective 1.1 – Establish Metadata Tagging

Objective 1.2 – Clearly Defined and Documented Data Interfaces

Objective 1.3 – Establish/Ensure Common Data Availability and Access

Objective 1.4 – Establish/Ensure Data Security

Objective 1.5 – Establish a Robust and Resilient Data Infrastructure

Objective 1.6 – Establish JADC2 IT Standards



Questions?

Key Guidance and Direction



- Federal Government Data Strategy Action Plan
- DoD Digital Modernization Strategy
- DoD Cyber Strategy
- DOD Cloud Strategy
- DoD Data Strategy
- DOD Artificial Intelligence Strategy
- DODI 8320.02 Data Sharing in a Net Centric Environment
- DODI 8320.07 Implementing the Sharing of Data, Information, and Information Technology (IT) Services in the Department of Defense
- NATO STANAG 4774, 4778, 5525, 5636
- NATO FMN Implementation Plan (Spiral Specifications)
- Joint Warfighting Concept
- Joint Concept for Command and Control / Concept Required Capabilities #9
- JADC2 Placemat
- JADC2 Strategy
- JADC2 Reference Architecture
- JADC2 Data Enterprise Convergence (DEC) – Initial Steps