

Forcepoint JADC2 Collaboration Guide

Joint All-Domain Command and Control Made Simple for DoD

Challenge

- › 43% of military respondents say data siloes prevent data collection and dissemination.
- › 23% disagree over their ability to integrate disparate data sources to support decision making.
- › Multiple networks can't talk to each other, creating complexities for secure communication.
- › Trusted allies and partners increase interoperability challenges.

Solution

Achieve JADC2 for inter-DOD collaboration by:

- › Adopting CDS for secure data transfer, deep threat detection and removal, network segmentation
- › Requiring adoption of Zero Trust architectures
- › Complying with Commercial-Off-the-Shelf and Raise The Bar guidelines

Outcome

- › High-speed access and meaningful collaboration
- › Secure inter-agency data sharing while preventing data leakage
- › Single device to connect multiple defense agencies and share different types of sensitive data securely

What is JADC2?

Joint All-Domain Command and Control is the DOD's initiative to link all the U.S. military branches together to make it easier to share data and collaborate among the nation's warfighters. JADC2 is in response to a future scenario where conflicts may require leaders to make decisions within minutes or seconds instead of the traditional days-long process of analyzing the operating environment and issuing commands. Instead, the JADC2 approach connects the sensors and nodes, such as from ships, tanks, and aircraft, from each of the six branches of the military into a single network. Mission teams would then use advanced technologies like AI, machine learning, automation, and new communication methods to quickly sift through this combined intelligence to make critical decisions faster. By design, JADC2 would reveal the best way to attack a given target or identify the unit best able to address emerging threats.

Inter-Service Collaboration Challenges

The DOD envisions using JADC2 to "command forces in multiple domains simultaneously," raising the stakes for connecting teams and forces. However, data siloes stand in the way of service branch collaboration and cooperation. Without secure data sharing capabilities across networks, decision making hinges on an incomplete picture of information.

- 45% of military respondents from 2020 Government Business Council (GBC) survey noted siloed data as a challenge to their organization's ability to collect and disseminate data.
- 23% of military respondents disagree that their organization integrates disparate data sources to support decision making in the field, suggesting barriers to data access.
- 25% of federal employees fear compromised data as a reason for limited remote access in their agencies, signaling challenges in collaboration due to increased telework.

For teams that transfer data among sites and with other military branches across the globe, remote work has created a greater gap in the capability for digital collaboration. Warfighters being globally dispersed increases the risk of data leakage during transfer and introduces an enlarged attack surface that every service needs to protect.

DOD teams are left trying to piece together data sharing solutions from multiple providers, which results in scale and performance limitations. They can't meet the capacity or connectivity needs of the expanded set of JADC2 network domains. They are unable to effectively transfer the types of data at the performance requirements sensitive missions demand. This is why Cross Domain Solutions (CDS) are needed, as they can fortify and scale security for transferring critical information to accelerate achievement of JADC2.



Forcepoint has been awarded a \$950,000,000 ceiling indefinite-delivery/indefinite-quantity contract for the maturation, demonstration, and proliferation of capability across platforms and domains, leveraging open systems design, modern software, and algorithm development in order to enable Joint All Domain Command and Control (JADC2). This contract is part of a multiple award multi-level security effort to provide development and operation of systems as a unified force across all domains (air, land, sea, space, cyber, and electromagnetic spectrum) in an open architecture family of systems that enables capabilities via multiple integrated platforms.

Air Force Life Cycle Management Center/Chief Architect Integration and Execution Office (AFLMC/CAIO)

Collaborate Across Service Branches with Cross Domain Solutions

Your mission depends on securely sharing sensitive data with trusted agencies and coalition and industry partners. Forcepoint helps you quickly move toward JADC2 with CDS capabilities that secure data transfers across “any-to-any” security levels and multiple networks, including:

- Deep Threat Detection and Removal
- Data Guards
- Data Diodes
- Thin Clients
- Risk-adaptive, Behavior-based Data Protection

Better mission decisions, in real-time

Forcepoint CDS focus on securing and simplifying the intersection of technology, data, and people. Intelligence officers, analysts, commanders, and warfighters use these solutions to access and transfer data and files across and between networks at speeds previously unimagined. Forcepoint’s multi-domain solutions:

- Work within segmented network environments to enable efficient and secure data access and transfer.
- Enable system administrators with enterprise-scale administration tools to support a global footprint.
- Balance the need to share data against the need to protect both the data itself and the agency as a whole.
- Ensure that data and files arrive at their appointed destinations quickly and reliably, in the right format and free of malware.

Only Forcepoint can provide this level of comprehensive protection for the DOD organizations and has the building blocks to grow with them as they look toward JADC2.

Secure Global Missions Efficiently and Effectively—No Matter Where Your People and Data Are

You can trust Forcepoint’s expertise and portfolio of CDS because every U.S. military branch and intelligence agency already does.

Raise the Bar (RTB)-compliant, the Forcepoint CDS suite provides a single device to connect multiple defense agencies and share different types of sensitive data securely—so you can carry out your mission. Forcepoint’s commercial off-the-shelf (COTS) portfolio offers greater efficiency and flexibility for users and delivers significant, measurable ROI in under 6 months. Successfully adopt JADC2 with a CDS provider that:

- Employs the largest staff of highly cleared service professionals to support installation, assessment and authorization (A&A), and Site Based Security Assessment (SBSA) and can provide training for your team or flexibility to manage the environment for your organization.
- Enables secure high speed data transfer between segmented networks in all environments: from HQ to tactical edge at an enterprise or smaller scale level.
- Is trusted by the U.S. DoD, IC Community, and Civilian Agencies for 20+ years.
- Is included on the U.S. NCDSMO Baseline for TSABI and SABI environments.
- Meets NSA RTB guidelines and testing. Sustains the industry’s fastest bi-directional transfer rates (> 9 GB with latency as low as 1.3 ms.)
- Scales. A single endpoint can move petabytes of secure data between isolated networks and simplify security permissions over unlimited networks and users.
- Delivers ROI. DOD and IC teams achieve more than 268% ROI and save up to \$7.5 million in reduced infrastructure and opex.

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