

Unified Collaboration for Modern Defense Operations:

Enabling the JADC2 Framework Through Secure Collaboration

Joint All-Domain Command and Control (JADC2) transforms defense operations by **enabling commanders to sense, make sense, and act across all domains**. Through **secure collaboration and integrated workflows**, JADC2 empowers the Joint Force to achieve **information and decision advantage in complex, multi-domain missions**.

Today's Command and Control Challenges

Four primary barriers impact the Joint Force's ability to sense, make sense, and act:



Siloed Communication Tools

Disrupt cross-branch coordination



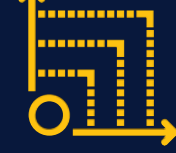
Manual Workflows

Cause operational delays and inefficiencies



Interoperability Hurdles

Require substantial resources to maintain Zero Trust compliance



Scalability Constraints

Prevent secure, effective adoption across a massive and complex workforce

Mattermost is purpose-built to address these challenges, delivering a unified collaboration platform that offers deep integration of communications and workflow automation across domains and services while meeting the stringent security requirements of the Department of Defense.

STEP 1

Enable System Interoperability



CHALLENGE

Systems must work together seamlessly across the Joint Force and mission partners.



SOLUTION

Leverage open standards and flexible integration capabilities.



OUTCOME

Efficient operations without extensive retraining or infrastructure overhauls.



WHAT IF?

Space Force teams integrate telemetry data from ground stations and space-based assets via Mattermost during a satellite anomaly detection exercise. Coordination across systems enables faster threat analysis and resolution.

Achieve Compliance with Secure Deployment Options



CHALLENGE

Maintaining operational flexibility in diverse environments without compromising adherence to data security standards.



SOLUTION

Deploy secure, air-gapped solutions with robust encryption and role-based controls (RBAC).



OUTCOME

Enhanced security without sacrificing operational efficiency.

WHAT IF?



During a suspected cyber attack, a Cyber Operations unit employs an air-gapped Mattermost deployment to collaborate on responding to and resolving the incident. Encrypted communication and controlled access ensure mission-critical continuity while isolating compromised networks.

STEP 3

Integrate Information Across All Domains



CHALLENGE

Siloed communication during real-time collaboration across domains can have devastating results.



SOLUTION

Create a unified information-sharing environment that integrates with the JADC2 data fabric.



OUTCOME

Real-time information sharing and enhanced situational awareness.



WHAT IF?

During a joint exercise, Air Force command centers, Army ground units, and Navy maritime forces coordinate seamlessly using secure Mattermost channels. Real-time mission updates flow across branches, ensuring alignment and responsiveness in dynamic conditions.

Transform Data Into Understanding



CHALLENGE

Commanders need to analyze information quickly to understand and predict the operational environment.



SOLUTION

Deploy automated workflows that accelerate data processing and enhance collaborative analysis.



OUTCOME

Faster, more accurate intelligence analysis and prediction.

WHAT IF?



Cyber defense teams use secure, sovereign AI within Mattermost to consolidate data from multiple streams into actionable insights, enabling faster pattern recognition and threat assessment across domains.

STEP 5

Enable Mission Command



CHALLENGE

Decisions must be disseminated rapidly while maintaining the commander's intent, even when communications are degraded.



SOLUTION

Provide resilient communication channels that support Mission Command principles.



OUTCOME

Resilient, reliable communication in any environment.



WHAT IF?

An Army brigade uses Mattermost Playbooks to automate mission approvals. SITREPs are streamlined, reducing manual intervention and ensuring every action aligns with the mission strategy, even when operating in DDIL environments.

Ready to empower your organization to achieve JADC2 compliance?

Transform operations with a secure, resilient collaboration platform purpose-built for mission-critical work.

➤ **LEARN MORE at mattermost.com/defense**