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DEFENSE LOGISTICS AGENCY

Established 1961



Defense Automatic Addressing System (DAAS)

March 31, 2026



THE NATION'S LOGISTICS COMBAT SUPPORT AGENCY

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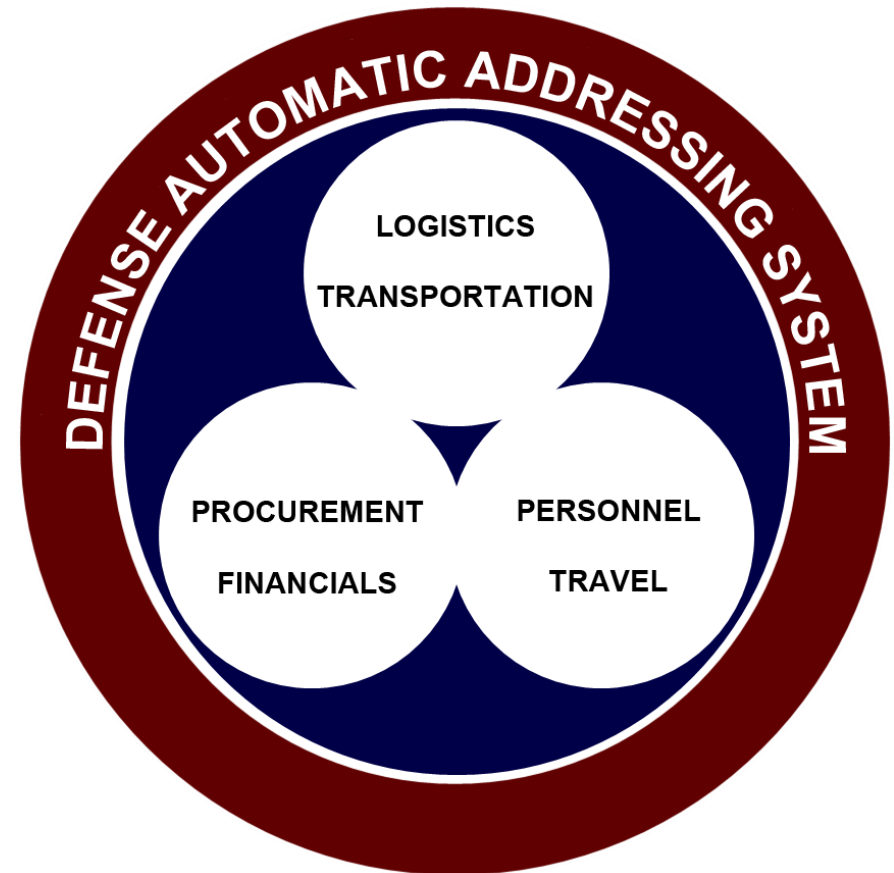
PEOPLE ★ PRECISION ★ POSTURE ★ PARTNERSHIPS

WARFIGHTER ALWAYS



Session Agenda

- Logistics Support Overview and Role
- DLMS EDI Transaction Conversation
- DAAS Modernization
- API Gateway
- Questions



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Defense Automatic Addressing System Logistics Support

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DoD Directive 8190.01E

- Establishes DLMS as DoD standard
- Defense Logistics Agency serves as DLMS Executive Agent
- Standardization ensures interoperability across Components

DLM 4000.25-4 (DAAS)

- Identifies DAAS as the logistics central hub for all DoD logistics transactions
- Defines DAAS operations, including validation, translation, routing, and archiving



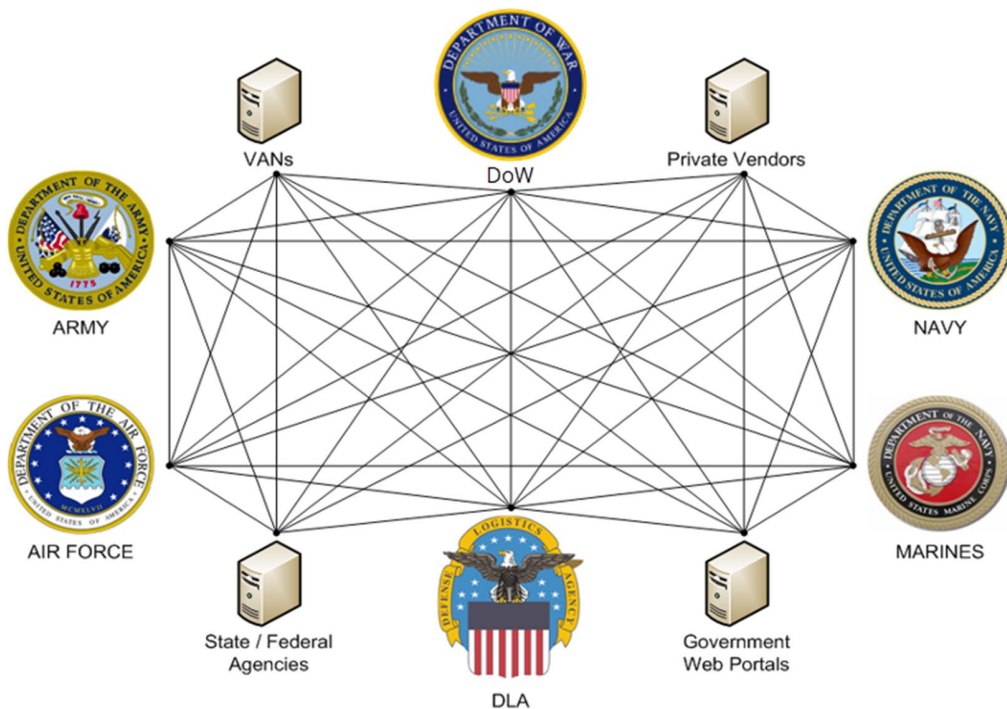
Defense Automatic Addressing System (DAAS)

- DAAS is not a single system (.e.g, SAP/EBS, WMS, etc.) but a collection of several interdependent systems and functional capabilities
- As a collective, enable DAAS to perform its mission critical functions
- DAAS receives, validates, translates, routes, and delivers transactions from/to the correct destination for our customer base:
 - Military Components
 - DoD Agencies (DARPA, DFAS, DoDEA, DISA, etc.)
 - Civil Agencies (FAA, FEMA, GSA, NASA, USPS, etc.)
 - Foreign Military Sales (FMS) partner nations
 - Financial Institutions
 - Transporters and Suppliers

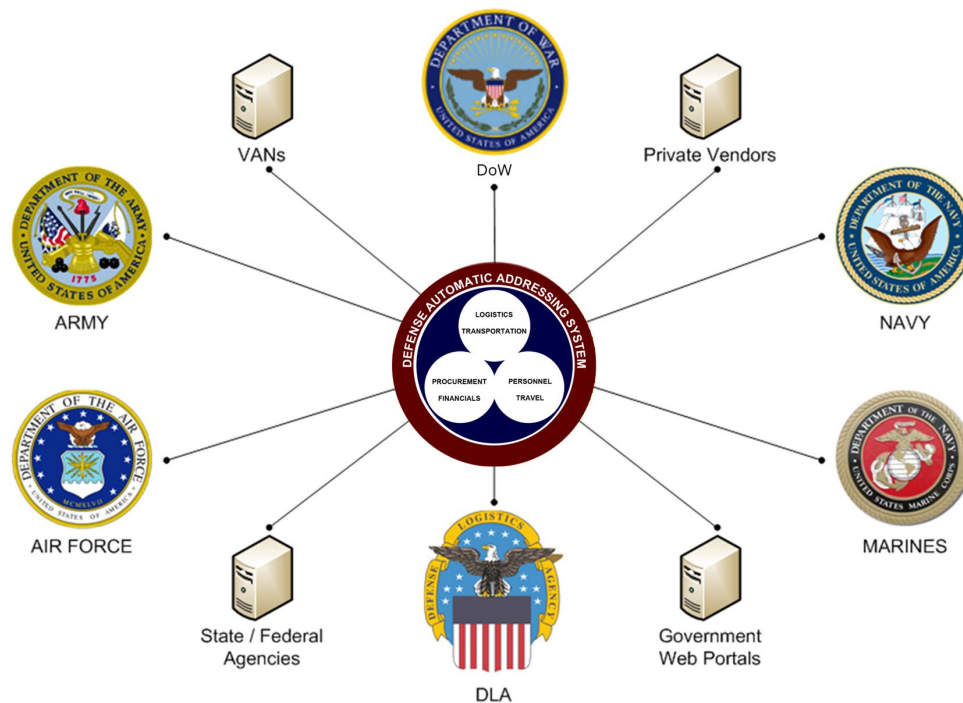
DoW / DLA Logistics Network



Connections without DAAS



Connections with DAAS



From Agreement to Execution



- DAAS operates 24 x 7 x 365 and services have an availability target of 99.9%
- Customers requiring a connection need to establish an Interface Control Agreement (ICA)
- ICA's define the system connection
- Logistics Support Branch, for the most part, manages onboarding process
 - Customers may reach out to the DAAS Logistics Support Branch to initiate discussions on requirements
 - Depending on requirements, customers may deal with various branches along the process (e.g., Agreements, EDI, API, Testing)
- Once onboarded, testing occurs. This process confirms transaction compliance
- After testing is completed, customer system goes live. Production environment enables operational exchange between trading partners

Core Logistics Support Capabilities



- Throughout the lifecycle, DAAS Logistics Support provides:
 - Trading partner configuration
 - Transaction troubleshooting support
 - Data tracing and research assistance
 - Coordination with system owners and developers
 - Enterprise rules enforcement
 - Identification of transaction errors to correct downstream impact



- **DAAS Agreements Branch**
 - agreements@dla.mil
- **Logistics Support Branch**
 - Air Force support team
 - DAASAirforcesupport@dla.mil
 - Army, GSA support team
 - DAASArmy_GSASupport@dla.mil
 - DLA (WMS, SAP/S4, FLIS, etc)
 - DAASDLASupport@dla.mil
 - Navy, USMC, Coast Guard support team
 - DAASNavy_marine_cgsupport@dla.mil
 - Testing support team
 - DAASTesting@dla.mil



Questions??

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Defense Automatic Addressing System DLMS Logistics Processing

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- IC Compliance checking – Are we proceeding with checking inbound X12 for compliance with the Implementation Convention?
- XML version 1.0 is in use currently, are there any plans to move to 1.1? Version 1.1 allows for conditional validation.
- DLMS XML version control – Currently DAAS supports about 100 different versions of the XML .xsd's, is there a plan to force an update to older users?
- DLMS X12 Version – We are currently using versions 4010 and 4030, are there plans to move to more current versions of X12?
- DLMS Compliance Reporting – DAAS needs to update the report but needs to understand DEDSO's requirements for the reporting.
- ADC Implementation Targets – Can we create a schedule of ADC targets for implementation?

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Defense Automatic Addressing System Modernization

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Streamlined Application Login



- In 2025, DAAS streamlined the login process for several of our query-based applications.
- Affected applications only require end users to have a CAC
 - System Access Request (SAR) process was removed
- Applications included
 - EDAASINQ
 - WEBVLIPS
 - LOGREPORTS
 - LMARS



- DAAS is working to comply the ICAM requirements
- ICAM enabled capabilities will start rolling out this year and continue into 2027, but not all at once
- There will be impact to DAAS customers
 - You will need to submit a new access request for DAAS capabilities
 - How you log in to DAAS capabilities will be changing
- More information will be shared with DAAS customers as required



- DAAS is in early stages of modernization efforts
- Looking at all aspects of program
 - Self Service Portal
 - Reports
 - Transaction Processing
- Goal is to modernize the IT capabilities
- Expect changes and communication coming from the DAAS PMO as capabilities modernize

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Defense Automatic Addressing System API Gateway

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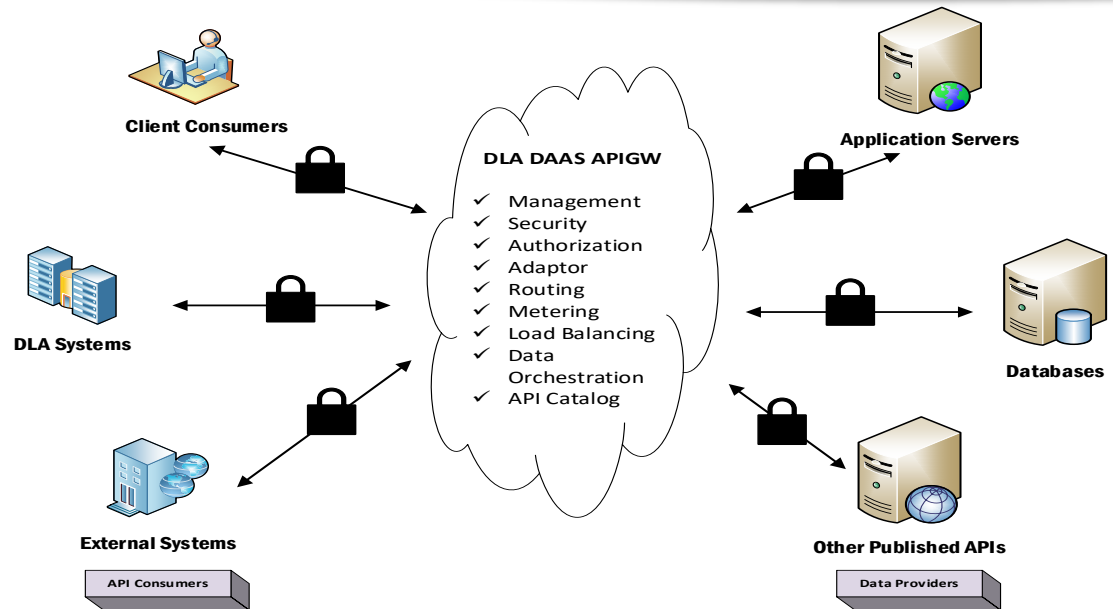
DLA DAAS API Gateway Enterprise Environment

API

➤ An Application Programming Interface (API) serves as a link facilitating interaction between systems, enabling them to access and retrieve data and functions from endpoint applications

API Gateway

➤ An API gateway enhances this process by acting as an API management tool positioned between a client and a collection of backend services. It enables secure API calls, aggregates the necessary services to fulfill these requests, and returns the appropriate results, thereby ensuring efficient and streamlined interactions



BENEFITS

API Transformation	Digital Transformation and Strategic Alignment: API gateways facilitate business transformation by aligning with digital strategy goals, enhancing system agility and supporting ongoing modernization efforts.
API Lifecycle Management	Comprehensive API Lifecycle Management: They provide robust management of the API lifecycle, emphasizing the reuse of APIs and interfaces to optimize efficiency and support agile development practices.
Data Standardization	Enhanced System Compatibility and Data Accessibility. API gateways boost interoperability and standardize data access, enabling seamless communication and integration across varied systems.
API Infrastructure Modernization	Infrastructure Modernization and Flexibility: API gateways facilitate the shift from batch to real-time processes and encourage a layered, capability-driven architecture, reducing complexity and enhancing adaptability



DLA DAAS API Gateway Enterprise Environment

Why use an API Gateway?

API based data exchanges is required as per DODI 8320.07 dated December 5, 2017, which addresses the requirements for agencies to leverage APIs to conduct their business operations. Key policy statements include:

- Section 3(h) states "For existing systems, high value-data and content will be made available through web application programming interfaces (APIs) and apply metadata tagging, as appropriate."
- Section 3(h) also states "All new IT systems must be designed for openness, expose high-value data and content through implementation of neutral hosted services, and publish public data sets in the list at www.defense.gov/data".
- Section 7(b) states "Registries will be searchable, either automatically by applications via APIs or manually through user-friendly, web-based interfaces."





DLA DAAS API Gateway Enterprise Environment

DLA DAAS API Gateway Solution has been implemented using MuleSoft Private Cloud Edition (PCE). Currently running Anypoint 3.2.5 and will be transitioning to Anypoint 4.1.3 in FY2026. The API Gateway has been implemented in AWS IL-5 environment utilizing Multi-AZ architecture.

The MuleSoft Runtime engine, where each API is deployed is implemented on EKS clusters for better API management, scalability and resilience. API runtimes have two replicas running at any time. Enterprise API Gateway provides the central governance, security, metering and monitoring of all hosted APIs.

Enterprise API Gateway solution provides 3 separate environments hosted on the AWS2 IL5 GovCloud:

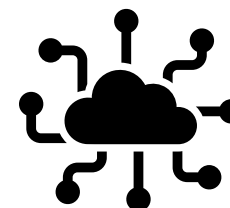
- Development
- Stage/Testing
- Production



DLA DAAS API Gateway Enterprise Environment

How do consumers connect to an API?

- API Consumers must have an **Interface Control Agreement (ICA)** with DAAS outlining the connection.
 - All APIs have authentication policy enforced requiring credentials to authenticate
 - Credentials will be managed/coordinated by the DAAS APIGW Platform team
 - APIGW team will coordinate the onboarding for all API consumers
- APIs runtimes can have both a Public Facing endpoint and/or a DoD only facing endpoint
 - `daas.api.gw.daas.dla.mil`
 - `daas.dod.api.gw.daas.dla.mil`
- API Led Architecture
 - 3 Layers (Experience, Process, System)
 - Proxy



DLA DAAS API Gateway Overview



July 2022

API Gateway platform live in production with first API deployed

- Built on the MuleSoft Anypoint software platform in the DAAS AWS Gov Cloud West Region

220+

Integrations

100+ APIs available for external consumers

- Implementing layered API architecture with Experience and Proxy APIs available for consumption

**40+ External
Systems**

Over 40 systems interfacing with API Gateway

- External systems include DLA, Navy, USAF, TRANSCOM, ADVANA, SAM.GOV, FedEx, and SBA



DLA DAAS API Gateway

Sampling of Existing and Upcoming APIs

- **Daily Sales Orders:** Provides Daily Sales data deltas for Enterprise Advanced Analytics (EA2) database.
- **DoDAAD API:** Query in real-time DoDAACs or download daily changes for local repositories.
- **Fund Code API:** Query in real-time Fund Codes or download full repositories.
- **Treasury G-Invoicing:** Proxy API for the Treasury G-Invoicing 7600EZ services.
- **Supply Discrepancy Report (SDR):** Track and manage SDR attachment documents.
- **ItemV9 API:** Query in real-time FLIS Item data from EA2 repository



DLA DAAS API Gateway Public Portal

- DLA API Public portal lists all available and published APIs.
- API Public Portal page can be accessed through CAC based authentication from any NIPR network source.
- To request access and consume any API, please reach out to DAAS team for an interface agreement.
- DAAS_APIGW@dla.mil
- API Gateway Public Portal

<https://console.api.gw.daas.dla.mil/exchange/portals/dla-api/>



Questions??

