



**DEFENSE LOGISTICS AGENCY  
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October 27, 2020

MEMORANDUM FOR THE RECORD

SUBJECT: Approved Defense Logistics Management Standards (DLMS) Change (ADC) 1380,  
DAAS Manual Biennial Administrative Update

The attached approved administrative change to DLM 4000.25, Defense Logistics Management Standards is effective immediately. This administrative change does not change or eliminate any existing procedures, or add any new procedures.

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THOMAS A. DELANEY  
Director, Enterprise Business Standards Office

Attachment

# ADC 1380

## DAAS Manual Biennial Administrative Update

### 1. ORIGINATING SERVICE/AGENCY AND POC INFORMATION:

a. **Technical POC:** Jerry Caudill (937-228-2667, [Jerry.Caudill.ctr@dla.mil](mailto:Jerry.Caudill.ctr@dla.mil)), Michael Scott (937-228-2667, [Michael.Scott.ctr@dla.mil](mailto:Michael.Scott.ctr@dla.mil))

b. **Functional POC:** Clarissa Elmore, Defense Automatic Addressing System (DAAS) (937-343-8438, [Clarissa.Elmore@dla.mil](mailto:Clarissa.Elmore@dla.mil))

### 2. FUNCTIONAL AREA LOGISTICS AND TRANSACTION CHANGES: Enterprise Data Solutions (EDS) Portfolio, DAAS

a. **Primary/Secondary Functional Area:** DLA Enterprise Data Solutions (EDS) Portfolio, Defense Automatic Addressing System (DAAS)

b. **Primary/Secondary Functional Process:** Update to DLM Publication DLM 4000.25-4 Defense Automatic Addressing System (DAAS) Manual

### 3. REFERENCE: DLM 4000.25-4, Defense Automatic Addressing System (DAAS)

### 4. APPROVED CHANGE(S):

a. **Brief Overview of Change:** Administrative changes to DLM Publication 4000.25-4, Defense Automatic Addressing System (DAAS) Manual. These are administrative updates to the publication only; this change contains no substantive changes to standards, business rules, or transaction processing.

b. **Background:** This is an administrative change to the transactions referenced in the DAAS Manual (see: 3. Reference). DAAS has been supporting non-logistics EDI-based transactions for the past 30 years. EDI is the exchange of routine business transactions from one computer system to another by standardized message formatting.

c. **Approved Change in Detail:** This Administrative change updates the following files in Defense Logistics Manual (DLM) 4000.25-4 Defense Automatic Addressing System (DAAS).

#### (1) Update Chapter 3 - Customer Procedures, to reflect new communication protocols used.

C3.3.2. (preceding text not shown) The DISN/Secure File Transfer Protocol (SFTP)/~~AS2/HTTPS/SMTP~~/IBM ~~Websphere~~ MQ provide long haul and area data communications and interconnectivity for DoD systems.

#### (2) Update Chapter 4 - DAAS Processing, to reflect new communication protocols used.

C4.2.5. (preceding text not shown) In addition, DAAS uses ~~AS2 Protocol~~, SMTP, and IBM ~~Websphere~~ MQ, a guaranteed delivery transport from an IBM ~~Websphere~~ MQ origin to an IBM ~~Websphere~~ MQ configured destination. This supports customer needs for guaranteed delivery,

while continuing to support existing data formats, such as Joint Army-/Navy-Air Force Publication (JANAP) messages and modified DDN file formats. DAAS electronic data interchange (EDI) applications also make use of IBM ~~WebSphere~~ MQ and Virtual Private Network (VPN) connections to transport information in the ANSI ASC X12 and XML formats.

**(3) Update Chapter 5 Communications, to reflect administrative changes.**

C5.4.1.3. Translation. After receiving a correct EDI envelope control structure, the GEX eBusiness Gateway will attempt to translate the EDI format. When the translation process identifies inconsistencies with agreed upon syntactical standards, the gateway will return to the sender a coded error acknowledgment transaction. (See *DAAS Manual* C5.4.2. regarding the DLMS 997 Functional Acknowledgment IC—DLM 4000.25, DLMS Volume 1, Appendix 1.)

(intervening text not shown)

C5.4.2. DLMS IC Implementation Convention 997, Functional Acknowledgment (*all subsequent references are such as “the 997 IC”*).

**(4) Update Appendix 1 – Defense Logistics Agency Transaction Services Profiles, to reflect new communication protocols used and IDE processing moved to DAAS.**

AP1.2.2.2.1. DAAS Single Gateway (DSG). *As an integral part of the overall SOMA System, the majority of the communication gateway components of DSG are deployed in the Demilitarized Zone (DMZ) while MQ and SMTP gateways are deployed in the BLZ (Business Logic Zone) servers* ~~software and hardware components of the DSG reside in the DAAS Demilitarized Zone (DMZ)~~ providing a *custom-developed, multi-tiered* secure front-end communications service for the DAAS; utilizing communication protocols, such as, SFTP, IBM MQ, *AS2*, HTTPS, SMTP, etc. Connections into the DSG are prevented from directly accessing the DAAS internal enclave *utilizing custom developed Proxy servers*. All *DSG* communication attempts, *addresses, interactions, and data exchanges* are authenticated and logged.

AP1.2.2.2.2. Service Oriented Messaging Architecture (SOMA). SOMA provides message validation, message transformation, back-end authentication, ~~and logging services,~~ *and transmission services. SOMA, as a primary routing services, processes DLSS, EDI, UDF formatted messages.* ~~primarily processes files and messages containing DLSS formatted transactions.~~ Messages may contain one or more transactions. SOMA receives and transmits files and messages *using wide array of transmission protocols including IBM WebSphere MQ, HTTPS, AS2, SMTP, and SFTP.* ~~Single messages are also transmitted and received using the IBM MQ transport. Messages with multiple transactions may be sent and received using SMTP.~~ SOMA performs a number of other functions, including:

(intervening text not shown)

AP1.5.1. General. DAAS, along with the DLA Logistics Information Service, have assumed responsibility for the sustainment of the DLA IDE. *DLA IDE function within*

*the DAAS environment is embedded within the SOMA/DSG operational parameters.*

(intervening text not shown)

AP1.5.3. Discussion: Per the DLA HQ IDE Transition Initiative, *DAAS has migrated and integrated all IDE interfaces from DISA into the existing DAAS architecture (SOMA/DSG). Since its completion,* the existing IDE mission, services, and interfaces *have been* incorporated and considered part of DAAS proper, at which time the IDE profile *has* ceased to exist and be considered a part of the standard DAAS business through the use of its various AIS applications, including but not limited to the DSG, SOMA, and GEX. Currently the entirety of the Non Secure Internet Protocol Router Network (NIPRNet) *and the Secure Internet Protocol Router Network (SIPRNet) portions of IDE environment have been transitioned into the DAAS infrastructure.* ~~The Secure Internet Protocol Router Network (SIPRNet) portion of IDE is slated to complete transition at the end of 2017.~~

**(5) Update Appendix 2 – International Logistics Communication System (ILCS) to reflect updated software communication systems and multi-tiered logistics routing system.**

AP2.2. SYSTEM DESCRIPTION

The ILCS is an internet PC *and UNIX* based software communications system...

(intervening text not shown)

AP2.2.1. SOMA. A highly reliable, high availability *multi-tiered logistics routing system utilizing Oracle* relational database environment that provides...

**d. Revisions to Defense Logistics Manuals:** Administrative changes to DLM Publication 4000.25-4 DAAS Manual

**e. Proposed Transaction Flow:** No Change

**5. REASON FOR CHANGE:** This is an administrative update to DLM 4000.25-4, DAAS to reflect changes resulting from the biennial review.

**6. ADVANTAGES AND DISADVANTAGES:**

**a. Advantages:** Updates documentation based on standard biennial review cycle.

**b. Disadvantages:** None

**7. ASSUMPTIONS USED OR WILL BE USED IN THE CHANGE OR NEW DEVELOPMENT:** None

**8. ESTIMATED TIME LINE/IMPLEMENTATION TARGET:** Upon publication of this ADC

**9. ESTIMATED SAVINGS/COST AVOIDANCE ASSOCIATED WITH IMPLEMENTATION OF THIS CHANGE:** None Identified.

**10. IMPACT:**

- a. **New/Changes to DLMS Data Elements:** None
- b. **Automated Information Systems (AIS):** None
- c. **Defense Automatic Addressing System (DAAS):** No impact—administrative updates to DLM 4000.25-4 DAAS Manual only
- d. **Non-DLM Publications:** No changes