



**DEPARTMENT OF THE ARMY**  
**OFFICE OF THE ASSISTANT SECRETARY OF THE ARMY**  
**ACQUISITION LOGISTICS AND TECHNOLOGY**  
**103 ARMY PENTAGON**  
**WASHINGTON DC 20310-0103**

25 OCT 2024

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**MEMORANDUM FOR SEE DISTRIBUTION**

**SUBJECT: Assistant Secretary of the Army (Acquisition, Logistics and Technology)  
Unified Data Reference Architecture Conformance Policy**

**1. References:**

- a. ASA(ALT) and Army CIO memorandum (Army Unified Data Reference Architecture (UDRA) v1.0)), 22 Mar 24.
- b. Decision-Driven Data Concept of Operations, Version 1.0, 6 Jul 23.
- c. Secretary of the Army memorandum (Army Directive 2024-02, Enabling Modern Software Development and Acquisition Practices), 11 Mar 24.
- d. Department of Defense Instruction 5000.02, (Operation of the Adaptive Acquisition System).
- e. Army Regulation 70-1, (Army Operation of the Adaptive Acquisition Framework).
- f. Department of the Army Pamphlet 70-3, (Army Acquisition Procedures).
- g. Army CIO memorandum (Army Enterprise Data Product Definition), 18 Jul 24.
- h. Army CIO memorandum, (Army Data Stewardship Roles and Responsibilities), 2 Apr 24.

**2. Purpose.** The purpose of this policy is to ensure that all Army acquisition programs with Information Technology (IT) conform with the UDRA to promote standardization, interoperability, and data-sharing across the Army (reference 1.a.).

**3. Background.** The Army recognizes the importance of data-centricity in generating operational advantage and making informed decisions as part of the decision-driven data end-state (reference 1.b.). Implementing the UDRA is a critical step to enable data-sharing and interoperability across all Army mission areas and buy down technical risk (reference 1.c.).

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4. **Applicability:** This policy applies to current and future programs with IT or IT-related components executing on the Software Acquisition Pathway, Urgent Capability Acquisition, Middle Tier of Acquisition, Major Capability Acquisition, and Defense Business Systems pathways (references 1.d., 1.e., 1.f.). UDRA is Modular Open Systems Approach (MOSA) for data and discovery for programs with IT (reference 1.e., Section 4.4.). Exceptions can be considered for systems scheduled for retirement within the Future Years Defense Program.

5. **Definitions:**

a. **UDRA:** A standardized, open data architecture that provides a common framework for managing and sharing data across the Army and with combined and joint mission partners. UDRA is based on a federated and decentralized approach to organize data by domain, and enable self-service, sharing of data products across the organization.

b. **Data Domain:** An organization having specific functional expertise which produces data products to share information with consumers and may consume data products produced by other data domains. Army implementation of a data domain is defined by Army governance. The designated Mission Area Data Officer identifies data domains within the mission area and assigns a Data Steward to provide governance and policy controls over that domain (reference 1.h.).

c. **Data Product:** A pre-packaged set of data and metadata produced to satisfy consumers' mission or business demand. Data products are designed to be high quality, easy to use, self-describing and computationally governed (reference 1.g.).

6. **Policy:**

a. Program Executive Offices (PEO) and Program Managers (PM) shall develop materiel solutions that conform to the UDRA to ensure Army systems can effectively exchange data products within data domains, Army organizations and combined/joint mission partners.

b. PEOs/PMs shall incorporate contract language, as part of new contract actions, requiring vendors to deliver digital capabilities that incorporate MOSA and conform with the UDRA.

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7. Roles and Responsibilities (references 1.g, 1.h.):

a. Within 90 days of the date of this memorandum, the Deputy Assistant Secretary of the Army (Data, Engineering and Software) (DASA(DES)):

(1) Provide and maintain UDRA documentation, implementation guidance and supporting materials to include:

(a) UDRA Digital Model for use as a reference architecture providing boundaries for the necessary trades and studies for acquisition designs.

(b) UDRA Implementation Guide for use as supplemental guidance for the development of UDRA data products, services, and computational governance.

(c) Sample UDRA Contract Language for use in contract actions, such as Request for Proposal (RFP).

(d) UDRA Conformance Checklist for use by PEOs/PMs for self-assessments and independent conformance assessments.

(e) UDRA training materials for staff enrichment.

(2) Develop UDRA metrics and performance indicators to monitor and assess the effectiveness and impact of UDRA on Army data-centric operations.

(3) Conduct reviews of UDRA conformance and provide feedback and recommendations to PEOs/PMs for improvement.

b. Within 90 days from the date of delivery of materials in paragraph 7.a(1), PEOs/PMs shall:

(1) Create a Plan of Action and Milestone for applicable existing Programs of Record (POR) to conform to UDRA (reference 1.a., Section 1.2.).

(2) Ensure emerging Army PORs and their systems conform to UDRA, where applicable, to maximize data sharing.

(3) Incorporate contract language, as part of new contract actions, requiring vendors to deliver digital capabilities that conform with the UDRA and requires a MOSA that leverages the UDRA. The UDRA Digital Model can be utilized for RFP contract actions to determine conformance of solutions proposed.

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8. Effective Date. This policy is effective immediately and stays in effect until superseded, rescinded, or incorporated into Army Regulation.

9. The points of contact for this action: Ms. Velissa Postadan,  
velissa.m.postadan.civ@army.mil; DASA(DES) Policy Inbox, dasades@army.mil.



Douglas R. Bush  
Assistant Secretary of the Army  
(Acquisition, Logistics, and Technology)

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