VOLUME 1, CHAPTER 10: "ADVANA – COMMON ENTERPRISE DATA REPOSITORY FOR THE DEPARTMENT OF DEFENSE"

SUMMARY OF MAJOR CHANGES

Changes are identified in this table and also denoted by blue font.

Substantive revisions are denoted by an asterisk (*) symbol preceding the section, paragraph, table, or figure that includes the revision.

Unless otherwise noted, chapters referenced are contained in this volume.

Hyperlinks are denoted by ***bold, italic, blue, and underlined font***.

The previous version dated November 2020 is archived.

PARAGRAPH	EXPLANATION OF CHANGE/REVISION	PURPOSE
All	Administrative updates in accordance with Department of Defense Financial Management Regulation Revision Standard Operating Procedures.	Revision
2.2	Additional clarifying language.	Revision

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CHAPTER 10

**ADVANA – COMMON ENTERPRISE DATA REPOSITORY FOR THE
DEPARTMENT OF DEFENSE**

1.0   GENERAL

1.1   Overview

Advana (derived from the term "Advancing Analytics") is a common enterprise data repository for the Department of Defense (DoD), required by the National Defense Authorization Act (NDAA) for Fiscal Year (FY) 2018. Advana is a centralized data and analytics platform that provides DoD users with common business data, decision support analytics, and data tools. It was developed by the Office of the Under Secretary of Defense (Comptroller) (OUSD(C)), through the Directorate for Enterprise Financial Transformation (EFT), and is now maintained by the Chief Digital and Artificial Intelligence Office. The Advana platform and program supports the National Defense Strategy by amassing data that is accessible, understandable, and usable across the Defense enterprise, and by advancing analytic capabilities to address the complex challenges of the Department.

1.2   Purpose

This chapter establishes Advana as an official DoD repository of common enterprise data and the roles and responsibilities of OUSD(C) and DoD Components in the development, maintenance, and use of Advana within the supported business domain areas. The use of Advana will ensure that any performance measure or data product that relies on DoD data originates from an authoritative source of transaction-level detail.

1.3   Authoritative Guidance

The policy and related requirements prescribed by this chapter are in accordance with the applicable provisions of:

1.3.1. Title 10, United States Code, sections 135 and 2222 as amended by the NDAA for FY 2018 (sections 911 – 913).

1.3.2. Public Law 113-101, Digital Accountability and Transparency Act of 2014.

1.3.3. Statement of Federal Financial Accounting Standards 4, "Managerial Cost Accounting Standards and Concepts."

1.3.4. DoD National Defense Strategy, issued by the Secretary of Defense.

1.3.5. DoD Annual Performance Plan, issued by the Director of Administration and Management.

1.3.6. OUSD(C), Financial Management Strategy.

1.3.7. Acting Assistant Deputy Chief Financial Officer (DCFO) memorandum (December 2020), "Advancing Analytics (Advana) Financial Reconciliations for the Fourth Estate."

2.0   ROLES AND RESPONSIBILITIES

2.1   OUSD(C) Responsibilities

The Department's vision of "Financial Management (FM) Analytics" outlines the expectations of tomorrow's financial management professionals, leveraging the foundation of auditable data to drive more meaningful, data-informed decisions of the future. Using Advana as an enabler and accelerator for FM Analytics, OUSD(C) will:

2.1.1. Leverage data as a strategic asset, connecting it with advancing technology to continuously advance analytic capabilities across the Department. Any data contained in a Defense business system related to business operations and management is an asset of the Department, and a strategy must be developed for making the data discoverable in Advana.

2.1.2. Maintain alignment of Advana capabilities and products with the functional requirements of its customers by communicating and validating regularly with the user community as continuous development occurs, partnering with the appropriate officials to establish enterprise standards.

2.1.3. Acquire, incorporate, and standardize data to support the business domain areas that align with the organizational structure of the Department and the responsibilities of DoD Components.

2.1.4. Manage data sharing agreements with system owners to ensure data is timely and accurate. Extract data from the relevant systems to facilitate DoD-wide analysis and management of business operations, and execute controls over data management.

2.1.5. Provide reasonable assurance to data consumers that data controls are clearly defined and executed in accordance with control objectives.

2.1.6. Maintain regulated security over the system and its data and ensure compliance with user access security requirements and DoD continuity of operations policy and planning.

2.1.7. Ensure sensitive activity data is secure and comply with DoD security classification guidance.

*2.2   DoD Component Responsibilities

DoD Components (i.e., the Office of the Secretary of Defense, the Military Departments, the Office of the Chairman of the Joint Chiefs of Staff and the Joint Staff, the Combatant Commands, the Defense Agencies and DoD Field Activities, and all other organizational entities within DoD with the exception of the DoD Office of Inspector General) must:

2.2.1. Provide authoritative source-level transactional data to Advana from all DoD business systems daily, using the most cost effective and secure methods available. The authoritative source-level transactional data must be obtained and imported by Advana from the business system in which the data originated (i.e., not a separate data warehouse or data lake but the system that originated the transaction). Where a strategy does not exist to provide such data, one must be developed in partnership with OUSD(C) EFT.

2.2.2. Sign agreements that govern accurate and timely transmission of data. DoD Components are responsible for defining business rules that map source data elements to the Advana common data model. The Advana common data model includes but is not limited to the Standard Financial Information Structure, Procurement Data Standard, and subsequent domain-specific data models under development.

2.2.3. Use Advana for delivery of their Universe of Transactions to any entity that issues an audit request, data call request, or other bona fide requirement for reconciled transaction details.

2.2.4. Use the Advana Feeder to General Ledger Reconciliations Audit Workbooks – Monthly reconciliations between disbursing, obligation, funding, and entitlement financial management systems to general ledger accounting systems.

2.2.5. Use the General Ledger to Unadjusted Trial Balance Reconciliations Audit Workbooks – Quarterly reconciliations between general ledger accounting systems and their unadjusted trial balance.

2.2.6. Use the Unadjusted Trial Balance to Adjusted Trial Balance Reconciliations Audit Workbooks – Quarterly reconciliations between the unadjusted trial balance and the adjusted trial balance within the Defense Departmental Reporting System.

2.2.7. Use Advana to reconcile Fund Balance with Treasury and retire all legacy micro-applications no later than December 2024.

2.2.8. Use the Advana Dormant Account Review – Quarterly tool to conduct all DoD dormant account reviews unless otherwise approved by OUSD(C) EFT and DCFO.

2.2.9. Provide functional assistance to the Advana program, when necessary, to reconcile DoD Components' general ledger data to outputs from the Defense Departmental Reporting System and other required data reconciliations.

3.0   BUSINESS DOMAIN AREAS

A business domain represents a line of business for DoD and its corresponding business events. Advana will acquire, incorporate, and standardize data to support the various business domain areas across the Department including, but not limited to:

3.0.1. Acquisition Analytics