



# PEO Aviation MOSA Policy Skinny

PEO Aviation MOSA Transformation Office

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# Outline



In May of 2021, PEO Aviation released policy on implementing a Modular Open System Approach (MOSA) for all programs and the acquisition of products. The policy is separated into six parts and intended to provide internal direction to Army Aviation Project Offices and PEO staff. This Skinny provides an overview of the policy.

The PEO Aviation MOSA Policy applies to all elements of Program Executive Office (PEO) Aviation, including:

- Assistant PEOs (APEO) and other Staff
- Project Managers (PM)
- Organizations supporting PEO Aviation products and services

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# Authority and Governance



- PEO Aviation established the MOSA Transformation Office (TO) specifically for the integration of holistic MOSA practices.
- Each PM designated a MOSA PM representative responsible for coordination and communication between the PM and MOSA TO.
- **External Communication:** In addition internal collaboration, MOSA TO and PEO's Strategic Initiatives Group (SIG) are responsible for the identification, collaboration, and messaging associated with external stakeholder coordination.
- **Framework and Reference Architecture:** To coordinate and align internally, the MOSA TO is leading development of an enterprise-level Reference Architecture (RA) and the supporting documentation, including an Enterprise Architecture Framework (EAF), Reference Architecture Description Document (RADD), and Implementation Guide. Today, these documents represent a first draft of the guidance from PEO Aviation on implementing PEO Aviation's MOSA objectives and the requirements against which PMs will be held accountable.
  - Initial product focus on definition and prioritization of Major System Components (MSC) and the application of standards to product and model development.
  - Standards include, but are not limited to, Future Airborne Capability Environment (FACE) Technical Standard and Hardware Open Systems Technologies (HOST).



# Technical Strategies



## • Software Strategy

- PEO Aviation is developing an approach to software acquisition based on the DoDI 5000.87 Software Acquisition Pathway.
- PMs will be required to describe how their software acquisition plans align with the PEO approach, including software reuse intent, contract changes, intellectual property.

## • Collaborative Digital Environment (CDE)

- PEO Aviation's MOSA team, in coordination with APEO Systems Engineering, is establishing MOSA requirements for CDE, including tools, processes, training, and repositories for a PEO Aviation standard.
- Specific tools are designated in the policy for PEO directed digital products.

## • Science and Technology (S&T) Agreements

- PEO Aviation's MOSA team, in coordination with APEO Futures, is ensuring all transition agreements align with MOSA requirements, objectives, and products.





# Business Strategies and Conformance



## • Business Case Analyses (BCA)

- PEO Aviation provided BCA templates and guidance to the PMs to support the overarching business case for approaching MOSA objectives.
- PMs are responsible for aligning product investments with MOSA priorities.
- BCAs and investment strategies are approved at the enterprise level.

## • Resourcing

- MOSA objectives and priorities drive investment strategies across the enterprise. MOSA representation is involved in the planning and approving of those strategies to ensure MOSA objectives are being met.
- MOSA representation is required in regular PM battle rhythm and business practices, including: Functional Requirements Authentication Boards (FRAB), Program Objective Memorandum (POM) and Strategic Portfolio Analysis Review (SPAR) planning, and reallocation of resources will occur to align with MOSA requirements and objectives.

## • Conformance and Guidance

- Future guidance and policy will focus on conformance metrics, criteria, and evaluation procedures.
- Until metrics and processes are standard practice, PMs are provided guidance and expected to represent MOSA objectives in standard business and technical reviews.