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CPE-A (Air Maneuver) Enterprise MOSA & Digital Engineering Update

ACPE (E&A)

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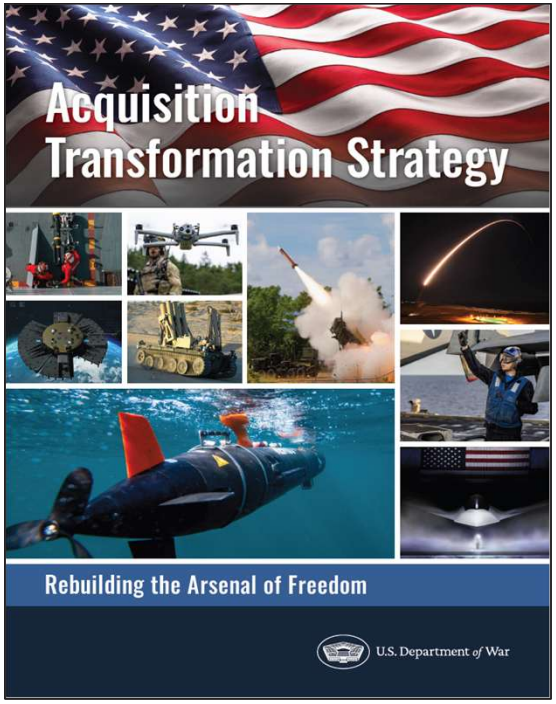
Acquisition Transformation Strategy - Rebuilding the Arsenal of Freedom



- The Army is ***fundamentally restructuring its acquisition process*** to prioritize speed and efficiency over traditional approaches utilizing existing authorities.
- These efforts were initiated by:
  - Presidential E.O. 14265 Modernizing Defense Acquisitions and Spurring Innovation in the Defense Industrial Base
  - Secretary of the Army Memo Delivering Capabilities Faster to the Warfighter
  - Congress-proposed HASC SPEED Act and SASC FORGED Act
- These reforms will deliver tangible benefits by ***accelerating capability delivery*** to Soldiers with problem-focused requirements, smarter contracts, informed risks, faster pivots.
- Parallel Execution with work processes in tandem not in sequence to ***rapidly field mission-critical capabilities***

- **Core mission remains the same:** ***Design, develop, deliver, and support the very best aviation capabilities in the world to our Warfighters, the Joint force, and our partners and allies.*** **But we must accelerate the pace.**

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Enterprise MOSA and Open Systems

- **Enterprise Architecture defines minimum system boundaries, interfaces, and standards**
  - Provides basis for model-based open systems approach, consistency, & standardization
  - Enables Freedom of Action: Army's ability to adapt, replace, or upgrade system capability independent of the OEM/supplier
  - Supports COTS integration through adaptation when integration guidance is limited
  - Available through participation in the Architecture Collaboration Working Group (ACWG)

- **COTS does not eliminate need to implement MOSA**
  - Use of COTS requires flexibility and adaptation to achieve interoperability

- **We need industry to:**
  - deliver highly configurable, standards-based solutions
  - implement capability-appropriate interfaces defined in the EA
  - anticipate data rights for interfaces, and technical data supporting Freedom of Action
  - Provide evidence of OEM/supplier independent integration -> Open Systems Verification

Maximize MOSA: Interfaces. Data Rights. Competition. OEM independence

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Digital Engineering in the Enterprise

- **Digital Engineering enables faster, data-driven PM decisions**
  - Trusted information reduces delays and accelerates delivery
  - Collaboration aligns solutions to real acquisition needs
- **Acquisition success depends on speed**
  - DE delivers actionable data in near real time
  - Enterprise engagement keeps efforts focused on reducing delays
- **Early risk identification is critical to program success**
  - DE connects fragmented data into a unified view
  - Industry and academia partnerships strengthen workflows
- **MBSE provides discipline, structure, and traceability**
  - Foundational element of Digital Engineering
  - Training and guidance accelerate enterprise adoption

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An Ecosystem, Not a Single Tool

- **Government is building an open, interoperable DE ecosystem**
  - Supports real acquisition workflows
  - Customer-focused approach ensures adaptability
- **Siloed data slows delivery to the warfighter**
  - Clean, traceable, authoritative data enables speed
  - Aligned data standards accelerate integration
- **Modeling tools provide insight, not system authority**
  - DE succeeds when tools connect to requirements and configuration systems
  - Ongoing collaboration improves integration and delivery speed

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QUESTIONS

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BACK UPS

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