PAX River NAS
Adaptive Acquisition Framework Education Session

April 28, 2020

"MULTIPLE PATHWAYS FOR TAILORED SOLUTIONS"

Agenda

- Welcome & Purpose

- Mr. David Cadman, Acting DASD, Acquisition Enablers
  - Strategy
  - Tenets
  - Policy
  - Adaptive Acquisition Framework

A&S Strategic Framework

OUSD(A&S) Mission

Enable the Delivery and Sustainment of Secure and Resilient Capabilities to the Warfighter and International Partners Quickly and Cost Effectively

Recruit, Develop, and Retain a Diverse Acquisition & Sustainment Workforce

| Enable Innovative Acquisition Approaches that Deliver Warfighting Capability at the Speed of Relevance | Build a Safe, Secure, and Resilient Defense Industrial Base (Commercial and Organic) | Ensure Safe and Resilient DoD Installations | Increase Weapon System Mission Capability While Reducing Operating Cost |

Promote Acquisition & Sustainment Initiatives with Key International Partners

A&S Tenets	Speed	Data Driven	Enable Service Success	Share Best Practices	Competitive Advantage Overmatch	Ability to Scale & Tailor When Needed	Cyber Resiliency	Trust

Adaptive Acquisition Framework (AAF)

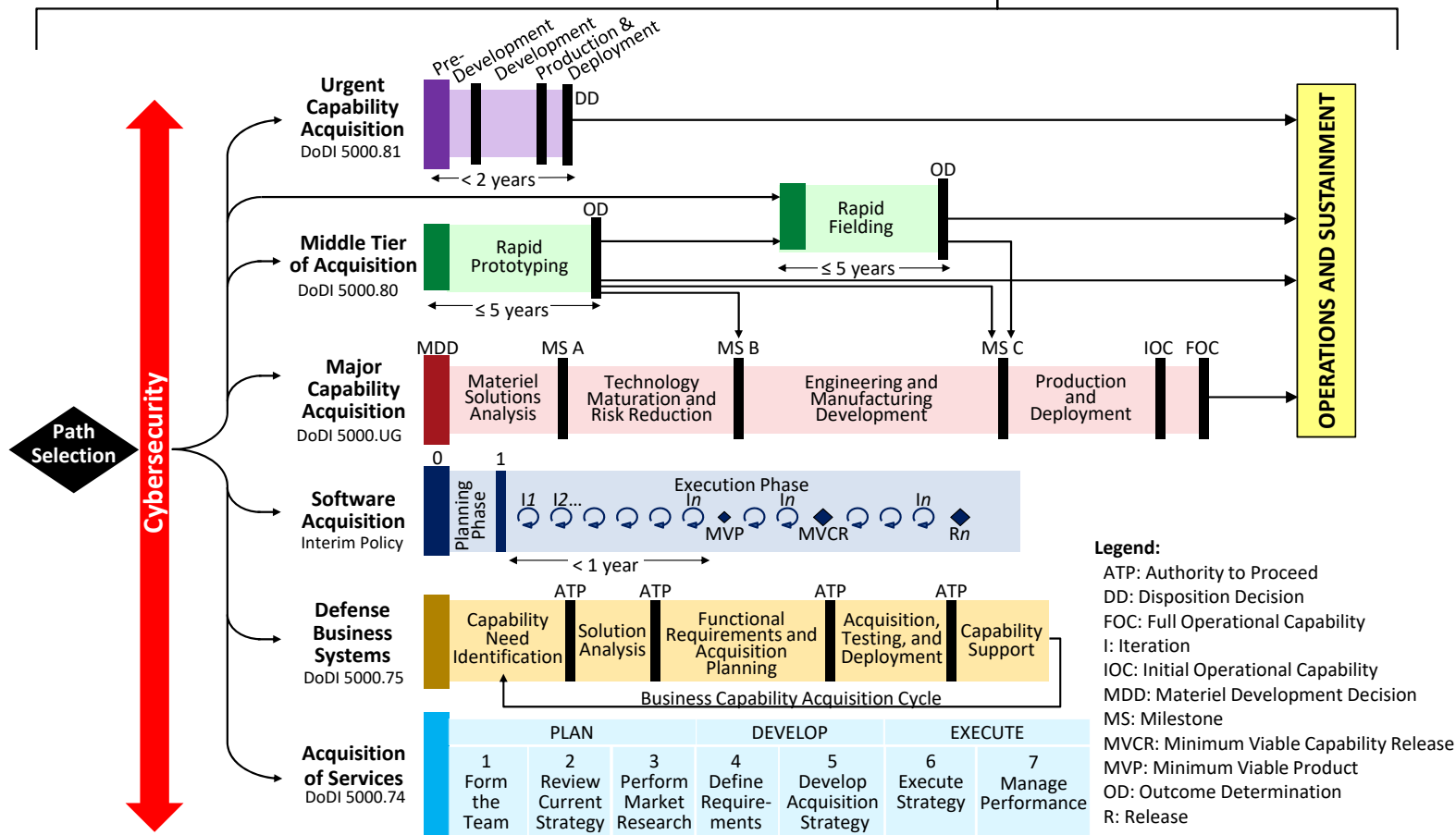## Tailor, combine, and transition between pathways to create your program strategy

Tenets of the Defense Acquisition System:

1. Simplify Acquisition Policy
2. Tailor Acquisition Approaches
3. Empower Program Managers
4. Conduct Data Driven Analysis
5. Actively Manage Risk
6. Emphasize Sustainment

DoDD 5000.01: *The Defense Acquisition System*
DoDI 5000.02: *Operation of the Adaptive Acquisition Framework*

Path Selection

Cybersecurity

Urgent Capability Acquisition
DoDI 5000.81

- Pre-Development
- Development
- Production & Deployment
- DD
- < 2 years

Middle Tier of Acquisition
DoDI 5000.80

- Rapid Prototyping — OD — ≤ 5 years
- Rapid Fielding — OD — ≤ 5 years

Major Capability Acquisition
DoDI 5000.UG

- MDD
- MS A — Materiel Solutions Analysis
- Technology Maturation and Risk Reduction
- MS B — Engineering and Manufacturing Development
- MS C — Production and Deployment
- IOC   FOC

Software Acquisition
Interim Policy

- 0   1
- Planning Phase
- Execution Phase
- I1 I2... In ... In ... In
- MVP   MVCR   Rn
- < 1 year

Defense Business Systems
DoDI 5000.75

- Capability Need Identification — ATP
- Solution Analysis — ATP
- Functional Requirements and Acquisition Planning — ATP
- Acquisition, Testing, and Deployment — ATP
- Capability Support
- Business Capability Acquisition Cycle

Acquisition of Services
DoDI 5000.74

PLAN			DEVELOP		EXECUTE	
1 Form the Team	2 Review Current Strategy	3 Perform Market Research	4 Define Require-ments	5 Develop Acquisition Strategy	6 Execute Strategy	7 Manage Performance

OPERATIONS AND SUSTAINMENT

Legend:
ATP: Authority to Proceed
DD: Disposition Decision
FOC: Full Operational Capability
I: Iteration
IOC: Initial Operational Capability
MDD: Materiel Development Decision
MS: Milestone
MVCR: Minimum Viable Capability Release
MVP: Minimum Viable Product
OD: Outcome Determination
R: Release

January 2020

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Tenets of the Defense Acquisition System

The revised DoD 5000 Series Acquisition Policy enables innovative acquisition approaches that deliver warfighting capability at the speed of relevance.

Multiple pathways facilitate the flexibility and efficiency needed to capitalize on advanced acquisition methods and improve DoD's ability to benefit from commercial modernization.

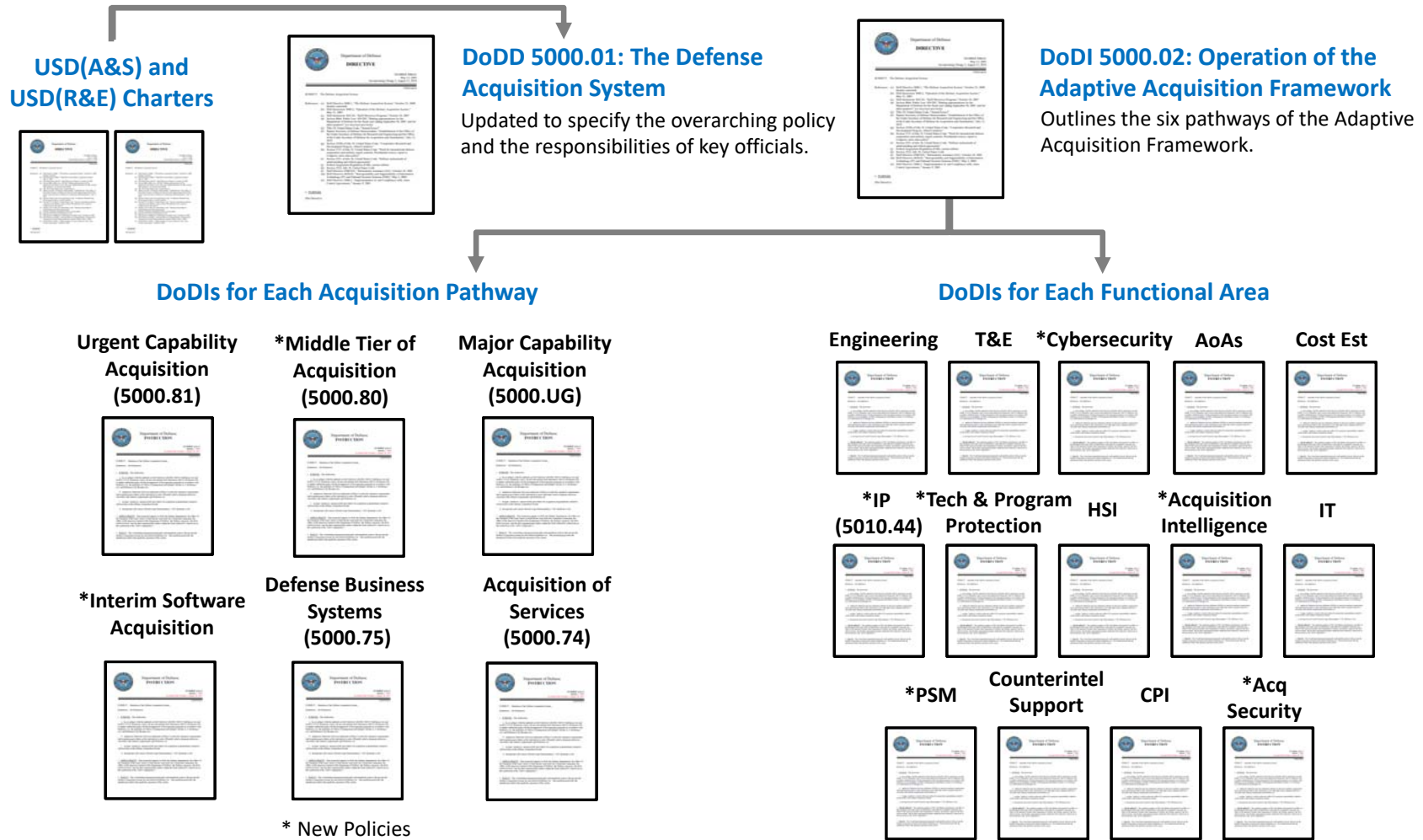| Simplify Acquisition Policy	Tailor Acquisition Approaches	Empower Program Managers	Conduct Data Driven Analysis	Actively Manage Risk	Emphasize Sustainment

Transforming Acquisition Policy

USD(A&S) and USD(R&E) Charters

DoDD 5000.01: The Defense Acquisition System
Updated to specify the overarching policy and the responsibilities of key officials.

DoDI 5000.02: Operation of the Adaptive Acquisition Framework
Outlines the six pathways of the Adaptive Acquisition Framework.

DoDIs for Each Acquisition Pathway

Urgent Capability Acquisition (5000.81)

***Middle Tier of Acquisition (5000.80)**

Major Capability Acquisition (5000.UG)

***Interim Software Acquisition**

Defense Business Systems (5000.75)

Acquisition of Services (5000.74)

* New Policies

DoDIs for Each Functional Area

Engineering **T&E** ***Cybersecurity** **AoAs** **Cost Est**

***IP (5010.44)** ***Tech & Program Protection** **HSI** ***Acquisition Intelligence** **IT**

***PSM** **Counterintel Support** **CPI** ***Acq Security**

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Communications Goals

As *champions* of this transformational effort,
YOUR support is vital to the DoD Acquisition Community.

We need your help to…

- **Actively embrace** and promote the **tailored-in philosophy**.

- **Share momentum** generated from each individual policy release.

- **Highlight** the importance of AAF **implementation & ownership** on your teams and with colleagues.

- **Access** available training, career development opportunities, and resources including

    AE site: www.acq.osd.mil/ae & DAU site: www.dau.edu/aaf/

- Provide and **request feedback** and **lessons learned** while using AAF.

- **Share powerful examples** of AAF successes.

Adaptive Acquisition Framework Website
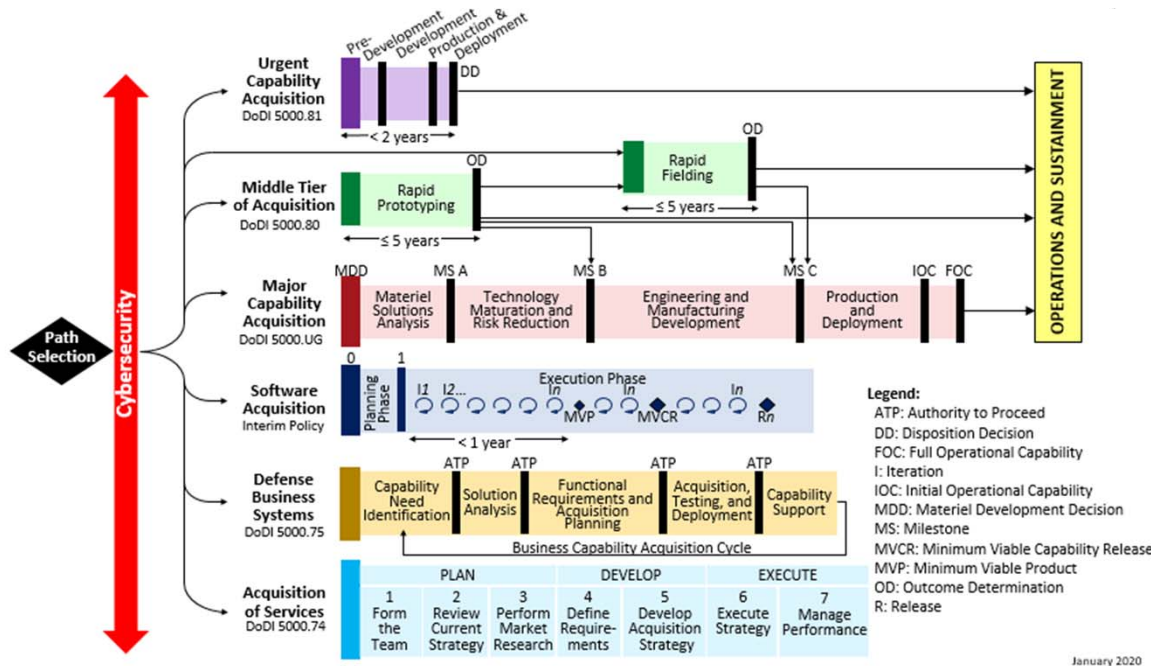
Integrates all the new policies, guides, and resources online for the acquisition workforce

WHAT is required

HOW to do each activity

Navigate the pathways with greater speed and success!

https://www.dau.edu/aaf/

Pathway: Urgent Capability Acquisition

Purpose
To field capabilities to fulfill urgent operational needs or other quick reaction capabilities in less than 2 years.

Characteristics
- UONs and other QRCs are identified and approved for resolution by designated authorities.
- The estimated cost must not exceed $525 million in research, development, and test and evaluation, or $3.065 billion procurement in Fiscal Year 2020 constant dollars.
- The acquisition processes, reviews, and documents are aggressively streamlined due to operational urgency.
- The goal is to plan for the capability in a few weeks with development and production measured in months.
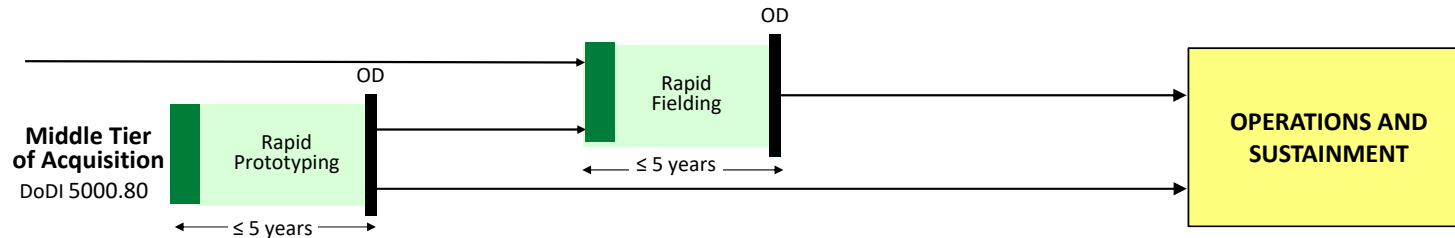
Purpose

To rapidly develop fieldable prototypes to demonstrate new capabilities and/or rapidly field production quantities of systems with proven technologies that require minimal development.

Characteristics

Rapid Prototyping

- Field a prototype that can be demonstrated in an operational environment
- Provide for residual operational capability within 5 years of an approved requirement

Rapid Fielding

- Begin production within 6 months
- Complete fielding within 5 years of an approved requirement

Pathway: Major Capability Acquisition

Purpose

To acquire and modernize military unique programs that provide enduring capability. This pathway is intended for large scale, traditional hardware acquisitions.

Characteristics

- Typically follows a structured analysis, design, develop, integrate, test, and produce and support approach

- Acquisition and product support processes, reviews, and documentation will be tailored based on the program size, complexity, risk, urgency, and other factors

- Software intensive components may be acquired via the software acquisition pathway, with the outputs and dependencies integrated with the overall major capability pathway

Pathway: Software Acquisition
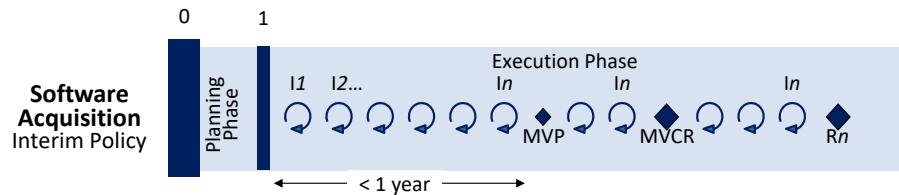
Purpose
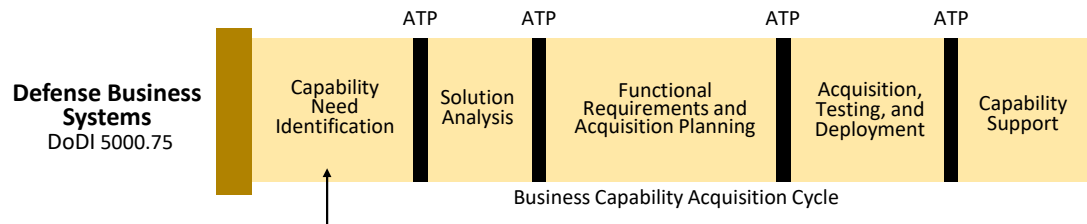To facilitate rapid and iterative delivery of software capability to the user.

Characteristics
- Integrates modern iterative software development practices such as Agile or Lean Software Development Methods, and DevSecOps.

- Tightly coupled, mission-focused government-industry software teams leverage automated tools for development, integration, testing, and delivery to iteratively deploy software capabilities to the operational environment.
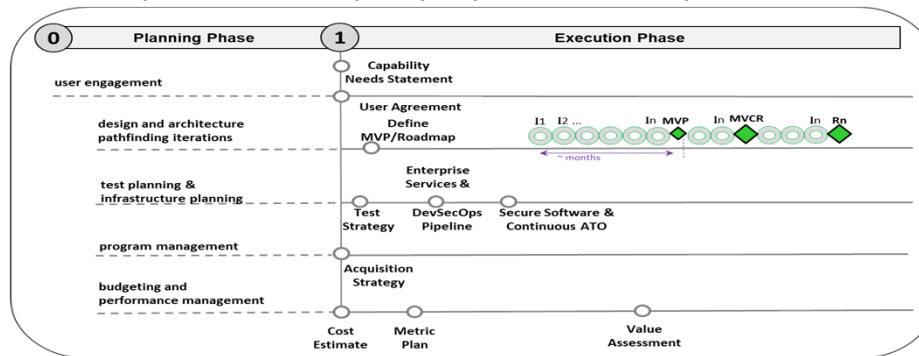
Pathway: Defense Business Systems

Defense Business Systems DoDI 5000.75

ATP — ATP — ATP — ATP

Capability Need Identification | Solution Analysis | Functional Requirements and Acquisition Planning | Acquisition, Testing, and Deployment | Capability Support

Business Capability Acquisition Cycle

Purpose

To acquire information systems that support DoD business operations, or non-developmental, software intensive programs that are not business systems.

Characteristics

- Assesses the business environment and identifies existing commercial or government solutions that could be adopted to satisfy DoD needs.

- DoD reviews and revises its business processes to align more closely with commercial or government IT best practices.

- Customization of a selected information technology (IT) solution is minimal.

- DoD reduces risk and maximizes benefits by using off-the-shelf software that has been successfully demonstrated in the commercial marketplace.

Pathway: Acquisition of Services

	PLAN			DEVELOP		EXECUTE	
Acquisition of Services DoDI 5000.74	1 Form the Team	2 Review Current Strategy	3 Perform Market Research	4 Define Require-ments	5 Develop Acquisition Strategy	6 Execute Strategy	7 Manage Performance

Purpose

To acquire services from the private sector to include knowledge-based, construction, electronics and communications, equipment, facilities, logistics, medical, research and development, and transportation.

Characteristics

- Identify the required services, research the potential contractors, contract for the services, and manage performance.

- The pathway employs a seven-step process that is broken down into three phases: planning, developing, and executing

- Seven steps should be used to the maximum extent possible to ensure the use of proven, repeatable processes and procedures contributing to successful services acquisitions.

Training & Learning Asset Opportunities

Educate acquisition workforce on AAF/new policies/tools:

- Mandatory DAU faculty training
- Introduce in-classroom training
  - Consists of a brief awareness overview to students
  - Incorporate in discussions
- Workshops
  - Middle Tier of Acquisition
  - Software Acquisition Pathway (development needed)

- Targeted external speaking opportunities
- Classroom engagements
  - In-depth (1.5-2 hour) conversations at 300/400 level classes
  - AAF policy updates into curriculum
- Ongoing Rapid Deployment Training

Grandfathering

How will the new AAF policies be applied?

- Unless otherwise determined by the decision authority, new or revised policy will apply to all programs initiated after the date the policy is issued.

- Decision authorities will review programs already in progress to determine the earliest decision event by which the policies will be implemented. Policy implementing statute will be implemented as directed by law.

- Critical regulatory policies, such as those related to Cybersecurity, will receive special attention and be implemented at the earliest possible date.

Q&A with Mr. David Cadman