Enterprise Information Environment Mission Area (EIEMA)

NDIA Net-Centric Operations, Interoperability, and Systems Integration Conference Panel

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Power to the Edge
Why EIEMA?

- One of four top-level IT portfolios outlined by the Deputy Secretary of Defense in his March 2004 policy guidance for IT management by portfolio.
  - EIEMA lead assigned to ASD (NII)/DoD CIO as the DoD CIO.
- 20-years of gradual movement toward managing IT by portfolio:
  - Evolution of role of CIOs in private sector,
  - Capital Investment and Planning and Corporate Information Management initiatives,
  - Clinger Cohen Act and OMB federal oversight of IT,
  - Formalization of CIO functions in DoD, establishment of BMMP.
- Current and pending policy guidance:
  - DoD CIO Memo of 14 July 2004 established EIEMA Domains and Owners
  - DODD 8115 (IT Portfolio Management) and associated Instruction – in draft/coordination stage
Objectives of Pending PfM Policy

- **IT investments** shall be managed as portfolios to maximize return to the Enterprise.

- Portfolios exist at **multiple levels**. The Enterprise is divided into Mission Area portfolios, which are defined as Warfighting, Business, DoD Portion of NIP, and EIE.

- A **Cross-Mission Area governance forum** to be established to oversee management of the Enterprise portfolio

- Each portfolio to be managed **using the GIG Integrated Architecture**, integrated plans, risk management techniques, capability goals and objectives, and performance measures.

- Portfolio management processes shall be **incorporated and integrated with each of the Department’s principal decision support systems**: Capability Needs (JCIDS), Acquisition, PPBE.
EIEMA Scope

- The EIEMA portfolio comprises the foundational IT capabilities that support and enable the other DoD IT Mission Areas and network-centric operations.
- Four inter-dependent Domains (sub-portfolios):
  - Communications
  - Computing Infrastructure
  - Core Enterprise Services
  - Information Assurance

Challenge: Define the Domain-level trade spaces, but keep boundaries “porous”

- Business Mission Area
- Warfighting Mission Area
- Enterprise Information Environment Mission Area
- Governance
- Information Assurance
  - Director, Information Assurance
- Communications
  - Director, Wireless & Communications Policy
- Computing Infrastructure
  - Director, Architecture and Interoperability
- Core Enterprise Services
  - Director, Information Management
- Cross-Cutting & Inter-Dependent Domains

ASD(NII)/CIO leads
EIEMA Value Proposition

- Champion and serve as a focused advocate – with a portfolio-wide perspective – for the synchronization, convergence, and net-centricity of the Department’s EIE capabilities.

- At the DoD level, champion a process transition from a program-by-program focus to an end-to-end portfolio focus.
  - Exploit portfolio-wide focus to reduce IT implementation cycle

- Leverage the nexus of the two policy thrusts:
  - Transformation (to a net-centric environment and network-centric operations and warfare)
  - IT management by portfolio

EIEMA is in its infancy as an IT Portfolio.
The process changes and benefits of IT PfM will require time to manifest.

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EIEMA Panel Introduction

- Danny Price, Communications Domain: Net-Centric Operating Environment (NCOE) – a first attempt to practice IT portfolio management for a cross-Domain sub-portfolio of EIEMA
- Maria Samuda, Computing Infrastructure Domain: CID goals and status -- challenges of starting an IT portfolio from scratch.
- Terry Hagle, Architecture and Interoperability Directorate, DCIO: How does an IT portfolio use the GIG Integrated Architecture in its PfM process?
- Tim Bass, SilkRoad: The Yin and Yang of IT PfM: net-centricity vs capital planning and investment control.

Disclaimer: Panelists are giving individual insights and views -- our purpose is not to articulate official DoD positions.