Enterprise Information Environment Mission Area (EIEMA)

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

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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

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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.
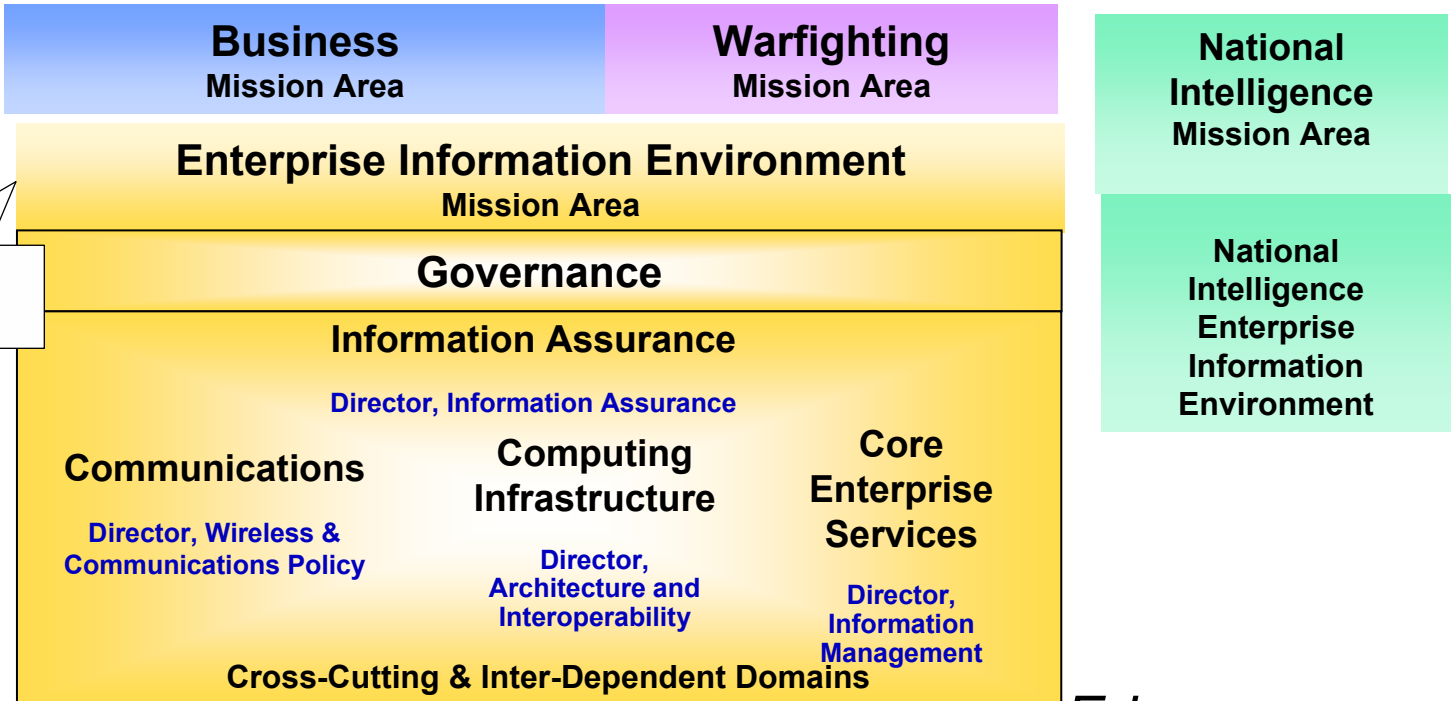
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EIEMA Scope

- 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

National Intelligence Mission Area

Enterprise Information Environment
Mission Area

ASD(NII)/CIO leads

Governance

Information Assurance

Director, Information Assurance

National Intelligence Enterprise Information Environment

Communications

Director, Wireless & Communications Policy

Computing Infrastructure

Director, Architecture and Interoperability

Core Enterprise Services

Director, Information Management

Cross-Cutting & Inter-Dependent Domains

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4

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.

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