Joint Command and Control Capability Portfolio Management (JC2 CPM)

Transforming the Force to Efficiently and Effectively Execute Precision Engagement
to

Precision Strike Association Summer Forum

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Transforming a Joint Force?

This is how DoD fights

Deconflicted

Coordinated

Integrated

Interdependent

This is how DoD provides Capability
JC2 Development Challenges

- No designated, empowered Joint Advocate for joint capabilities
- We organize, train and equip C2 at the Service level but fight at joint level
- Lack of prioritization and balance across entire Joint Capability Area
- Unable to view JC2 across entire portfolio of contributing investments
The Department’s Solution

• Capability Portfolio Management
  – Capability-based planning and management efforts to enable strategic choice and make capability tradeoffs
  – Integrate requirements/capabilities, acquisition and programmatic

• Four capability areas selected as test cases
  – Joint Command & Control (JC2)…Commander USJFCOM
  – Joint Net-Centric Operations (JNO)
  – Battlespace Awareness (BA)
  – Joint Logistics (JL)

DSD Memo (14 Sep 06) designated Commander USJFCOM as JC2 Capability Portfolio Manager (JC2 CPM)
MISSION: Establish capability portfolio management, responding to Department leadership, that delivers integrated joint C2 capabilities, improves interoperability, identifies and captures efficiencies, reduces capability redundancies and gaps, and increases joint operational effectiveness.

**CPM Objectives**

- Advocate Warfighter operational requirements
- Provide authoritative Joint C2 direction:
  - Common data lexicon and strategy
  - Defined joint architectures
  - Interoperability standards
- Promote teamwork - leverage C/S/A expertise and insight
- Promote cross-program, enterprise-wide analysis for Joint C2
- Establish and use a persistent test and evaluation environment
- Identify issues, frame choices, and sustain “creative tension” to inform senior leader decisions
Joint Capability Development Goal

Moving from …

**System-based**

B-1B

F-117A

F-16

**to**

**Capability-based**

F/A-18

22 Joint Warfighting Capability Areas
Duality of Portfolio Management

• Establishment of the Vision of Future Capability
  – Born Joint
  – Net Enabled Command Capability (NECC)
  – DoD C2 Roadmap, JBMC2 Roadmap, C2 Migration Plan
  – Architectures, Data Strategy, Standards

• Migration of Legacy Programs
  – POM Guidance
  – Focus Integration Team (FIT)

CPM Process must address both
Digital JCAS Interoperability – Today
Dismounted JTAC

Hard to Upgrade OFP

Over Grossed Platform

Limited Hard points

5 Kts Max Airspeed
But All terrain
Dismounted Observer/Controller with JETS sends digital targeting data thru the GIG to fires component applications. Appropriate effects (Naval Surface Fires, Fire Support Systems, Rotary Wing Aviation, Fixed Wing strike aircraft or other Joint Fires) are assigned to engage the target set.
Focus Integration Team

• Establish partnership with C/S/A SMEs

• Leverage existing capability analysis
  – Focus on gaps, efficiencies, redundancies

• Produce POM / APOM recommendations to achieve enhancements

• Assess Service / Agency POMs for guidance compliance
  – Develop input to consolidated JC2 CPM Issue Paper as required
APOM 09 FIT Cells

- JTF Headquarters
- Deployable C2
- Integrated Fires/Blue Force Tracker
- Common Operational Picture
- Adaptive Planning
- Force Readiness
- Collaborative Information Environment
- Joint Execution Mission Management
- Common Tactical Picture
- Cross Domain Solutions
- Machine Foreign Language Translation
- NECC Migration Strategy
- Effects Based Approach to Operations

All stakeholders partnered and leveraged
Way Ahead

JC2 Capability Portfolio Manager will:

- Ensure COCOM Warfighting perspective is represented
- Institutionalize C/S/A teaming for Joint Solutions
- Work within priorities across capability portfolio
- Seek optimum C2 capability decisions across C/S/A C2 capability domain

Requirement Driven / Capability Based / Fiscally Informed and Warfighter Supportive
Questions