



# United States Joint Forces Command “Comprehensive Approach” Community of Interest

## **Distribution Statement A**

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20 May 2008

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Joint Concept Development and Experimentation

U.S. Joint Forces Command

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## Report Documentation Page

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# Joint Forces Command Mission

The United States Joint Forces Command provides mission ready Joint Capable forces and supports the development and integration of Joint, Interagency, and Multinational capabilities to meet the present and future operational needs of the Joint Force.

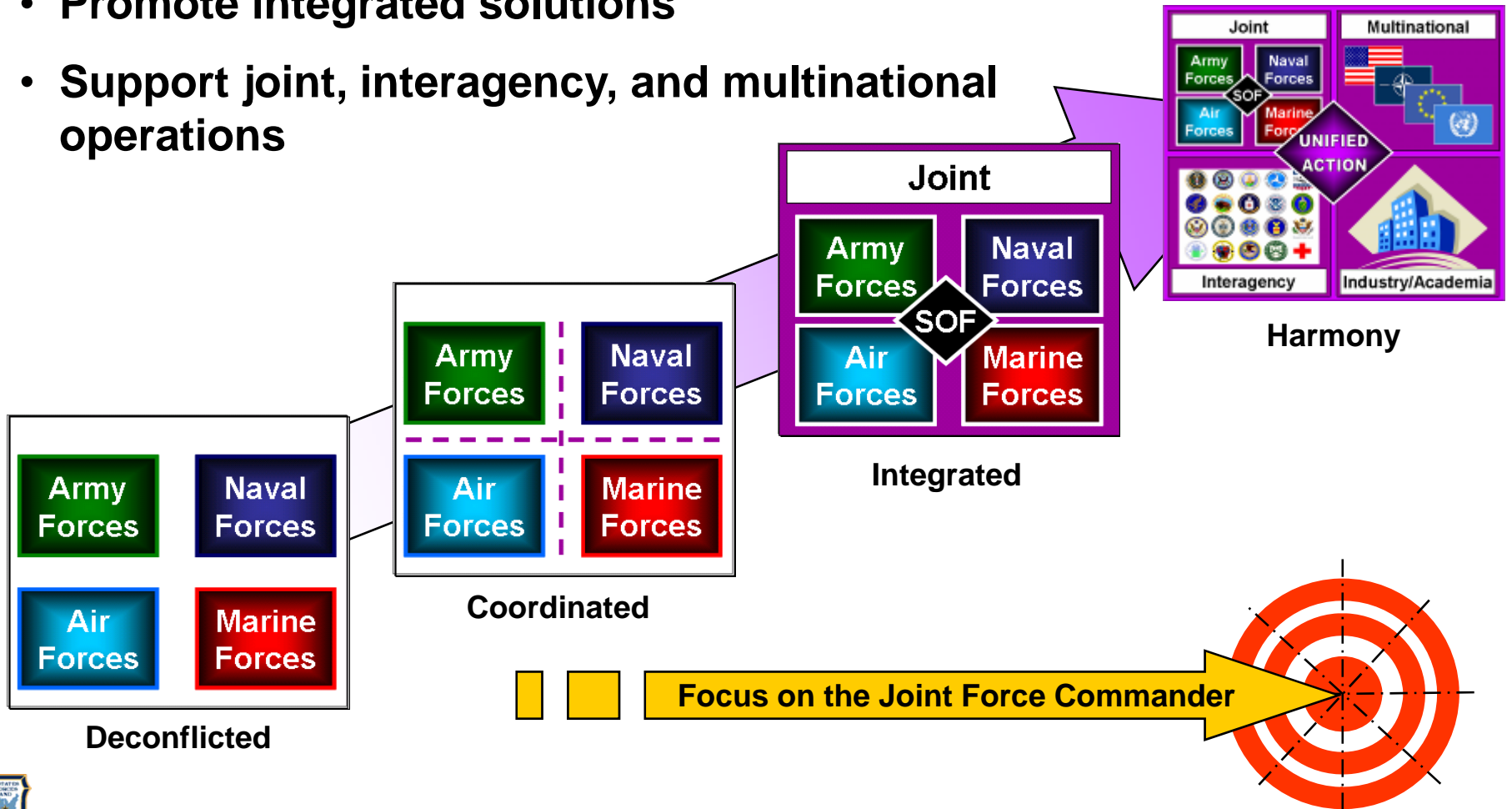


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*Leading Transformation*

# Transforming a Joint Force

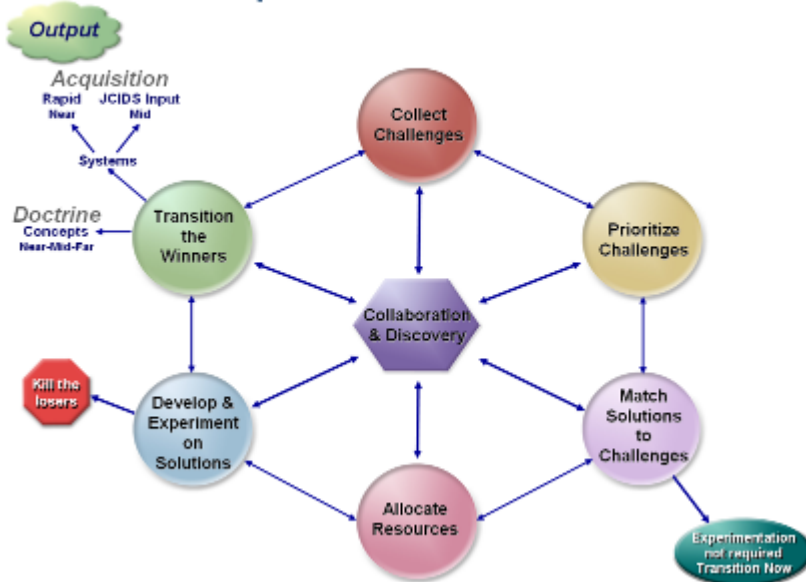
- Expand capacity
- Provide capability
- Promote integrated solutions
- Support joint, interagency, and multinational operations



# Joint Concept Development and Experimentation

*Developing and refining joint concepts and capabilities through experimentation in an enterprise approach.*

## The Enterprise Transformation Process



- **The Joint Concept Development and Experimentation Enterprise**
  - Joint Concepts (Ways of Operating)
  - Joint Capabilities (Means of Operating)
  - Integrating Environment for transformation activities
  - Enterprise Inputs from DOD, Interagency and Multinational partners

- **From Warfighter Challenges to Solutions**

- Experimentation Enterprise and Environment
- Joint Operating/Integrating/Enabling Concepts
- Modeling and Simulations
- Deliver Joint Solutions



*Unique joint solutions to the problems our customers are trying to solve*



# ***Unified Action 08***

## ***Statement of the Military Problem***

***The Joint Force Commander requires the capability to conduct stability operations and share information with US Government agencies in order to support or lead reconstruction and stabilization efforts in the security, economic, infrastructure, rule of law, and governance sectors.***

## ***Outcomes***

- ***The Joint Force Commander's plan for stability operations is integrated into US Government assessments and planning for reconstruction and stabilization.***
- ***The Joint Force Commander's roles and missions in stability operations are defined in relation to other US Government agencies with improved clarity.***
- ***The Joint Force Commander has the necessary processes and sectoral tools, organizations, and authorities to support or lead stability operations.***
- ***The Joint Force Commander is able to measure the effectiveness of the execution of the plan for stability operations.***
- ***The Joint Force Commander has an improved US Government definition of information sharing requirements concerning stability operations.***



# Project Overview

## Project Problem Statement

*A lack of comprehensive implementation planning by both government and non-government organizations require a “whole of society” approach to responses to worldwide events; however, the lack of a trusted (PMESII) SME enterprise inhibits practitioner's ability to create required multi-dimensional plans and analysis to improve information sharing.*

## Project Vision

*A virtual enterprise of Subject Matter Experts collaboratively networked by tools and technologies to create a trusted relationship that assists government agencies and non-government organizations to optimize planning, preparation and execution of their missions.*

A “champion” is needed to initiate a program so that the community can be optimized.

Envisioned JFCOM role:  
Establish, kickoff, and transition the Col to a non-military agency.



# Problem References

## Genesis

- *June 07 Senate Report 110-77, that accompanied Senate Bill 1547, FY08 Defense Authorization Act – J9 received authorization to spend \$2.56 million.*
- *Congressional language states that the funds are “to continue the development of cultural and societal modeling and simulation (M&S) tools.”*

## Warfighter Challenges

*Warfighter challenge (WFC) from MCCDC states a need for a capability to exchange, process, and disseminate PMESII information to counter irregular threats. SOCOM WFC asks to Conduct Integrated and Culturally-Attuned FID, UW, and COIN Operations. Related WFCs highlight the need for better information sharing and integration, as well as interagency, international, and intergovernmental coordination.*





# Problem References cont.

## Capability Gap References

- *Cooperative Security JOC identifies several capabilities gaps related to such an approach.*
- *Presidential Directive establishing Office of Coordinator for Reconstruction and Stabilization recognized the importance of a “whole-of-government” approach.*
- *“Need...holistic view of the environment expanding beyond a traditional military battlefield view to one far more complex with many non-military players...Inclusion of civilian stakeholders in the initial assessments process, estimates and planning... leads to more coherent actions and better focused effort to achieve objectives.”*  
Gen (Ret) Luck
- *Director DDR&E Human, Social, Cultural Behavior (HSCB) report – cited inadequate investment has created a HSCB ‘gap’ in basic science that drives socio-cultural modeling and tool development; noted no formal management structures or program managers in the HSCB area.*
- *Information Communications Technology for Peace (ICT4Peace): “In a crisis, the UN, NGOs, and often military and business groups need to be able to communicate quickly about needs and how best to collaborate.”*



# ***Project Desired Outcomes/Objectives***

- 1. Virtual Network of subject matter experts (SMEs): Develop a model of the PMESII community to include SMEs, existing and planned PMESII like projects, research, tools, and knowledge bases.***
- 2. Prioritized list of gaps and redundancies: Develop a community prioritized list of gaps to compete for existing and future funding and recommendations to merge projects with redundant objectives.***
- 3. Standards for a robust set of tools and technologies: Develop agreed upon standards and procedures for PMESII like tools, processes, and data that enable more effective and efficient collaboration on engagement issues.***
- 4. Enhanced military engagement planning process:***
  - a) Provide an improved PMESII knowledge base to enable the warfighter to consider multidimensional aspects earlier in the planning process.***
  - b) Improve the process for DoD access to the optimal SMEs for engagement planning. Experiment to find optimal processes and procedures required to service DoD, DoS, and NGOs with engagement planning requirements.***



# Project Activity Description

**Baseline Collective Assessment** Create a baseline of existing PMESII related projects, programs, and tools. “Quick look” into existing work being done and tools being used. Identify perceived gaps in the community efforts. Baseline document should be publicly available and designed to accept updates. Identify SME’s and document their efforts. Use initial gaps as funding tasks to jump start progress. (contract in place)

## **Focused Workshops:**

- Create a model of PMESII SME’s and ‘launch’ a CA COI ‘Forum’
- Collaboratively develop standards, rules, and guidelines optimizing information sharing & information access
- Create a tool assessment process and ‘drive’ the community to an open standard for tools, networks & data

**PMESII Forum** Transition the CA COI as a self-regulating entity – one envisioned to be managed by a Steering Committee employing the standards created, tools assessed, and open architecture adopted by the Community at large – information and planning capability the concept envisions.

Concept finalized, PMESII Forum operating and tool assessment standards approved & delivered to community. Project oversight transitions to a willing private foundation or institution USJFCOM will appoint a POC to participate in the Forum. Industry, academia, government agencies and non-government organizations active members in CA COI.



# *Interested PMESII Parties*

- *SOCOM*
- *SOUTHCOM*
- *STRATCOM*
- *OSD*
- *DoS*
- *Joint Staff, J8*
- *NATO*
- *Multinational Partners*
- *All Services, service labs, & senior service schools*
- *NDIA*
- *RAND*
- *National Science Foundation*
- *Royal Dutch Shell*
- *Maersk Line, Limited*
- *Procter and Gamble*
- *International Aid Agencies*
- *MORS*
- *Center for Strategic and International Studies (CSIS, DC)*
- *Academia*
- *Industry*



# Schedule of Events FY 08/09

