

A light blue world map is centered in the background of the slide, showing the continents of North America, South America, Europe, Africa, Asia, and Australia.

United States Joint Forces Command
Joint Concept Development and Experimentation (JCD&E)
Welcomes
the
Joint Warfighting Conference

RADM Dan Davenport
Director

Joint Concept Development & Experimentation
USJFCOM, J9

USJFCOM Approach

Supporting the Joint Commander

- **Developing joint concepts and experimenting**
 - Finding out what works for the future
- **Ensuring military systems “talk” to each other**
 - Fixing those that don't, making new systems that do
- **Training Joint Forces**
 - From headquarters' staffs to individuals
- **Providing deployable joint teams**
 - A team available “right now” to meet Commander's immediate needs
- **Providing Joint Forces**
 - Right mix of forces and equipment to get the job done
- **Feedback via Lessons Learned**



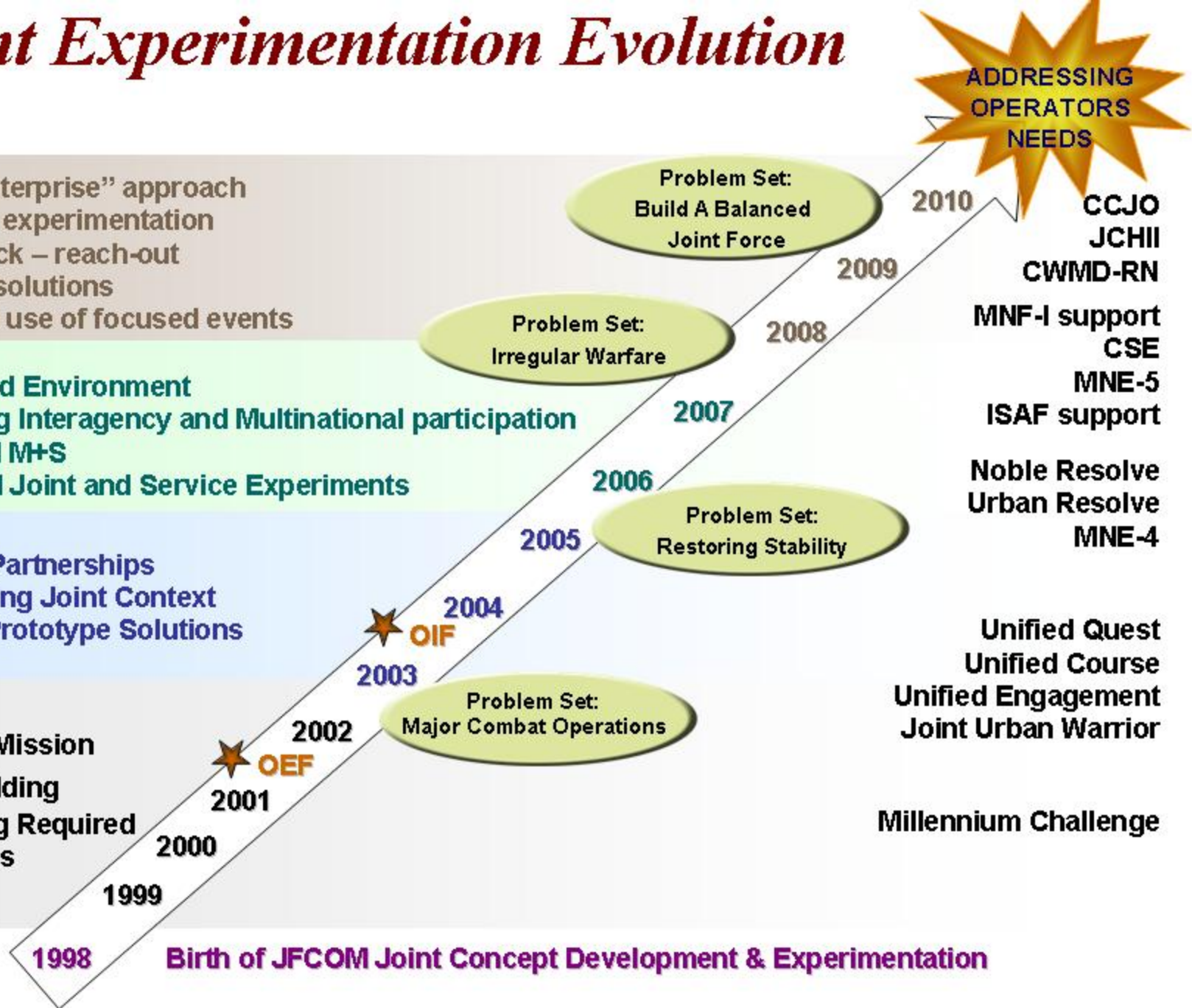
Joint Experimentation Evolution

- JCDE “Enterprise” approach
- In-theater experimentation
- Reach-back – reach-out
- Practical solutions
- Increased use of focused events

- Distributed Environment
- Expanding Interagency and Multinational participation
- Advanced M+S
- Integrated Joint and Service Experiments

- Building Partnerships
- Establishing Joint Context
- Fielding Prototype Solutions

- Evolving Mission
- Team Building
- Identifying Required Authorities



Joint Concept Development & Experimentation

DEFINING THE PROBLEM

- Strategic Guidance
- Warfighter Challenges
- DOD Taskings

Problem

Defined and
prioritized by the Enterprise

JCD&E Enterprise
Campaign Plan

PARTNERSHIP APPROACH

- Stakeholders
- Subject Matter Experts
- Technology Providers

Solution

Across DOTMLPF-P and
Concept Spectrum

DOTMLPF-P
Recommendations

IMPLEMENTING CHANGE

- DOTMLPF-P Owners
- Doctrine Developers
- JCIDS / FCBs
- CPMs

Transition

Drive Change for
the Warfighter

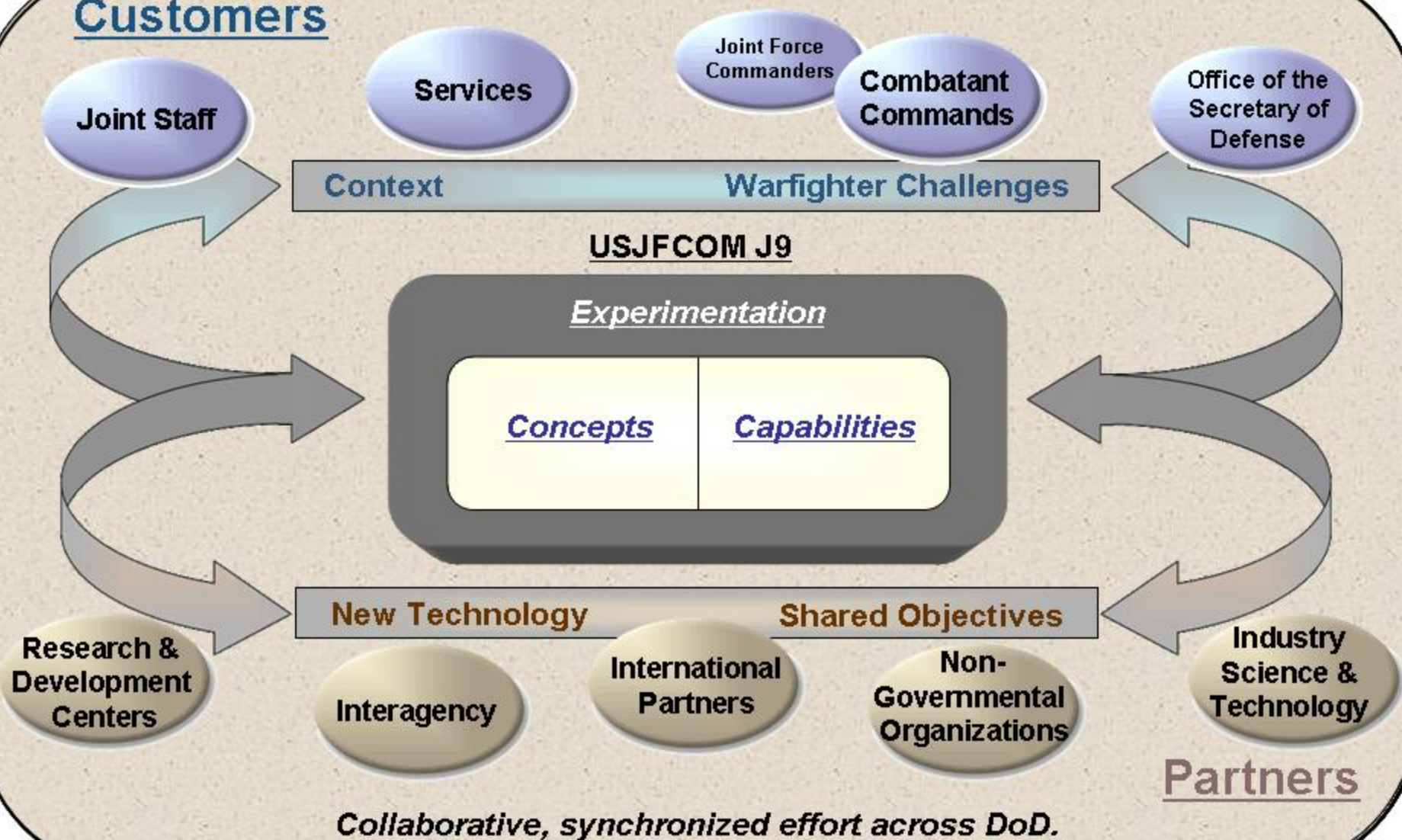
Traceable Impact
to Operating Force

Delivering Meaningful Solutions to DOD's Most Important Challenges



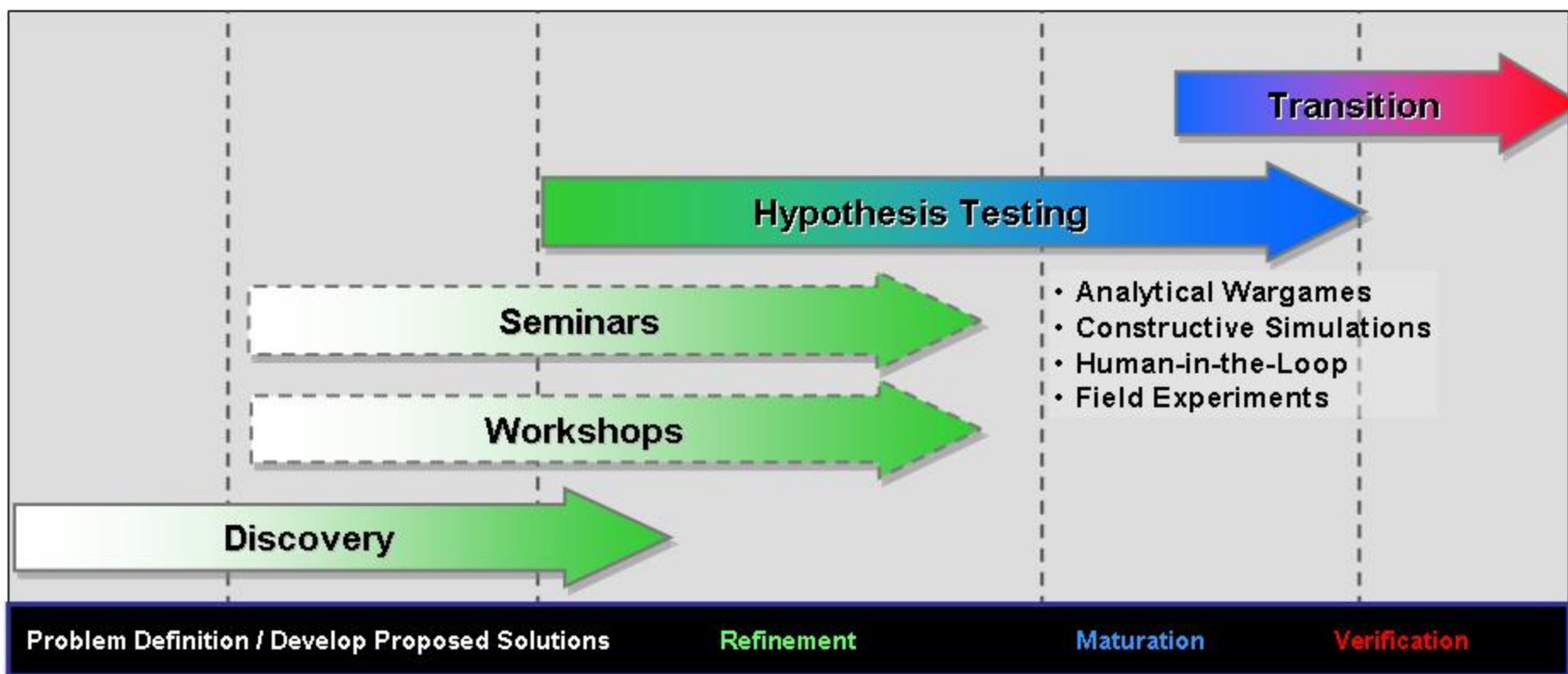
The JCD&E Enterprise

Customers



Experimentation Approaches

- ✓ Employ a variety of experimentation types and methods
- ✓ Apply experimental methods to complex problems
- ✓ Increase understanding, develop knowledge or improve capabilities / concepts
- ✓ Produce operationally relevant, credible and defensible outcomes



FY09/10 JCD&E Project Plan

Defeating Terrorist Networks

- Support to SOCOM IW Exp
- ❖ Multinational Experiment 6
- Counter-Personnel Warning and Suppression Systems
- Enhanced Urban Recon
- Small Unit Decision Making
- IW Concepts Support
- Hybrid Threat Experimentation
- Geospatial Analysis and Planning Support
- Irregular Warfare JOC 2.0

Preventing WMD

- ❖ Countering Weapons of Mass Destruction – Radiological & Nuclear
- Countering Weapons of Mass Destruction – Biological

Shaping Countries at Strategic Crossroads

- Capstone Concept for Joint Operations Experimentation
- ❖ Assured Air Access
- ❖ Conventional Warfare JOC
- ❖ Seabasing
- Deployable Security Sector Reform
- Title 10

Defending the Homeland

- Global Integrated Air and Missile Defense

Project Legend

- ❖ 2-Yr

Joint and Coalition Enablers

- ❖ JFC Command and Control
- ❖ JFC Domain Awareness
- ❖ Joint Integrated Persistent Surveillance
- ❖ Cyberspace Operations
- KORCOM Transition
- Coalition Networks
- Strategic Communication Experimentation

- Unified Action 09
- ❖ Stability Ops JOC
- ❖ MNE6 Logistics
- CENTCOM, SOUTHCOM, SOCOM Joint LOG
- Planning Assessment and Decision Support System
- Armed Private Security Contractors
- GPS Sustainability

- Interagency Shared Situational Awareness
- ❖ Joint Counter Intelligence/Human Intelligence Integration
- ❖ Joint Distributed Operations
- Cooperative Security Exp
- Joint Targeting PLANORD
- Joint Targeting Proof of Concept



JCD&E Impact Highlights

Joint Urban Fires Prototype

US Army PFED with precision image



- Incorporated Precision Fires Imagery into existing USA/SOF PFED capability, including ability to use of commercial imagery for precision targeting. Currently in use by operating forces in Iraq & Afghanistan.

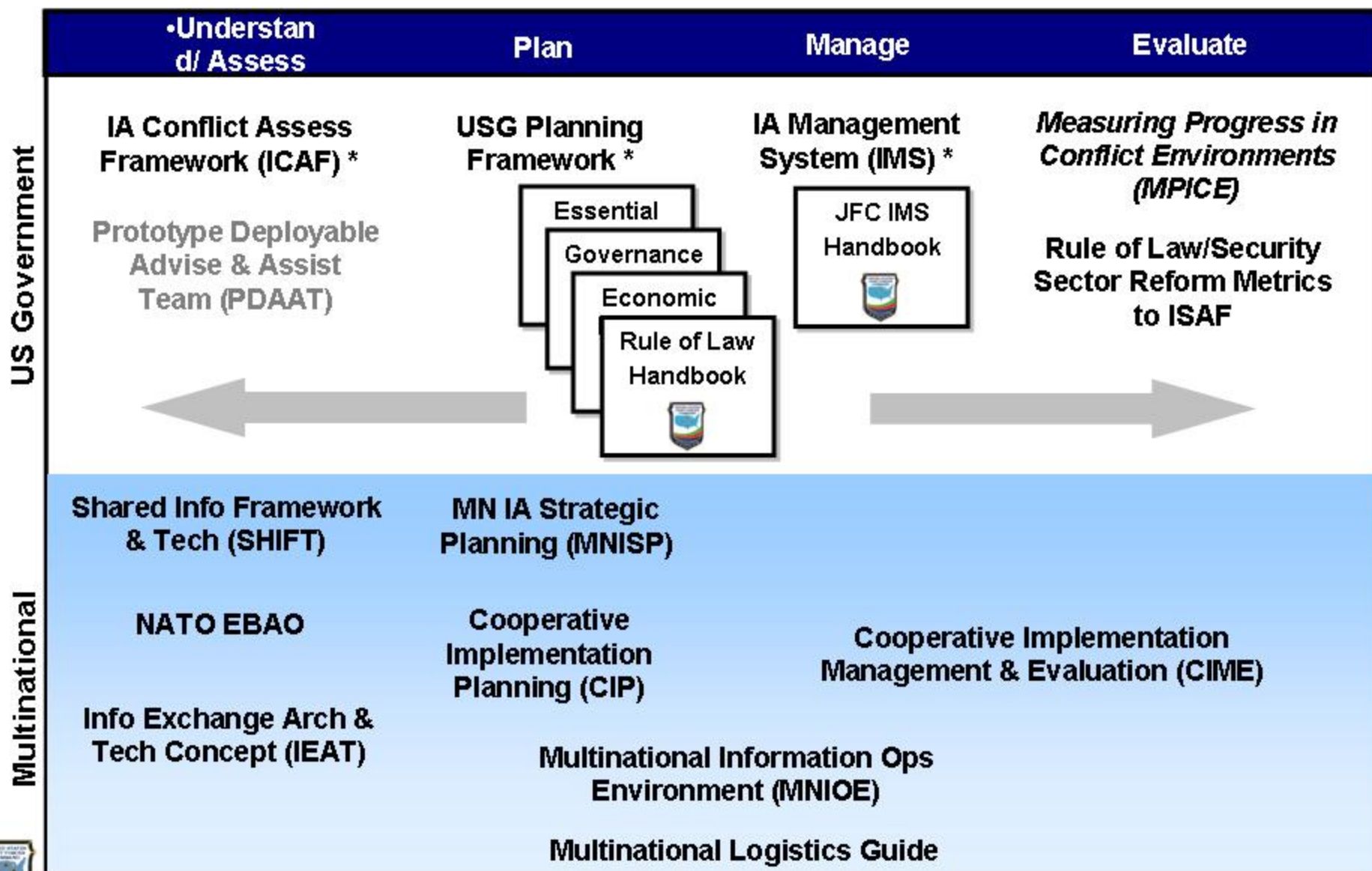


- Conducted Training for deploying units (NSWDG, 24th STS, 75th RTB, 2nd Anglico) and a train the trainer course for service school houses.
- Transitioned to PM Battle Command for incorporation into POR – PFI approved as OSD Technology Transition Initiative - in production.



JCD&E Impact Highlights

Interagency Coordination/Comprehensive Approach

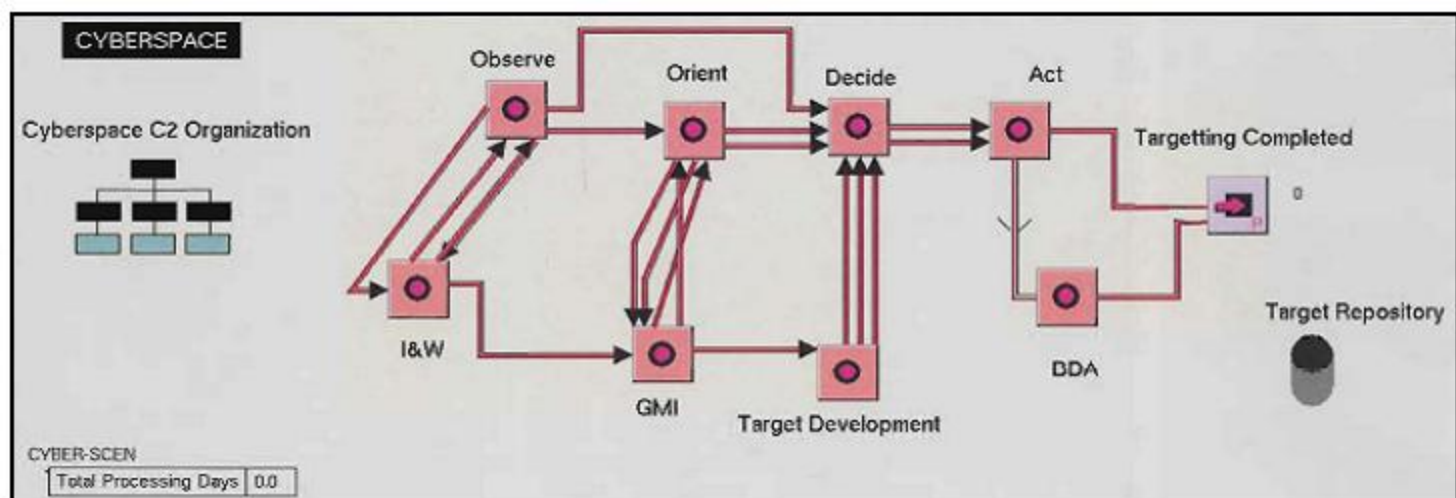


* Principles approved by NSC Deputies committee

JCD&E Impact Highlights

Cyber Operations Manning (FY09)

- Developed, evaluated & vetted Analytic Manning Model with COCOMS & Services - adopted by STRATCOM to support National Military Strategy for Cyber Ops task
- Developing MOP/MOE, Intelligence and Collaborative Planning Guides and Manning and Training and pre-doctrinal documents



Accelerating Toward the Future

Transforming our ability to generate solutions to DoD's most pressing challenges

- **Improving synchronization and coordination across JCD&E Enterprise**
- **Providing meaningful and impactful solutions to meet customer demands**
- **Pursuing constant improvement in JCD&E business practices**
- **Providing the most effective and efficient product possible**
- **Transitioning validated solutions and capabilities into DOTMLPF-P solutions and Service programs of record**
- **Continually assessing progress and adjusting course as needed**



USJFCOM Approach

Supporting the Joint Commander

- **Developing joint concepts and experimenting**
 - Finding out what works for the future
- **Ensuring military systems “talk” to each other**
 - Fixing those that don't, making new systems that do
- **Training Joint Forces**
 - From headquarters' staffs to individuals
- **Providing deployable joint teams**
 - A team available “right now” to meet Commander's immediate needs
- **Providing Joint Forces**
 - Right mix of forces and equipment to get the job done
- **Feedback via Lessons Learned**



Recent JCD&E Impact Highlights

- **Unified Action (FY08/09):**

- USG Planning Framework for Reconstruction, Stabilization, and Conflict Transformation & Interagency Management System (IMS) approved by NSC Deputies Committee
- Interagency Conflict Assessment Framework approved by Reconstruction and Stabilization PCC.
- IMS Handbook being directly incorporated in Joint Doctrine – JP 3-08.
- Four pre-doctrinal Sectoral Handbooks under development for use by COCOMs and incorporation into JP 3-07/3-08.
- Election training provided during 82nd Airborne MRX for Afghan Elections.
- Security Sector Reform/Rule of Law metrics support to ISAF HQ for campaign assessment

- **JUFP (FY08)**

- Incorporated Precision Fires Imagery into existing USA/SOF PFED capability, including ability to use of commercial imagery for precision targeting. Currently in use by operating forces in Iraq & Afghanistan.
- Training sessions conducted for deploying units (NSWDG, 24th STS, 75th RTB, 2nd Anglico) and a train the trainer course for service school houses.
- Transitioned to PM Battle Command for incorporation into POR – in production

- **Cyber Operations (FY09):**

- Analytic manning model vetted by COCOMS & Services, and adopted by STRATCOM to support National Military Strategy for Cyber Ops task
- Developing MOP/MOE, Intelligence and Collaborative Planning Guides and Manning and Training and pre-doctrinal documents

