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Precision Engagement Brief
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Overview

Precision Engagement

- **Provide information on a joint targeting process**
- **Addressing three realities:**
 - **Targeting at its core relies upon human interaction**
 - **These interactions must be organized and timely**
 - **Collaborative technologies are available and can help**
- **USJFCOM's role in interoperability - Transformation**
 - **Supports precision engagement in JV 2020**



Agenda

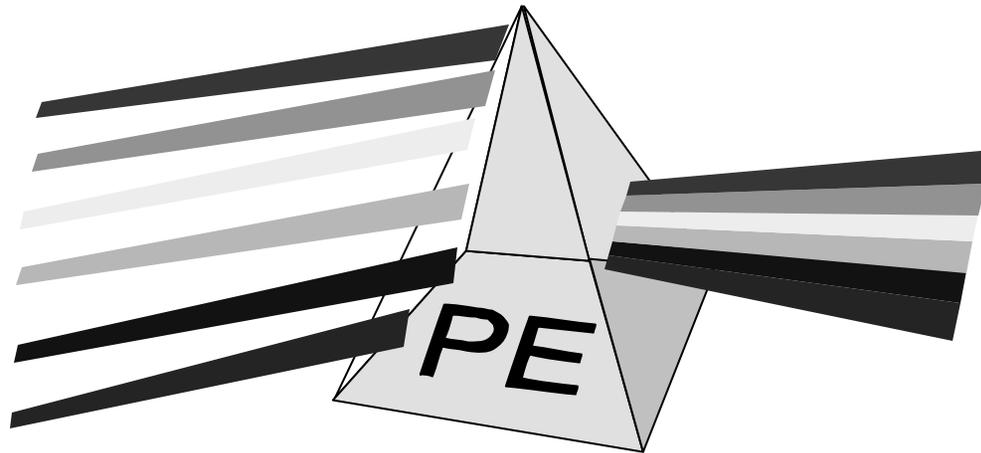
Precision Engagement

- **Genesis of USJFCOM's PE effort**
- **The PE process**
- **Synchronization**
- **PE Future**
- **How PE can be Applied to PR**



Precision Engagement

Genesis of PE



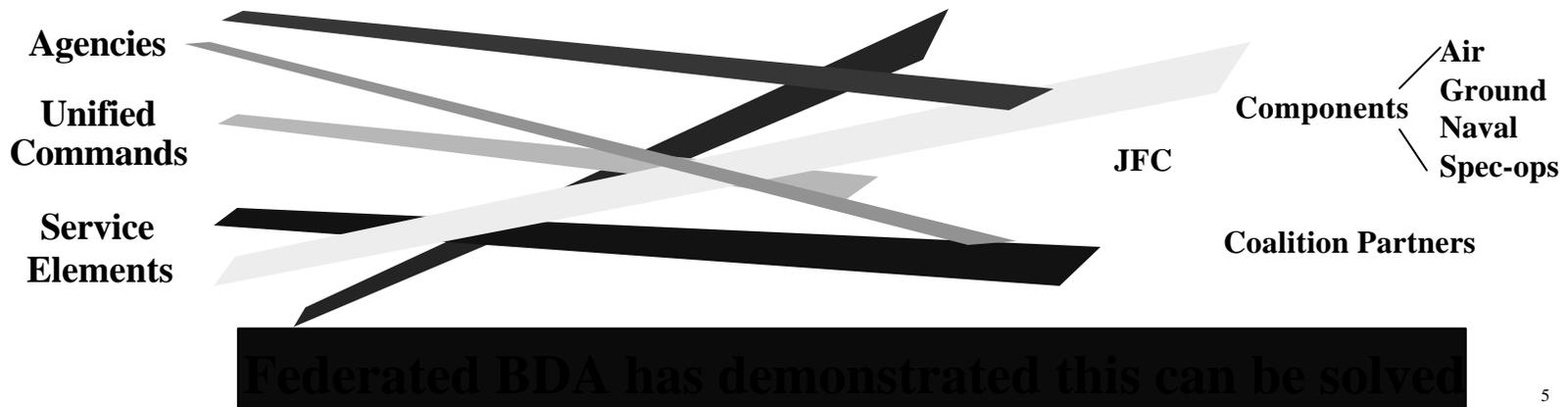


What Prompted JFCOM's PE Effort?

Precision Engagement

Joint Commanders not satisfied with the targeting support process:

- **Inadequate visibility of critical information**
- **Shortages of targeting critical skills set and manpower**
- **Current augmentation practice bankrupt's staffs**
- **Targeting information request process not responsive**
- **Compartmentalization of the targeting cycle**
- **Ad hoc nature of crisis operations**
 - Lack of time magnifies all these issues





Challenge #1: Ops/Intel Integration

Precision Engagement

Where We Are
*Effective
But Fragmented*

Current
Targeting
Cycle



Where We Want To Be
*Collaborative Collateral
Network Across National Level*

Future
Targeting
Cycle



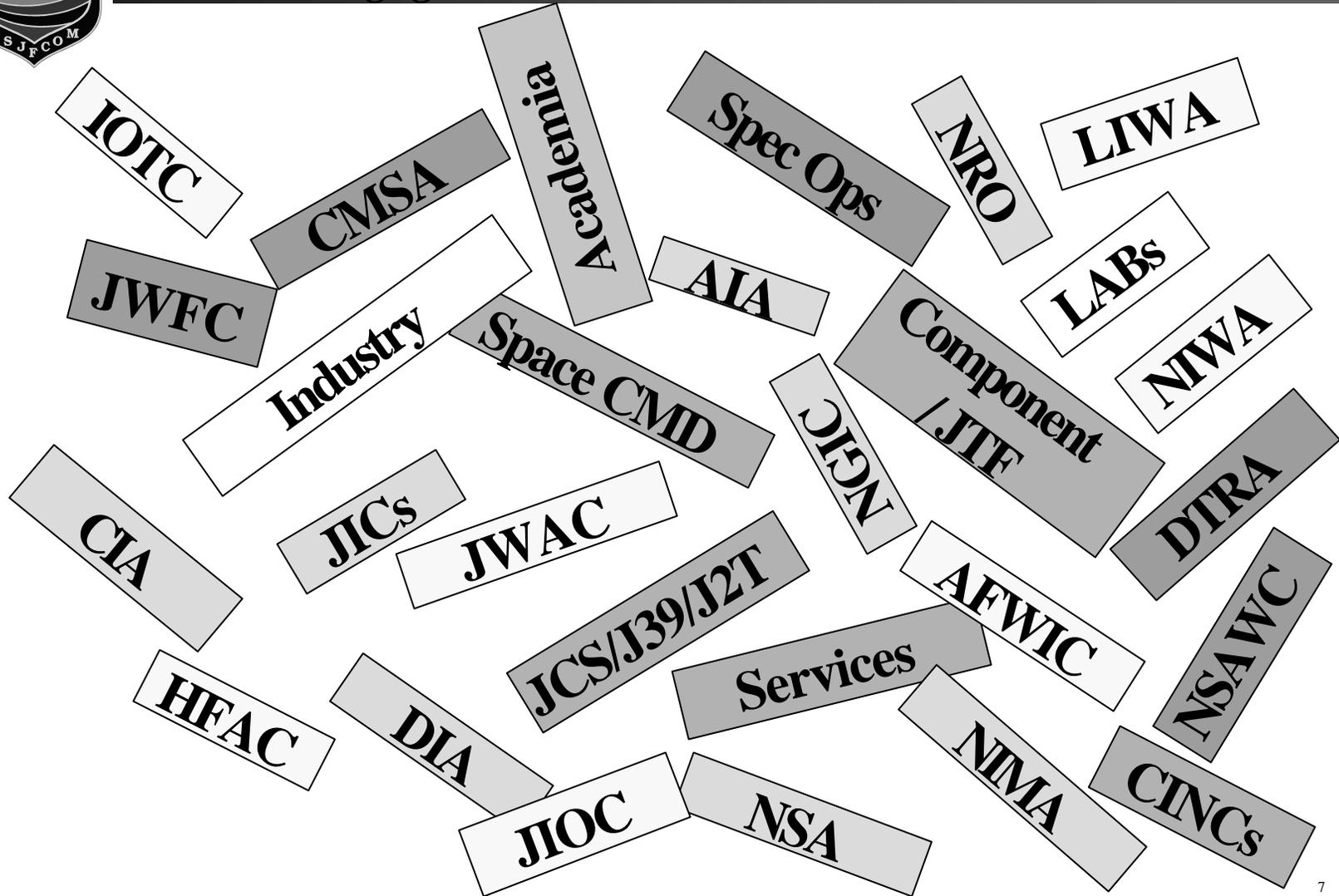
Operations

Intelligence



Challenge #2: Identify/Harness the Expertise

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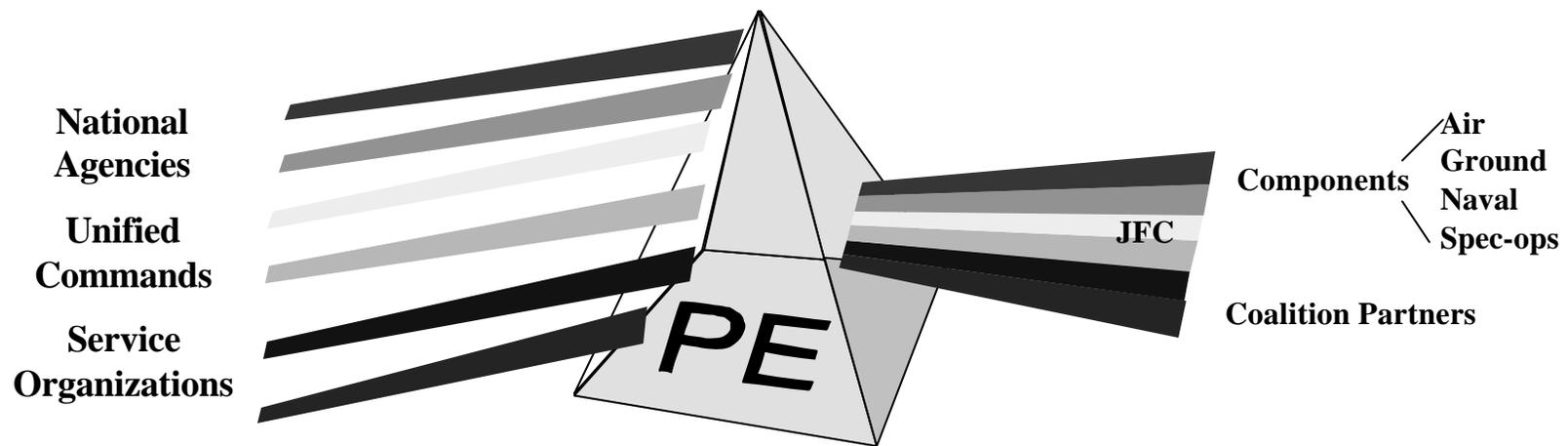




Solution: Precision Engagement

Precision Engagement

Provide the warfighter with desktop access to a responsive, collaborative, effects-based targeting process that helps JFC and subordinate commanders apply the full spectrum of weapons available



Discrete tasks for support agencies



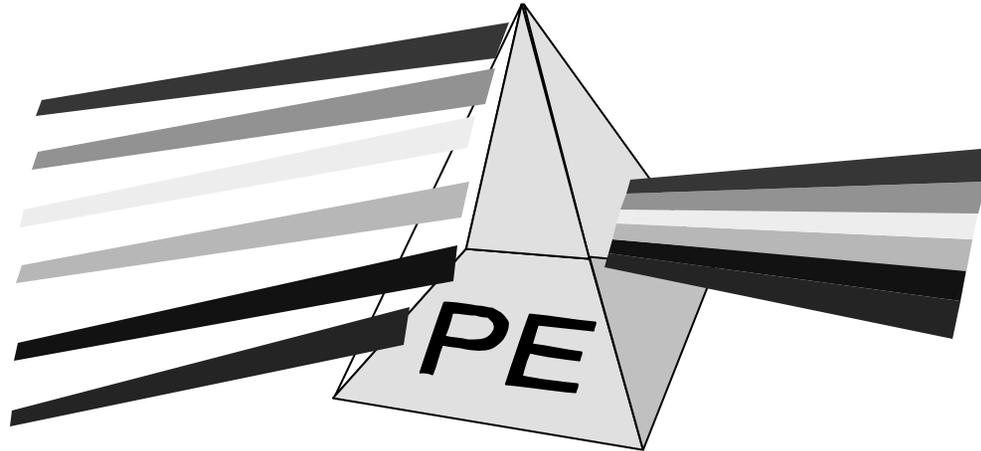
Focused support to the theater

“Simply put, precision engagement is effects-based engagement that is relevant to all types of operations. Its success depends on in-depth analysis to identify and locate critical nodes and targets.” — *Joint Vision 2020*



Precision Engagement

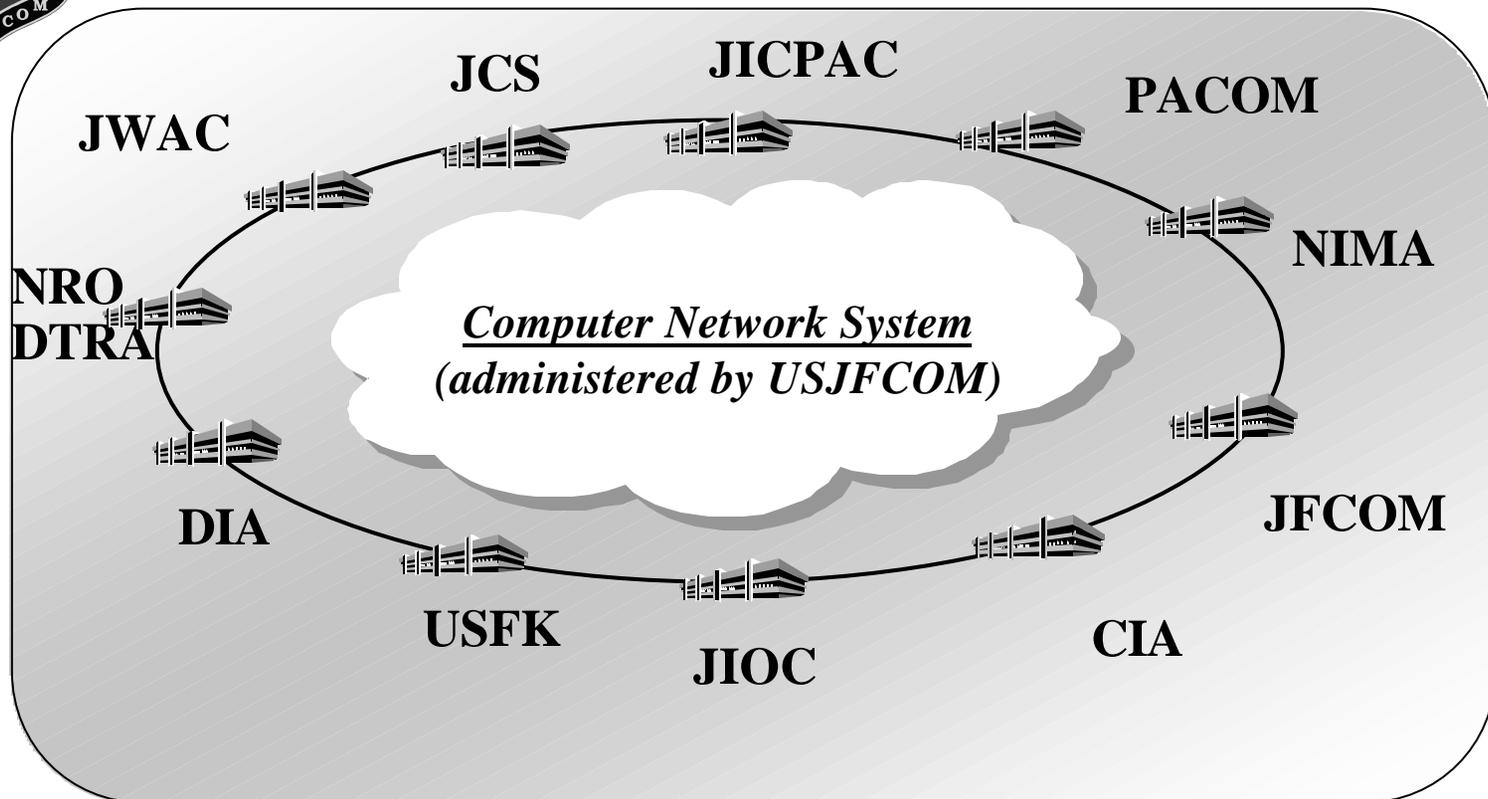
PE Process





USJFCOM PE Architecture

Precision Engagement



39 Sites, 1000+ Users



PE Process: How It Works

Precision Engagement

**JFC needs target development for an objective:
neutralize electrical production for 6 months**

- ✓ Can be deliberate planning, sustained ops, or crisis ops
- ✓ Request to NCA: Initiate Joint PE Process

USJFCOM commences facilitation of PE Process

- ✓ USJFCOM consults with CINC and JFC -- establishes VCG
 - JFC, JS, JWAC, DTRA, USJFCOM, Components
- ✓ USJFCOM ensures collaborative network is operational



PE Process: How It Works (Cont'd)

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JFC provides guidance: minimize electrical production

- ✓ VCG participates, but entire community monitors
- ✓ VCG translates guidance/objectives into desired effects
 - ◆ Establishes VSGs, assigns effects appropriately
 - DIA, DTRA, NGIC, NIMA, JFIC

VSG collaborates

- ✓ Provides target recommendation to VCG: destroy node y
- ✓ Reviews alternatives, analysis supporting selection
- ✓ Ensures accuracy of details via checks/balances

VCG reviews target recommendation

- ✓ Ensures effects meet JFC's original objectives and intent

VCG deliverable to JFC: Electronic Target Folder



Electronic Target Folder

Precision Engagement

BE 4444-55555 - Microsoft Internet Explorer

Back Forward Stop Refresh Home Search Favorites History Channels Fullscreen Mail

BE # 4444-55555

Target Significance	Target Description	Critical Elements	Collateral Damage	BDA	Help

Target Data

BE NUMBER	NAME	CAT	GEO (WGS84)	MGRS	ELEVATION	JOG
4444-55555	Testing	55555	666666N 1234567E	55ABC5555555555	210 ft	NJ 55-55

Target Significance

This is a test. This is a test, and therefore has no significance. This is not a real be.

Target Description

This is a test. This is a test, and therefore has no description. This is not a real be.

Critical Elements

(U) Critical Elements for the entire installation are listed below.
This is a test. This is a test, and therefore has no recommended aimpoints, functional components, fuel. This is not a real be.

Internet zone



UFL00 Tasking--Completion Results

Precision Engagement

- **Deliberate planning**
 - **Developed 107 targets in six weeks (22 Jun - 4 Aug)**
- **Sustained operations tasking**
 - **Nominated/vetted/submitted 52 targets (22-24 Aug)**
 - **Developed 11 Electronic Target Folders (23 Aug)**
- **Pop-up/crisis tasking**
 - **Capitalized on opportunities – not planned, but effective**



What Does PE Bring the Warfighter?

Precision Engagement

- **Improves the targeting cycle as envisioned by JV 2020**
 - Generates better targets faster by improving choices
 - ◆ Distributed planning supports centralized decision making
 - Identifies courses of action to JFC for weapons selection
 - Generates continuity between operators and analysts
 - Accelerates low-level collaboration and access to expertise
- **Provides system of checks and balances**
 - All participants interconnected
 - Allows disparate parties to review each other's data and recommendations, thereby minimizing unchecked mistakes
 - Allows supported commander to provide quality control during and after planning



What Does PE Bring the Warfighter? (cont'd)

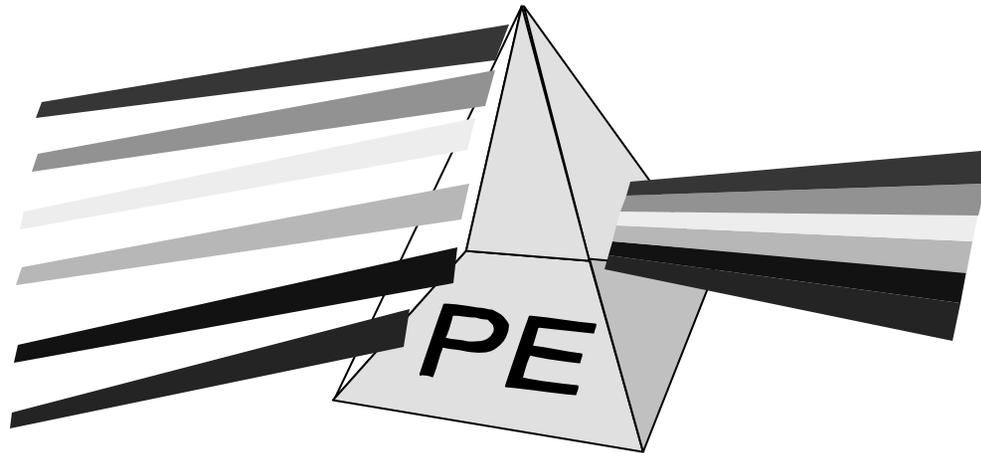
Precision Engagement

- **Flexible**
 - Applies to deliberate planning, sustained operations, and crisis reaction
 - Adapts quickly to supported commander's battle rhythm
- **Provides forcing function**
 - Ensures all parties work to achieve supported commander's goals on time
- **Supporting process**
 - Supports Joint Force Commander
 - Improves situational awareness of not only JFC but also Joint Staff, agencies, CINCs



Precision Engagement

Synchronization





DOTMLPF Plan

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- **Doctrine**
 - **Develop CJCS Manual (by FY02)**
 - **Review/revise joint publications (through FY02)**
 - ◆ **JP 3-60 (Joint Targeting)**
 - ◆ **JP 2-01.1 (Intelligence Support to Targeting)**
- **Organization**
 - **Assess impact on structure of Joint Force HQs, CINC staffs, component commander staffs (by FY04)**
 - **Assess impact on structure of national agencies (by FY04)**
- **Training**
 - **Revise Joint Targeting School curriculum (by mid-FY02)**
 - **Build into Joint Exercises (begin FY02 through indefinite)**



DOTMLPF Plan (cont'd)

Precision Engagement

- **Materiel**
 - **Adopt DoD standard for collaborative tools (through FY02)**
 - **Expedite solution of multi-level security access (indefinite)**
- **Leadership**
 - **Develop forums for leader development stressing use of collaborative tools in military practices (through FY02)**
 - **Incorporate into Capstone and JPME curricula (by FY04)**
- **Personnel**
 - **No new requirements**
- **Facilities**
 - **Review/upgrade existing networks for sufficient bandwidth and redundancy (continuous)**



Current Developments / Tasks

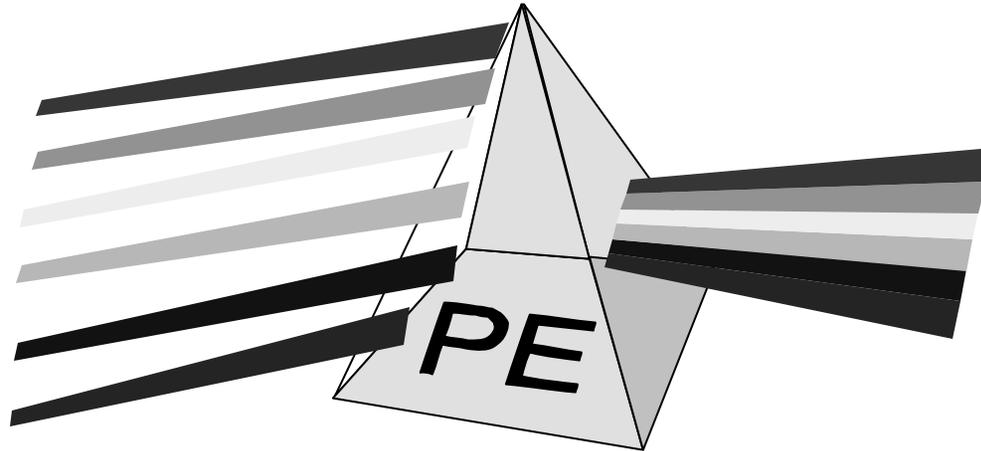
Precision Engagement

- **USFK building joint targeting cell using PE Process**
- **Targeting Issues Working Group (TIWG) voted in favor of USJFCOM PE Process (13 Sep 00)**
 - **Endorsement of targeteers from CINCs/Agencies**
 - **Many ready to see PE Process in future Planning Orders**
 - **Presented to Military Intelligence Targeting Committee**
- **Joint Personnel Recovery Agency (JPRA)**
 - **Extend PE process to recovery cycle**
 - ◆ **Planning personnel recovery mirrors target development**



Precision Engagement

PE and JPRA

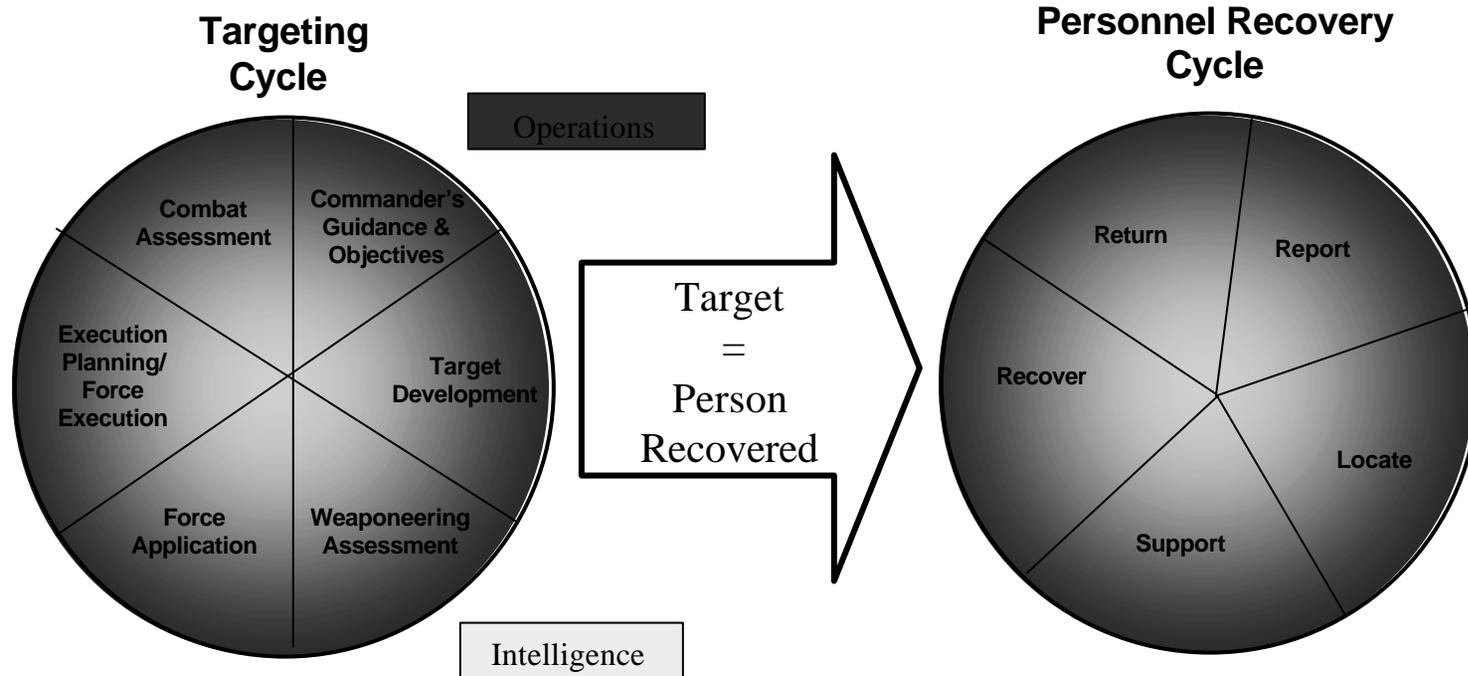




Similarities Between PR and Targeting

Precision Engagement

Using Collaborative Collateral Network Across National Levels

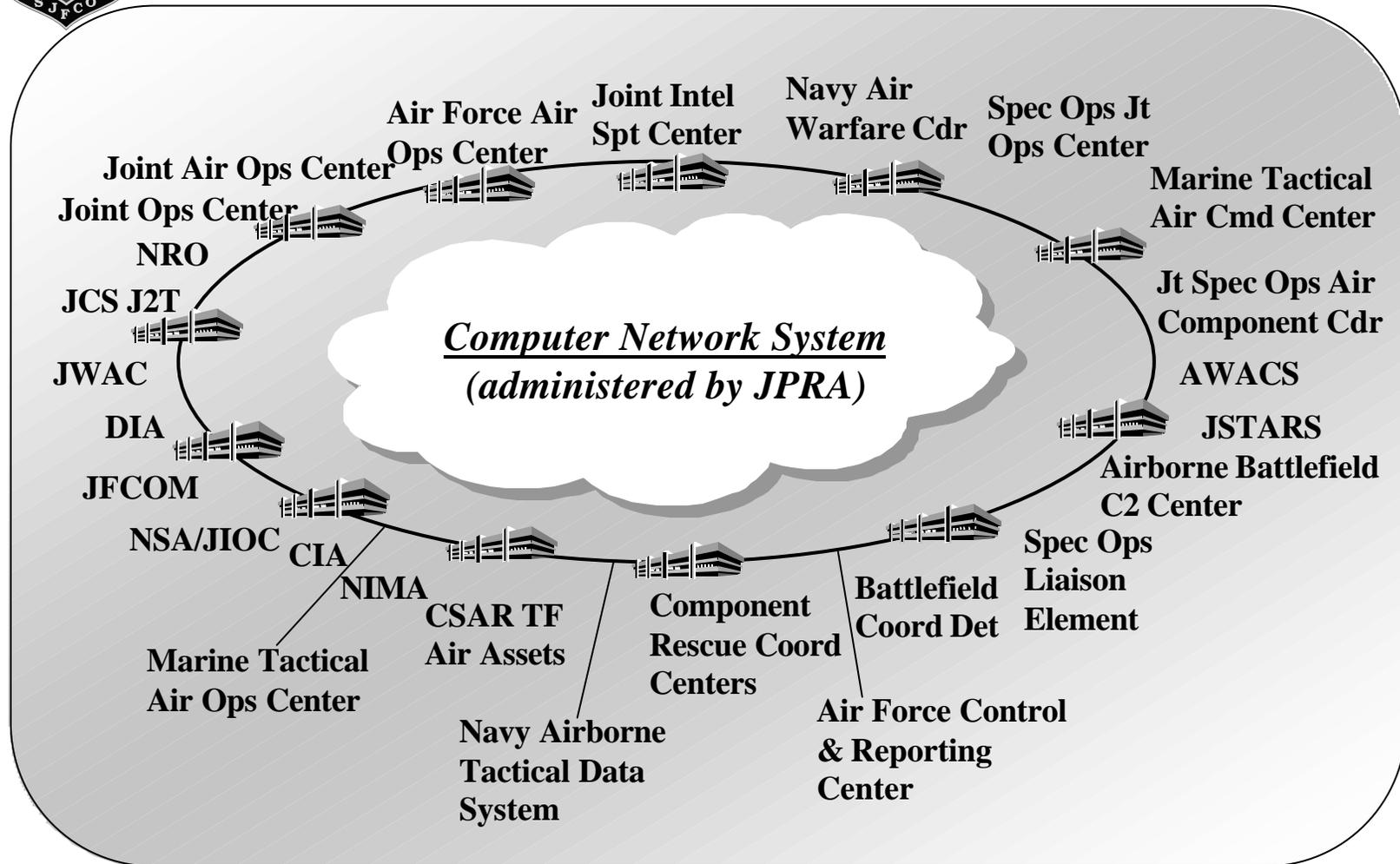


The same enhancements PE brings to the targeting cycle can be applied to the personnel recovery cycle



Potential PE Framework for PR

Precision Engagement





Why incorporate PE into PR?

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- **By incorporating the PE process, JPRA will:**
 - **Better utilize national centers of excellence**
 - **Better focus available intelligence, operational, and analytical support on personnel recovery cycle**
 - **Reduce forward footprint (less lift, time, money)**
 - **Capitalize on improved analytical tools and collaborative technologies**



Where can JPRA go from here?

Precision Engagement

- **Recommendations:**
 - **Support PE as a concept**
 - **Become imbedded into JIVA's virtual network**
 - **Incorporate your expertise into "the net"**
 - **Develop CONOPS for PE-based PR**
 - **Conduct exercises to validate/refine CONOPS**
 - **Comments and input for process improvement**



Precision Engagement

Questions?

