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*for*

*Simulation, Training and Instrumentation*

**TRAINING & SIMULATION INDUSTRY SYMPOSIUM 2008**

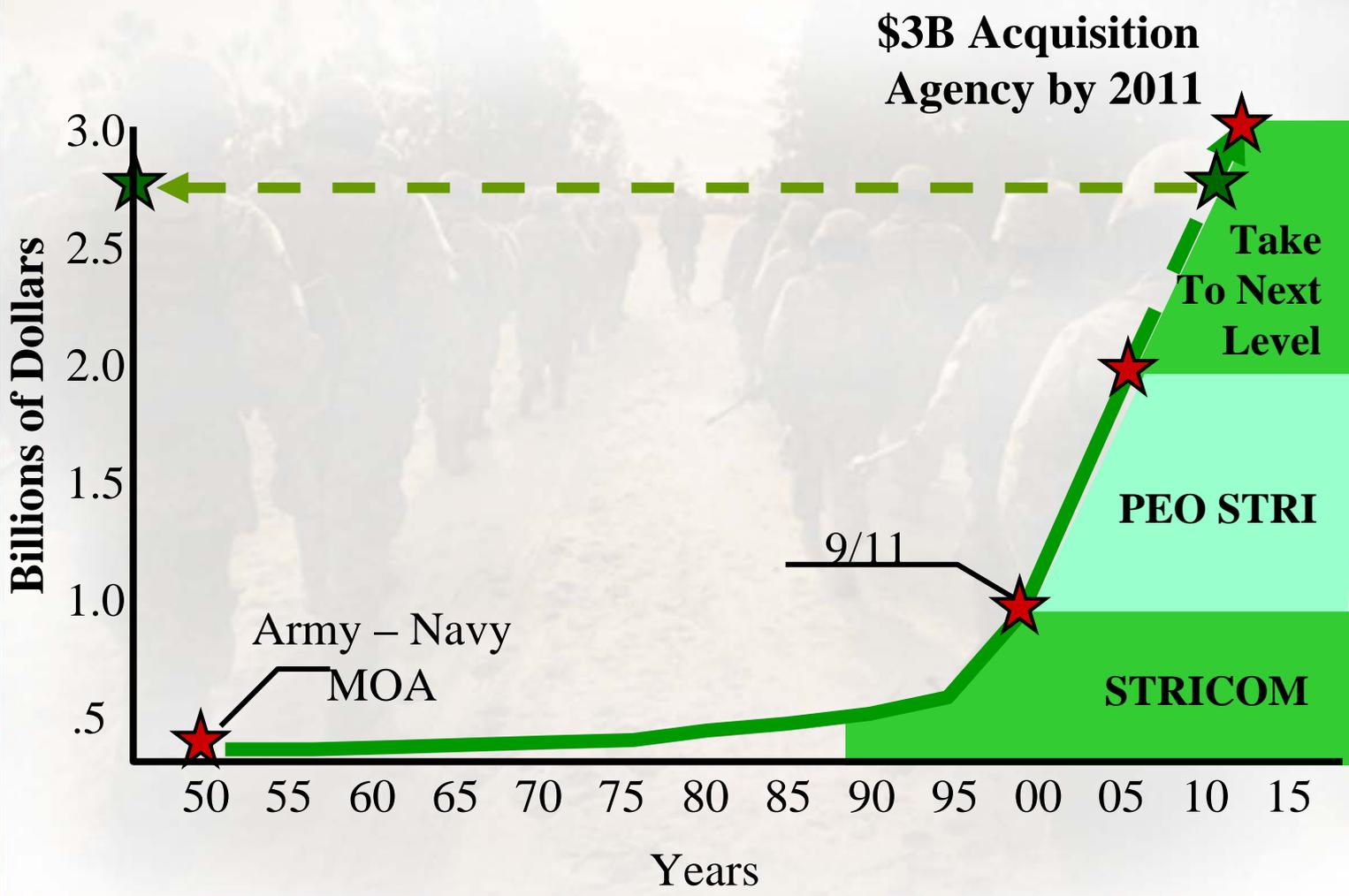


# Agenda

- Funding Trends
- PEO Changes
- Integration and Interoperability (I2)
- PEO Strategic Plan



# Funding Trends

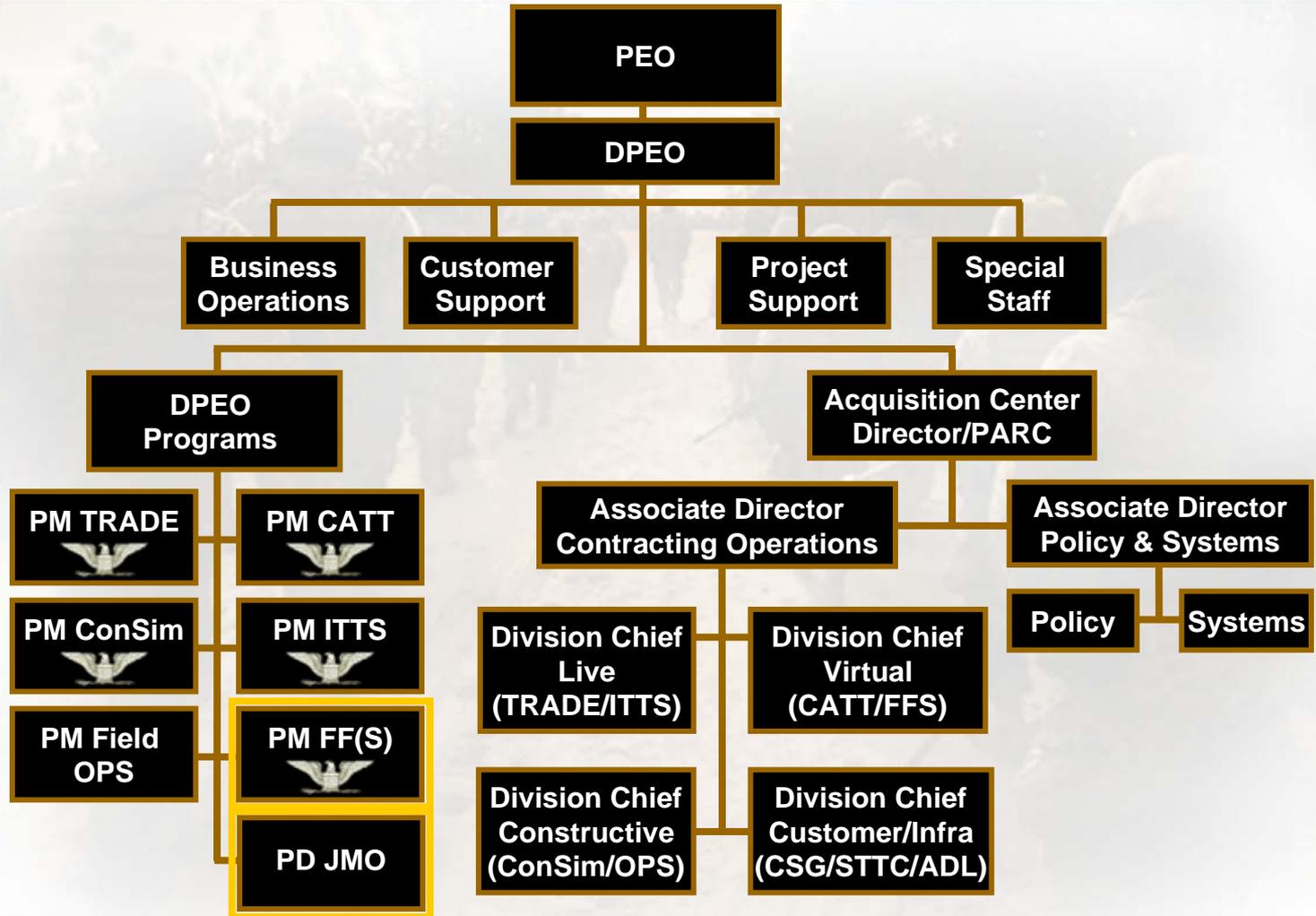


# PEO Changes

- Head of Contracting Activity
- TADSS Policy Memorandum
- New PEO Charter
- Organization



# PEO Organization



# Integration and Interoperability (I2)



- ❑ **I2 provides maximum benefit for our training and testing communities**
  - Combines the capabilities of multiple products into a single environment – the total environment is greater than the sum of the parts
  - Eliminates duplication of products allowing shorter development/test cycles, higher quality, and reduced ownership cost
  
- ❑ **I2 must be carefully managed (programmatically & technically)**
  - Protocols, standards, configuration management
  - Systematic versus ad hoc reuse (product line management)
  
- ❑ **I2 Advisory Board (I2AB)**

PEO STRI senior-level management forum that crosses all boundaries of project management and technical expertise

# PEO STRI I2 Implementation

## I2 End State

*Improved Execution of PEO STRI's Mission  
Across the Entire Portfolio of Programs*

## Enablers

- Oversight Function - PEO-Chartered Senior Management Board
- Persistent Interoperability
- Specifications
- Common Components & Reuse
- Business Model
- Standards
- Infrastructure Services
- Configuration Management
- Heterogeneous Sims
- Homogeneous Sims

## Focus Areas

### Program Synchronization – Better Decision Making

- Identification of Program Dependencies
- 2<sup>nd</sup> & 3<sup>rd</sup> Order Effects of Alternatives

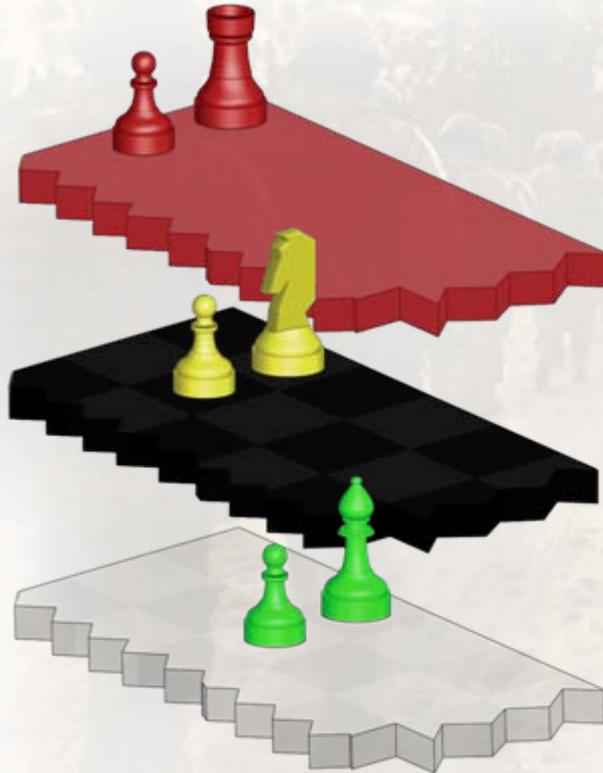
### Interoperability – Enhanced User Training and Test Capabilities

- Expansion of Training & Test Capabilities
- Enhanced Realism
- Functional Expansion
- Complex Environments
- More Detailed Modeling

### Common Products - Reduced Total Ownership Costs

- Increased Return on M&S Investments
- Systematic Reuse
- Faster Development
- Reduced Testing
- Reduced Support Cost

# Current State of M&S for Training



**LIVE**

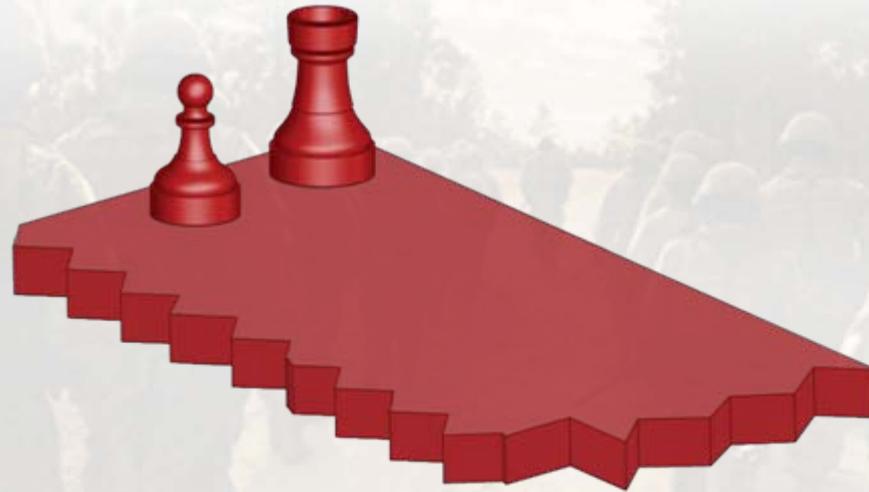


**VIRTUAL**



**CONSTRUCTIVE**

# Live Training



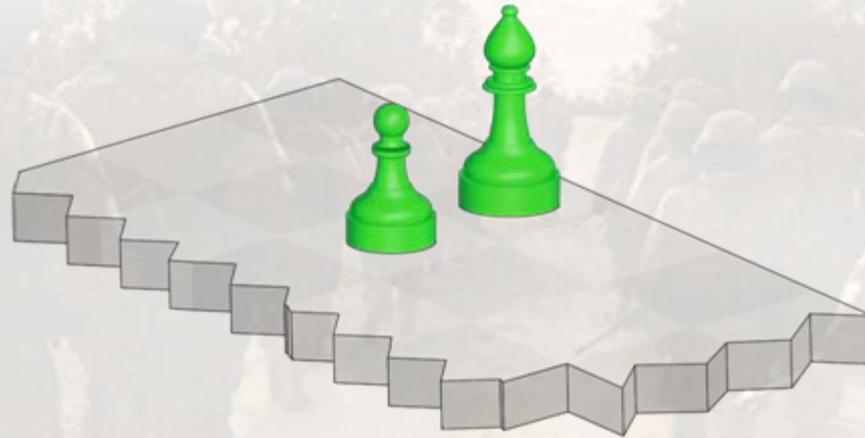
- Mission:** Live simulations involve real people training in a real physical environment.
- Major Systems:** MILES, HITS, OneTESS
- Key Enablers:** CTIA, TENA

# Virtual Training



- Mission:** Virtual simulators involve real people training with simulated equipment.
- Major Systems:** CCTT, AVCATT, CFFT
- Key Enablers:** SE Core, CGA, DIS

# Constructive Training



**Mission:** Constructive simulations involve simulated people operating in simulated environments.

**Major Systems:** OneSAF, WARSIM, JLCCTC

**Key Enablers:** HLA

# LVC + Battle Command



## **Integration of Battle Command:**

Real world tactical systems used in the training environment.

# Elements of LVC



## Enabling Technologies:

Each of the training domains provide unique complementary capabilities to the entire LVC training environment.

# The Integrated Vision



**A Common Operational Picture for all domains.**

# PEO Strategic Plan

**PEO Vision: The Center of Acquisition Excellence Providing Simulation, Training, and Testing Solutions for the Nation**

**PEO Mission: To provide responsive interoperable Simulation, Training, and Testing Solutions and Acquisition Services for the Warfighters and the Nation.**

ENDS

1.0 - Provide simulation, training, and testing products and services

2.0 - Expand beyond the traditional products and services

3.0 - Provide integrated and interoperable infrastructure

4.0 - Shape a "world class" workforce with acquisition, functional, and leadership skills

5.0 - Provide a full range of contracting and acquisition services for effective, efficient, & responsive life-cycle management

6.0 - Implement U.S. Army policy for acquisition of system training devices

WAYS

1.1 - Update and adhere to a disciplined acquisition process for the current fight and the future force

2.1 - Develop and promote extension of current products/ services/ components to traditional and non-traditional customers

3.1 - Develop I2AB Concept of Operations

4.1 - Perform workforce analysis

5.1 - Implement consistent policies and processes for the acquisition center

6.1 - Develop system training solution acquisition process to include internal and external environment

1.2 - Maintain and strengthen strategic alliances with stakeholders, users, & customers

2.2 - Analyze, evaluate and refine the PEO customer intake and transition process

3.2 - Define I2 program synchronization efforts

4.2 - Implement methods or processes to address workforce development and use

5.2 - Determine and develop contracting vehicles to improve PEO responsiveness

6.2 - Implement the process on pilot programs

1.3 - Improve internal And external communications vertically and horizontally

3.3 - Establish an interoperability baseline

4.3 - Develop a process for succession planning within the PEO

5.3 - Implement consistent acquisition policies and processes for other functional areas

6.3 - Publish the system training solutions process

3.4 - Define and institutionalize common components

3.5 - Define the resourcing strategy to support I2 execution

6.4 - Train the remainder of the workforce and stakeholders on the process

MEANS

Secure resources: human, financial, facilities, and technology to meet objectives

# PEO Strategic Plan



- ❑ Ends 1.0 Provide simulation, training and testing products and services
  - Disciplined acquisition process
  - Maintain and strengthen alliances with stakeholders, users, customers
  - Improve internal and external communications
- ❑ Ends 2.0 Expand beyond the traditional products and services
  - Extension of current products to traditional and non-traditional customers
- ❑ Ends 3.0 Provide integrated and interoperable infrastructure
  - Develop I2AB Concept of Operations
  - Define 12 program synchronization efforts
  - Establish interoperability baseline
  - Establish Common Components
  - Establish Resourcing Strategy

- Dialogue
- Partnership Survey

- Direct Mission Support Mission Shift
- 114% increase

- I2AB
- I2 POM Submission

# PEO Strategic Plan



- ❑ Ends 4.0 Shape a “world class” workforce with acquisition, functional and leadership skills
    - Perform workforce analysis
    - Implement methods or processes to address workforce development and use
  - ❑ Ends 5.0 Provide a full range of contracting and acquisition services for effective, efficient & responsive life-cycle management
    - Implement consistent policies and processes for the acquisition center
  - ❑ Ends 6.0 Implement U.S. Army policy for acquisition of system training devices
    - Develop system training solution acquisition process to include internal and external environment
    - Implement the process on pilot programs
    - Publish the system training solutions process
- **Acquisition Academy**
  - **100+ people involved in Strategic Plan**
  - **Org change**
  - **HCA**
  - **401 contracts converted**
  - **Army contracts policy adherence**
  
  - **AAE Acquisition of System TADSS policy**