



DEFENSE
M&S
CONFERENCE
Orlando 2008



Team Orlando Panel
How Materiel Developers
“Get It Done”

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The Early Days - Live



The Early Days - Virtual



VIRTUAL

The Early Days - Constructive



FIRST BATTLE

ARTBASS

PEGASUS

CONSTRUCTIVE

The Early Days (cont.)



link trainer

VIRTUAL

SIMNET

COFT

"PINE LOG"
MACHINE GUN

LIVE

REALTRAIN

MILES

FIRST BATTLE

CONSTRUCTIVE

ARTBASS

PEGASUS

Domains



VIRTUAL

LIVE

CONSTRUCTIVE

Advancements

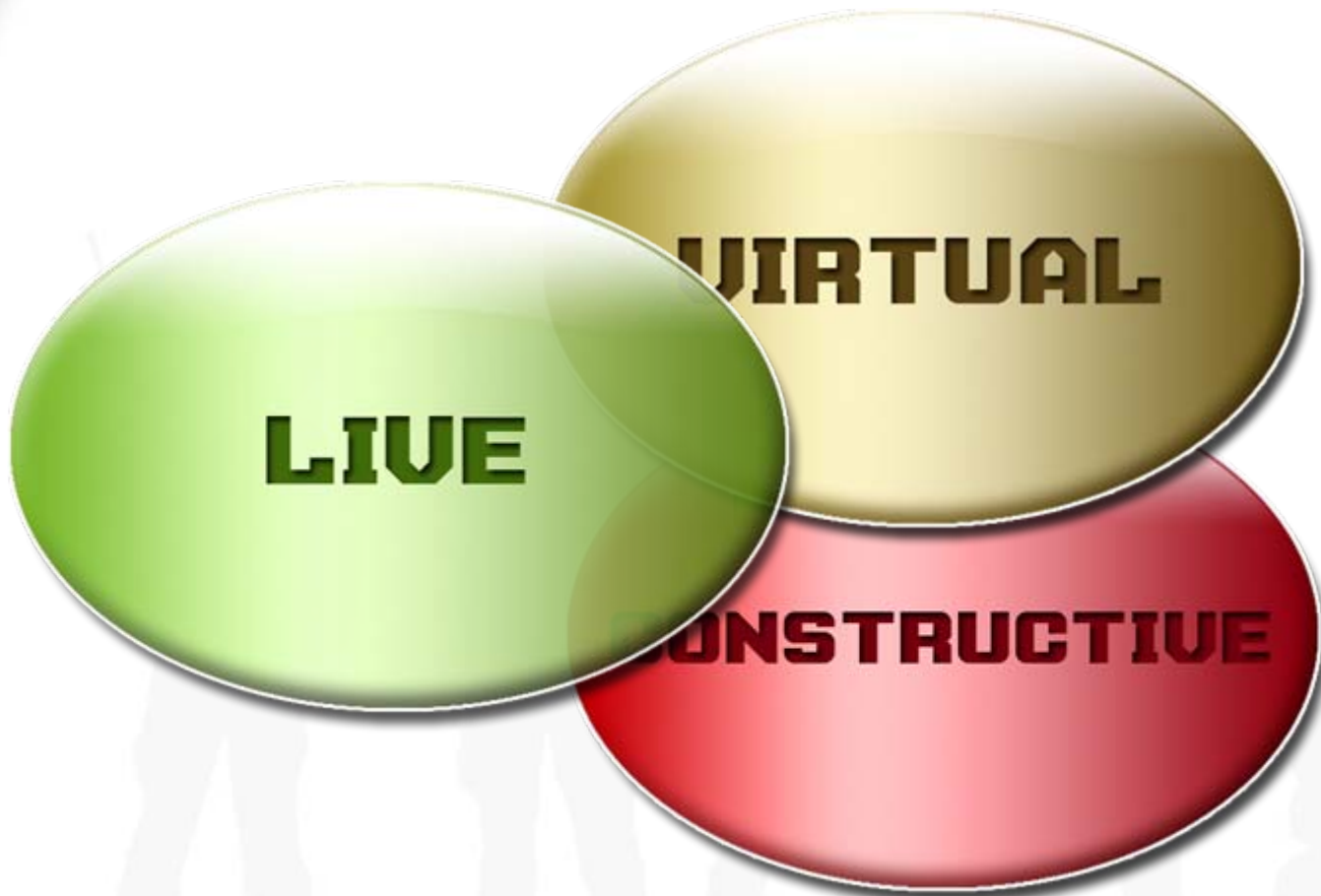


VIRTUAL

LIVE

CONSTRUCTIVE

Near Term Advancements



Live



Live Training Transformation

Common Training Instrumentation Architecture (CTIA)
Combat Training Center Objective Instrumentation System (CTC OIS)
Digital Range Training Systems (DRTS)
One Tactical Engagement Simulation System (OneTESS)

Virtual



Synthetic Environment - Core

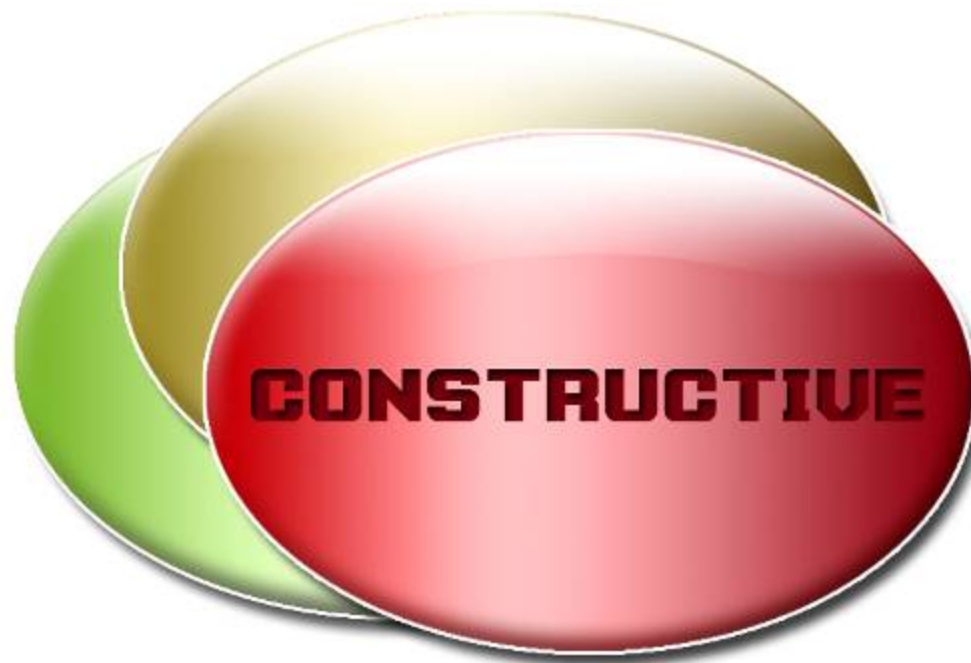
Architecture & Integration

Virtual Simulation Architecture (VSA)

Common Virtual Environment (CVE)

Database Virtual Environment Development (DVED)

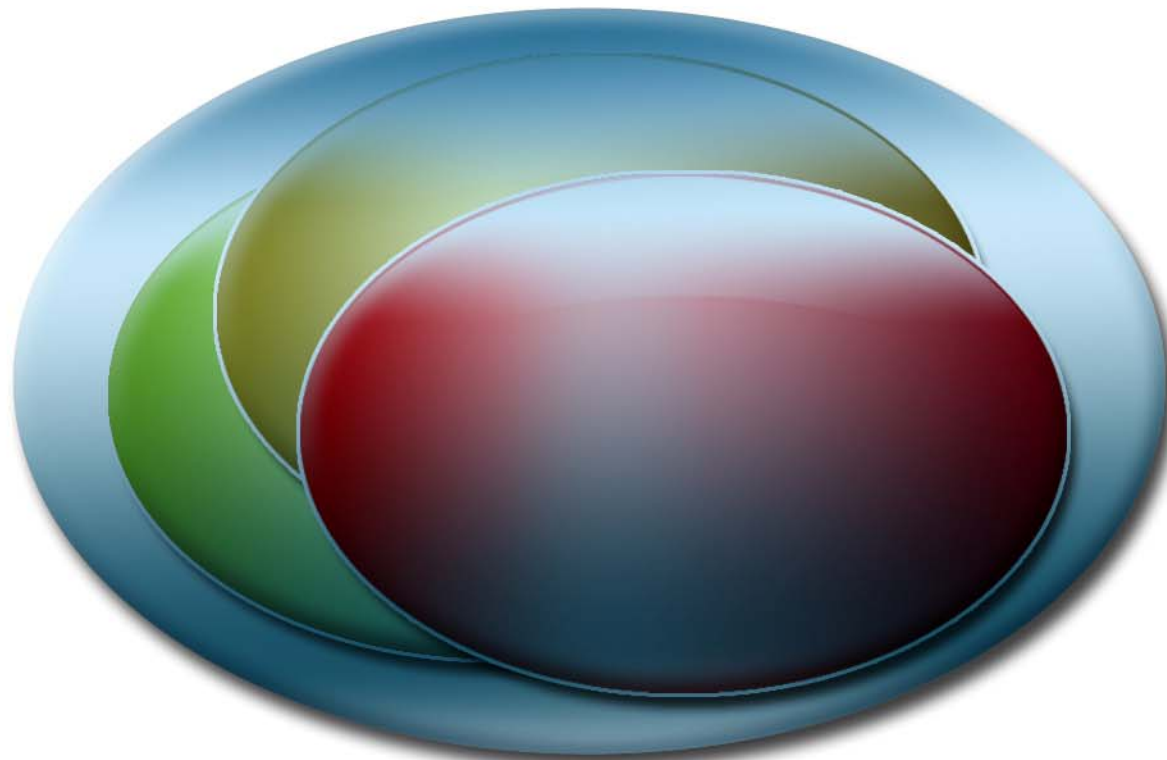
Constructive



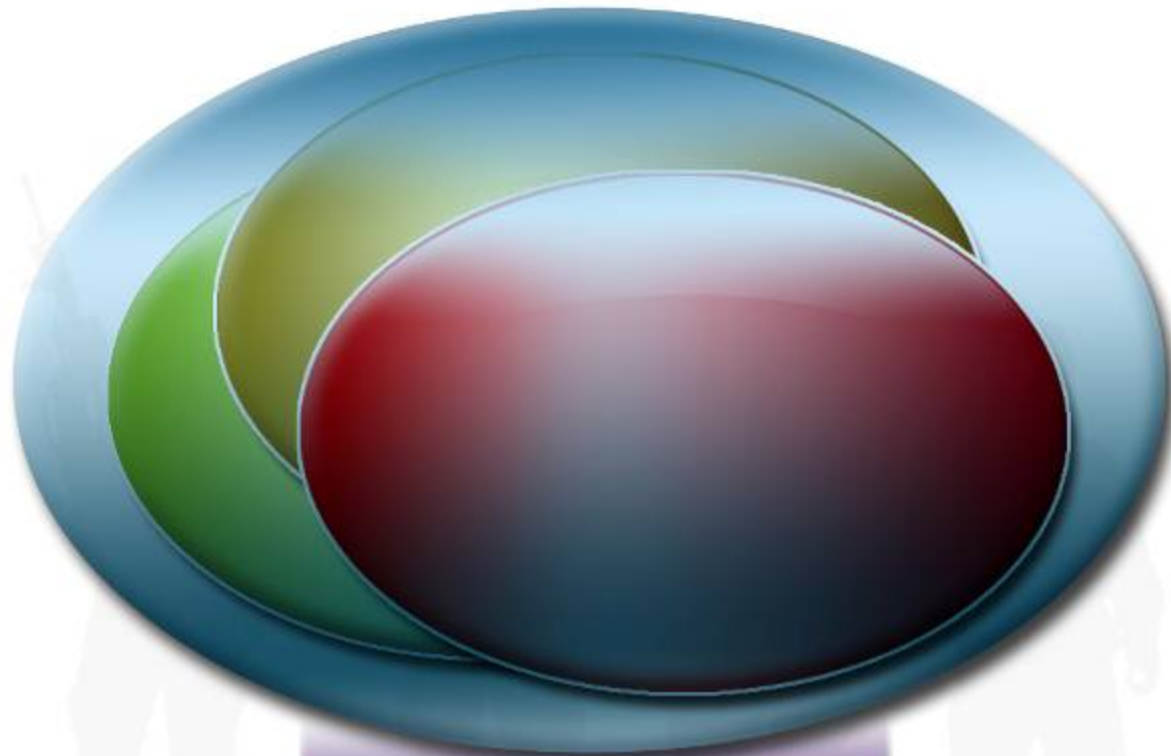
Joint Land Component Constructive Training Capability

Multi Resolution Federation (MRF)
Entity Resolution Federation (ERF)

Test



Near Term Objectives



FCS Training Systems IPT

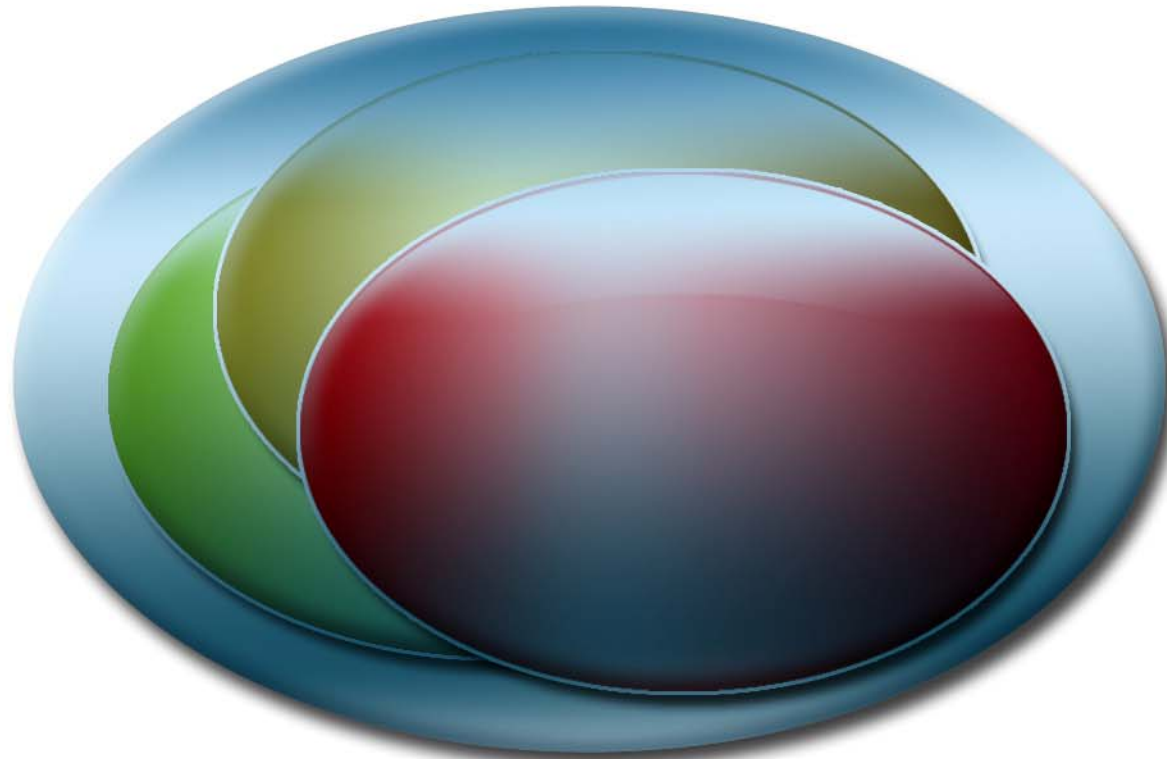
Future Combat Systems

Integration and Interoperability Advisory Board



- Crosses all Project Management boundaries.
- Facilitate integration and interoperability of programs and systems.
- Evolve from a concept to executable implementation plans and artifacts.
- Provide technical and programmatic guidance and recommendations to Deputy PEO STRI.
- Leverage efforts and products across the M&S community.
- Baseline, track and manage configuration.
- Define policy changes for PEO STRI **across** the PEO.

Near Term Objectives



Where We Are Headed



Where We Are Headed



**Common APIs,
& Protocols**

Common Components

Architectures

Interoperable Applications

C4I Adapter, SNE, AAR, Scenario Generation

CTIA, VSA, OneSAF

**Gunnery Trainers, Staff Trainers,
Virtual Trainers**



Where We Are Headed



- Internal analysis (matrix).
- I2AB – Highly persistent capability hardened over time.
- Highly leveraged investments.
- System and non-system oversight.
- Collaboration with JFCOM and JWFC.
- Test and Training interaction.

**Common APIs, DIFs,
& Protocols**

Common Components

Architectures

Interoperable Applications

DIS, HLA

C4I Adapter, SNE, AAR, Scenario Generation

CTIA, VSA, OneSAF

**Gunnery Trainers, Staff Trainers,
Virtual Trainers**





PEO STRI

MISSION FIRST ★ PEOPLE ALWAYS

ARMY STRONG.



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