Team Orlando Panel
How Materiel Developers “Get It Done”

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### Report Documentation Page

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Standard Form 298 (Rev. 8-98)
Prescribed by ANSI Std Z39-18
The Early Days - Virtual

- Link Trainer
- COFT
- SIMNET
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**
- **Arbass**
- **Pegasus**
Domains

VIRTUAL

LIVE

CONSTRUCTIVE
Advancements

LIVE

VIRTUAL

CONSTRUCTIVE
Near Term Advancements

LIVE
VIRTUAL
CONSTRUCTIVE
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)
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

Interoperable Applications
- Gunnery Trainers, Staff Trainers, Virtual Trainers

Architectures
- CTIA, VSA, OneSAF

Common Components
- Architecture

Common APIs, & Protocols
- S4I Adapter, SNE, AAR, Scenario Generation

Interoperable Applications
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
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