

2015 TSIS ITE Panel Slides



PEO STRI
Robert Parrish/Harry Sotomayor
18 June 2015



Synthetic Training Environment (STE) OV-1

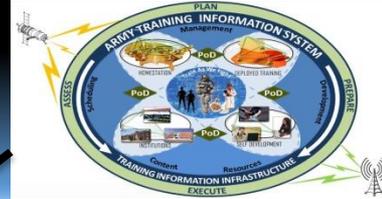


Live Force-on-Target

Live Force-on-Force

Virtual Targets

Live/Synthetic Force-on-Force



CTIA



- Management (mgt)
- Scheduling
- Content Mgt
- Development
- Resource Mgt

Ground Company and Below In Vehicle



Feed MC Visualization Interactions

@ Motor Pool

Increment 4

Institutional, Self-development and Operational



Single Synthetic Environment Delivered to the Point of Need

Multi-Echelon Collective Training

All Wff

Full OE, Cyber

Human Dimension

Joint

Company and Below Semi-immersive

Feed MC Visualization Interactions



@anywhere

Increment 1

BDE and Above CP/TOC



@ MTC/CTC/Home Station/Deployed

Increment 3

Company and Below Immersive



@anywhere

Increment 2

Dismount Company and Below Immersive



@anywhere





Collaborative Environment

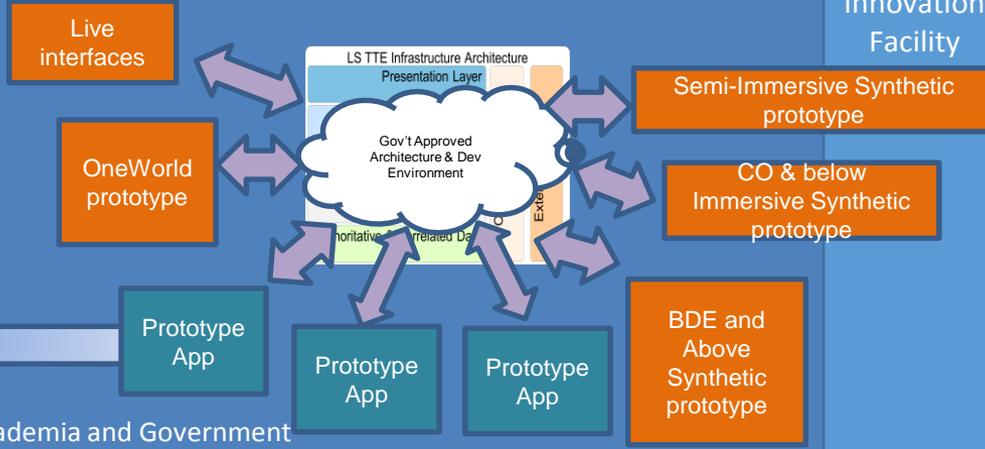
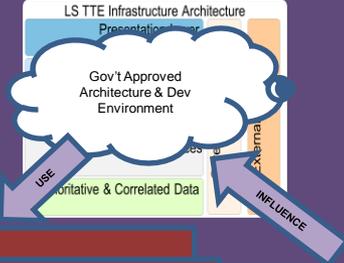


Collaborative Cloud Development Environment (CCDE)

Collaborative Integration Facility (CIF)

CAC-T Innovation Facility

Design Cell



STR



ARL

MITRE

S&T and R&D Industry, Academia and Government Developer

Prototype App

Prototype App

Prototype App

Prototype App

Industry, Academia and Government

Requirements / Technology Convergence Cycle

Requirements Definition

Architecture

CONOPS

Demonstration

Continuous Operational, Technical and Affordability Evaluation

Technology Research and Planning

S&T and R&D Development

Integration

STE App View						
Collective	MC Interface	Web Interface				
Gnd Vehicle	Driver View	Gunner View	Vehicle Control	Weapon Control		
Air Vehicle	Cockpit View	AC Control	Weapon Control			
Squad/Ind	3D Viewer	Motion Control	Weapon Control			
Live	AR Goggles	Electronic Bullet	IF Weapon Effects	DF Weapon Effects		
Tech Ops	Monitor	Control	Resource Mgt			
TII	Update Records	Query Records	Identify Tng Needs			
Scheduler	Network	Facilities	Ranges	People		
Plan/Prepare	Web GUI	WTSP	Terrain	Platform Data	Weapon Data	Data Export
Services	Logistics	Maneuver	Line-of-Sight	Combat	BDA	Environment
Network	LandWarNet	SIPR	NIPR	JIE	Tactical	