

PEO
STRI

TRAINING & SIMULATION

INDUSTRY SYMPOSIUM



COL Karen Saunders
Project Manager ConSim
Update for IITSEC



SE Core Database Virtual Environment Development (DVED) and Architecture & Investment (A&I)



Description/Summary of Program Requirements:

SE Core is building the Army's Common Virtual Environment (CVE) to link virtual simulation devices into an integrated and interoperable training system. SE Core is comprised of two complementary efforts:

- The **DVED** project produces terrain databases and common visual models for consumption by virtual and constructive training systems. It will continue to refine the production process by the development of tools and processes that will enable DVED to reduce production time while improving quality. Other activities include dynamic environment development, sensor algorithms, and support to the virtual simulation architecture. This lays the foundation for a fair fight capability within the LVC-TE.
- The **A&I** project will continue to integrate and update virtual training requirements into a common SAF (currently OneSAF) and assist in the replacement of current SAF(s). SE Core will build and expand on its current product line of common components i.e., After-Action Review (AAR) and network protocols & infrastructure; support / development of common products, processes, protocols & specifications; link virtual training systems in a CVE; enable fair fight interoperability between virtual simulations; and facilitate interoperability of virtual training simulations to the LVC-TE.

Acquisition Strategy	Period of Performance	Milestones
<ul style="list-style-type: none"> • Competitive (Outside of STOC) • Single Award 	<ul style="list-style-type: none"> • Base period: Jan 11 – Jan 12 • Four option years 	<ul style="list-style-type: none"> • RFP released 19 Oct. 2010 • Contract Award – Jan 2011
Point of Contact	Funding	Current Contract/Original Developer/OEM (if recompetete)
Name: John H. Womack Organization: PM CATT / APM SE Core Phone: (407) 384-3572 Email: John.H.Womack@us.army.mil	<ul style="list-style-type: none"> • R&D / O&M > \$83M 	<ul style="list-style-type: none"> • DVED – DO under STOC I (CAE) • A&I – DO under STOC I (SAIC)



Joint Land Component Constructive Training Capability (JLCCTC)



Description/Summary of Program Requirements:

- A software modeling and simulation capability that provides appropriate levels of model and simulation resolution and fidelity to support unit battle staff collective training. This system of systems provides accurate representations of tactically and operationally relevant land warfare operations executed in a contemporary Joint operating environment/context. JLCCTC is the Army's constructive simulation toolkit, supporting institutional and operational unit training for both active component and reserve component units providing capabilities across Full Spectrum Operations.
- Currently, JLCCTC is comprised of a Multi-Resolution Federation (MRF) and an Entity Resolution Federation (ERF). Future plans are to combine the capabilities into a Single Federation toolkit (Unified Constructive Architecture).
- Desired efforts would include Development, Pre-Planned Product Improvements (P3I), and Post Deployment Software Support (PDSS).

Acquisition Strategy	Period of Performance	Milestones
<ul style="list-style-type: none"> • Market Research under way • Industry Day scheduled for 9 Dec '10 • Anticipate full and open competition 	<ul style="list-style-type: none"> • Anticipate 2 year base with three 1-Year options 	<ul style="list-style-type: none"> • Draft RFP release ~ 2QFY2011 • Final RFP release ~ 3QFY2011 • Anticipate award ~ 4QFY2011
Point of Contact	Funding	Current Contract/Original Developer/OEM (if recompetete)
Name: Mike Haddad Organization: PM ConSim Phone: (407) 384-3853 Email: mike.haddad@us.army.mil	<ul style="list-style-type: none"> • Anticipate \$15M - \$30M per year (mission and customer funding) 	<ul style="list-style-type: none"> • LM STS – C type contract • Tapestry - STOC II DO • BAH – STOC II DO

One Semi-Automated Forces



Description/Summary of Program Requirements:

- A composable, next-generation simulation for Computer Generated Forces (CGF) designed for brigade and below, combat and non-combat operations. Represents a full range of operations, systems and control processes in support of simulation applications applied to Advanced Concepts and Requirements (ACR); Research, Development and Acquisition (RDA); and Training, Exercise, Military Operations (TEMO). OneSAF is designed to meet the constructive training challenges presented by transformation. OneSAF is a Tier-1 FCS complementary program.
- Full range of Warfighter Functional Area representations
- High fidelity environmental representation
- Next generation Product Line Architectural Framework (PLAF):
 - composability at entity, unit and system levels
 - interoperable using DoD / industry standards
- Operating System Independent (Linux, Windows) SW only
- Common Components: Environmental Runtime Component(ERC)/C4I Adapter

Acquisition Strategy <ul style="list-style-type: none"> • Re-compete under STOC II – Two Awards • Full and Open Lot - Production of OneSAF Capabilities • Small Business Set-Aside - Integration, Interoperability, and Support (I2S) 	Period of Performance <ul style="list-style-type: none"> • Five Year Period of Performance 	Milestones <ul style="list-style-type: none"> • I2S RFP Release - Nov 2010 • OneSAF RFP Award - Feb 2011 • Transition - Mar 2011
Point of Contact <p>Name: Tim Borowski Organization: PEO STRI Acquisition Center Phone: (407) 384-4928 Email: tim.borowski@us.army.mil</p>	Funding <ul style="list-style-type: none"> • Funding includes RDTE and OMA <ul style="list-style-type: none"> • A&I, M&T, ERC = \$37M • C2 = \$3.5M • AAR/MSDE = \$2.1M • Customer = \$40 - \$60M 	Current Contract/Original Developer/OEM (if recompile) <ul style="list-style-type: none"> • STOC I <ul style="list-style-type: none"> • SAIC - A&I, M&T, ERC • NGIT - C2 Component • CAE - AAR/MSDE