



TRAINING & SIMULATION

INDUSTRY SYMPOSIUM



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OneSAF

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One Semi-Automated Forces



The Program Objectives are:

- (1) Provide a capability that supports the SAF requirements of the entire Army and fosters an effective process for configuration management.
- (2) Reduce life-cycle costs for development, operations and support of SAF capabilities.
- (3) Avoid duplication of SAF development for like requirements.
- (4) Enable credible federations of simulations to be built with SAF and the next-generation M&S programs by facilitating their commonality, interoperability and shared use.

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

- 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

- Five Year Period of Performance

Milestones

- RFP Release - Jun 2010
- Award - Nov 2010
- Transition - Dec 2010

Point of Contact

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Funding

- Funding includes RDTE and OMA
 - A&I, M&T, ERC = \$37M
 - C2 = \$3.5M
 - AAR/MSDE = \$2.1M
 - Customer = \$40 - \$60M

Current Contract/Original Developer/OEM (if recompile)

- STOC I
 - SAIC - A&I, M&T, ERC
 - NGIT - C2 Component
 - CAE - AAR/MSDE

One Semi-Automated Forces (OneSAF)



Description:

The OneSAF system is a composable, next generation Computer Generated Forces (CGF) simulation that represents a full range of operations, systems, and control processes from individual combatant and platform to brigade level, with a variable level of fidelity that supports all Modeling and Simulation (M&S) domains. It accurately and effectively represents specific activities of ground, air, sea, and space warfare (engagement and maneuver), Command, Control, Communications, Computers, and Intelligence (C4I), combat support, and combat service support. It also employs appropriate representations of the physical environment and its effect on simulated activities and behaviors. Contract award is scheduled for first quarter FY11.

Acquisition Strategy – STOC II

- Full and Open Competition for Production DO
- Small Business Set-aside for I2S DO
- Not finalized.

Funding

- | | |
|--|--|
| <input type="checkbox"/> > \$1M | <input checked="" type="checkbox"/> RDTE |
| <input checked="" type="checkbox"/> > \$10M | <input checked="" type="checkbox"/> OMA |
| <input checked="" type="checkbox"/> > \$100M | <input type="checkbox"/> OPA |

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Milestones

3QFY10



RFP

1QFY11



Contract
Award