

ONE SEMI-AUTOMATED FORCES (ONESAF)



ARMY AL&T



DESCRIPTION

One Semi-Automated Force (OneSAF) is a computer-generated forces simulation that provides entity-level models and behaviors that are both semi-automated and fully automated applications designed to achieve Army readiness. As a cross-domain simulation, OneSAF supports the training, test and evaluation, analysis, intelligence, acquisition and experimentation communities by providing the latest physics-based modeling and data, enhanced data collection, and reporting capabilities. OneSAF models real-world representations of platforms, Soldiers, equipment, logistical supplies, communications systems and networks, emerging threats

and aviation assets to achieve the level of fidelity required for a particular application or scenario.

OneSAF was created to be uniquely capable of simulating aspects of the urban operating environment and its effects on simulated activities and behaviors. OneSAF is unique in its ability to model unit behaviors from fire team to company level for all units in both combat and noncombat operations. Intelligent, doctrinally correct behaviors and a range of constructive, gaming and virtually based user interfaces are provided to increase the span of control for workstation operators.

OneSAF won the 2017 Army Modeling and Simulation (M&S) award in a cross cutting team category for Joint Program Executive Office for Chemical, Biological, Radiological, Nuclear Defense (JPEO-CBRND) behaviors and effects implemented. OneSAF is also currently involved in the following Cross Functional Teams (CFTs) of Synthetic Training Environment (STE); Soldier Lethality; and Positioning Navigation Timing (PNT).

BENEFIT TO THE SOLDIER

OneSAF provides a transparent training environment for today's commanders and their battle staffs by utilizing current Mission Command Systems, and eliminates the need for multiple simulation tools across analysis, experimentation, test and evaluation, training, intelligence and acquisition modeling and simulation communities.

SPECIFICATIONS

- Software-only program
- Uses controlled unclassified information
- Computer-generated forces simulation
- Standards-based architecture

PROGRAM STATUS

FY18:

- **January – October:** JLCCTC v8.1/ESS Fielding and First Use Support
- **July – October:** Network Integration Event (NIE) 18.2 Support

- **August:** Release of OneSAF v8.8
- **September:** BLCSE Unified Challenge 18.3 execution support in Ft Sill, OK and Ft Benning, GA
- **September:** Support Joint US/SE CPX execution
- **October:** OneSAF Training at Ft Riley, KS
- **October – November:** NIE 18.2 Operation Test and Evaluation (OT&E) Support
- **December:** Award of OneSAF production and support contract.

PROJECTED ACTIVITIES

FY19:

- **4th QTR:** v8.9
- **4th QTR:** Unified Challenge Support

FY20:

- **3rd QTR:** v9.0

+ Foreign Military Sales

+ Contractors

+ PEO

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