

Request for Information (RFI)

Army Tactical Engagement Simulation System (A-TESS)



PM Live Training System (PM LTS)
SFAE-STRI-TRADE-LT
12350 Research Parkway
Orlando, FL 32826
March 19, 2013

Industry Day, Summer 2013

18 April 2013

1. A-TESS Executive Summary

The Army will use Army-Tactical Engagement Simulation System (A-TESS) to conduct live Force-on-Force (FOF) training for Brigade Combat Teams (BCTs), battalions, companies, platoons, squads, crews and individuals beginning in Fiscal Year (FY) 2017. A-TESS will support all FOF Live Combined Arms Training Strategies. Units will use A-TESS to train on mission-essential tasks. When used with an Instrumentation System (IS), A-TESS will provide the engagement data to the IS for use in developing the After Action Review (AAR). A-TESS will be used to train special operations units, fires units, mobility units, and sustainment units. A-TESS will support the execution of five principle-training environments. These are: Institutional, maneuver Combat Training Centers (CTCs), Home Station (HS), deployed training sites, and Regional Training Centers (RTCs). As A-TESS matures, it will exponentially enable live Force on Force (FOF) training anytime and anywhere.

A-TESS will be an evolutionary, not a revolutionary, development in Tactical Engagement Simulation systems (TESS). A-TESS will initially combine the Instrumentable-Multiple Integrated Laser Engagement System (I-MILES) and One-Tactical Engagement Simulation System (OneTESS) Programs of Record (PORs) into a single POR. The Army will base A-TESS on components developed for those systems, found in the Live Training Transformation Family of Training Systems (LT2-FTS) product line. A-TESS will contribute new products to the LT2-FTS product line to ensure interoperability with the Live, Virtual and Constructive Integrated Training Environment (LVC-ITE).

Incrementally, A-TESS will provide new and improved capabilities for direct and indirect fires, pre-surgical casualty assessment, improved battle damage assessments with equipment damage and maintenance status, grenade launchers, Counter Defilade Target Engagement System (CDTES), air defense, aviation, unmanned systems (ground and air), mine/mine sensors/mine clearing, non-lethal, directed energy, active protection systems. A-TESS will provide the open architectural framework to ensure interoperability and compatibility with existing I-MILES and future tactical engagement simulation systems (TESS), Instrumentation Systems (IS), constructive and virtual simulations and joint training systems.

A-TESS capabilities will evolve as IS, Army combat systems, tactical communications, and constructive and virtual training system capabilities evolve. The open architectural framework will enable PMs to develop and integrate A-TESS components into their systems.

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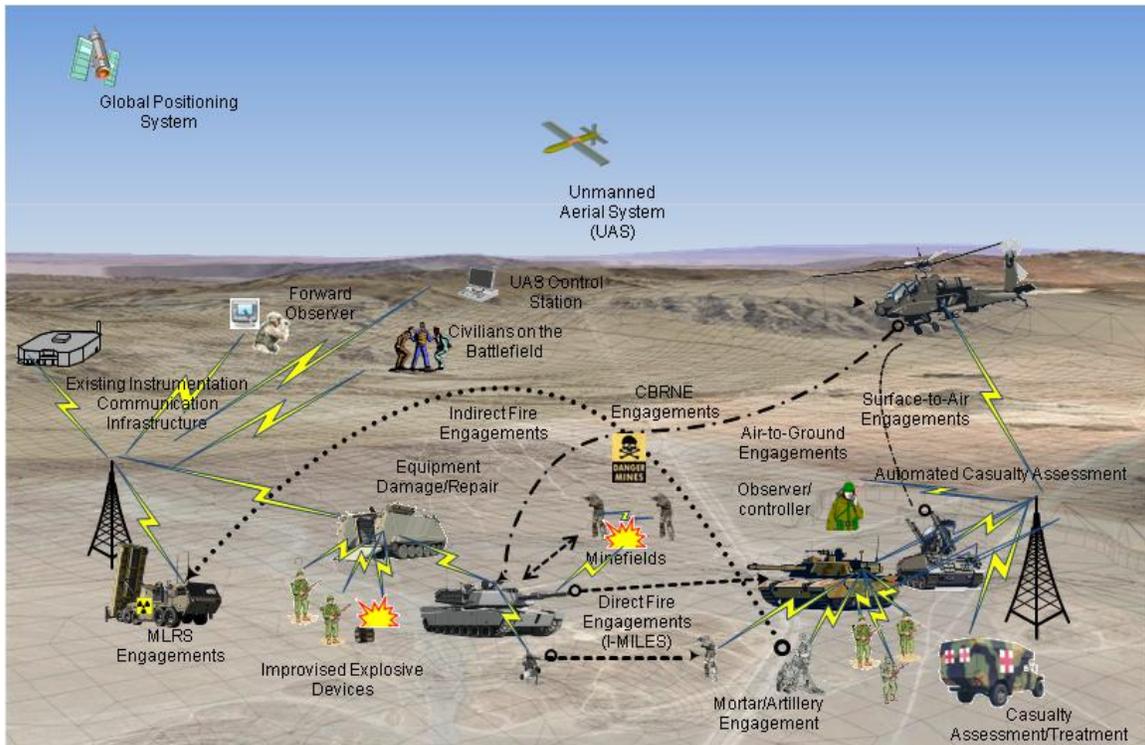


Figure 1 - A-TESS Operational View (OV-1)

1.1. Industry Day Information Request

PM TRADE will host be hosting an Industry Day on 9 May 2013, with the intent of conducting an open and active discussion on A-TESS, it's relationship to I-MILES and OneTESS as well an energizing technical discussion on the following current investment pillars of A-TESS:

1. Consolidated Product Line Management.
2. Architecture.
3. Live Training Engagement Composition.
4. Test & Training.
5. Test Beds.

PM TRADE will be providing four (4) collaboration opportunities. These will be industry's opportunity to help shape, not only the A-TESS acquisition, but also the Program Management Office's organizational structure.

Industry is encouraged to confirm their schedules with Mr. Kyle Platt (A-TESS Project Director) between 25 April 13 and 7 May 13 to facilitate an active, fruitful discussion. The A-TESS industry day has been coordinated with APM TRADE to directly follow the Standards Industry Day on 7-8 May 2013.

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1.2. Attachments

The Government has prepared a briefing to support the direction and discussions of Industry Day. Please visit the PEO STRI Business Opportunities Portal (STRI BOP) at the following address for the latest revision, <https://bop.peostri.army.mil/sites/bop/default.aspx>.

1.3. Data Rights

Proprietary information, if any, should be minimized and **MUST BE CLEARLY MARKED**. To aid the Government, please segregate proprietary information. Please be advised that all submissions become Government property and will not be returned.

2. Registration

Each industry partner is requested to register with Mr. Kyle Platt (A-TESS Project Director) and Ms. Leslie Nolin, no later than COB 7 May 2013. Please provide the below requested registration information, via email, to Kyle.Platt@us.army.mil and Leslie.Nolin@us.army.mil.

1. Organization Name.
2. Names and Titles of Attendees.
3. Number of Attendees.
4. Point of Contact (Name, Title, Address, Phone/Fax, Email).

Questions or comments regarding this effort should be directed to Mr. Kyle Platt at (407) 384-3912.

2.1. Event Coordination and Parking Information

What: A-TESS Industry Day, Summer 2013
When: 9 May 2013
Time: 0830 - 1630
Where: Air Force Agency for Modeling & Simulation (AFAMS)
Bishop Conference Room
3051 Technology Parkway
Orlando, FL 32826

Parking Instructions – Participants should park in the lot west of the main gate and walk to PIII (reference parking map). Parking in other lots may result in your vehicle being towed.

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Parking Pass

for DoD Events at the Partnership Buildings complex

Print and use this pass to guide you to uncongested free DoD Event Parking at the corner of Technology Parkway and Science Drive.



Park in the DoD Event Parking lot and enjoy a short walk north on Technology Parkway to your meeting. With proper authorization you also may enter other DoD areas from this location.