

PM Logistics Information Systems Standard Army Maintenance System-Enhanced



Program Executive Offices Display Latest Efforts for Soldiers at AUSA 2006

Meg Williams and Kellyn D. Ritter
U.S. Army photos by Richard Mattox, PEO EIS/USAASC

Four program executive offices (PEOs) promoted their programs and products at the 2006 Association of the United States Army (AUSA) Annual Meeting & Exposition, Oct. 9-11, in Washington, DC. The annual meeting theme, "Call to Duty: Boots on the Ground," attracted more than 27,000 attendees and gave the PEOs a chance to explain what they do for Soldiers to military, civilian and industry members.

PEO EIS's Meagan Considine briefs MG Conrad W. Ponder Jr., Chief Integration Officer, Chief Information Office, G-6, on the PM Logistics Information Systems at PEO EIS's booth.

PEO EIS CATALOG
Program Executive Office Enterprise Information Systems



PEO Enterprise Information Systems (EIS)



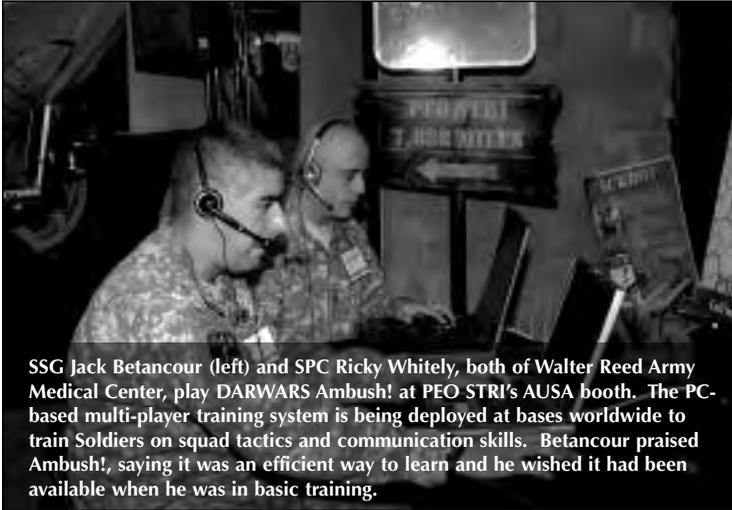
PEO EIS set up a comprehensive display of 16 information system demonstrations at its booth, featuring the U.S. Army Enterprise Solutions Competency Center, World Wide Satellite Systems (WWSS), Single Army Logistics Enterprise and Army Small Computer Program, among other Army information and business systems.

PEO EIS also featured activities in the Project Manager (PM) DOD Biometrics booth, Product Director General Fund Enterprise Business Systems booth and Product Manager Joint-Automatic Identification Technology booth.

PEO EIS, which designs and implements the Army's enterprise resource planning (ERP), oversees the Enterprise Solutions Competency Center (ESCC), a centralized organization providing support for all Army enterprise solutions involving ERP and service-oriented architecture (SOA) initiatives. ESCC offers three core services:

- ERP/SOA Consultancy — providing unbiased ERP/SOA subject matter experts for consultation to Army enterprise solution initiatives and implementations.
- ERP/SOA Laboratory — leading-edge equipment and software for the purpose of demonstration and research.
- ERP/SOA Education — offering an ESCC Web site, supporting documents, references, tools, techniques, templates, delivery of relevant training and education sessions.

PEO EIS announced that the Army recently awarded a WWSS contract



SSG Jack Betancour (left) and SPC Ricky Whitely, both of Walter Reed Army Medical Center, play DARWARS Ambush! at PEO STRI's AUSA booth. The PC-based multi-player training system is being deployed at bases worldwide to train Soldiers on squad tactics and communication skills. Betancour praised Ambush!, saying it was an efficient way to learn and he wished it had been available when he was in basic training.

that allows DOD and non-DOD federal agencies to purchase commercial satellite terminals and associated services under a streamlined delivery order process from six prequalified vendors. The firm-fixed-price, indefinite delivery indefinite quantity contract, developed under a partnership between the PM Defense Communications and Army Transmission Systems and the PM Warfighter Information Network-Tactical, has a multibillion-dollar ceiling over a 5-year term. Each contract vendor will be required to provide comprehensive turnkey solutions — from satellite communications systems hardware to logistics support — for a myriad of commercial satellite terminal configurations.

PEO Simulation, Training and Instrumentation (STRI)



PEO STRI promoted its newest virtual simulation technology, the One Semi-Automated Forces (OneSAF) Objective System (OOS) software, at AUSA. After six years of development, OOS version 1.0 was released Sept. 29 and a release ceremony was held Oct. 2 at the Air Force Agency for Modeling and Simulation (M&S), Orlando, FL.

OOS enables Soldiers to experience war-like situations before actual

deployment so they are better acquainted with the terrain, environment and locality once they arrive in theater, and can be more effective in performing their mission. A tactical combat simulation, OOS mimics battle sit-

uations ranging from individual troop movements through brigade level maneuver. The vast amount of real-life war experiences used in the game are extraordinarily accurate because the technology uses digitized military maps and electronic data taken from units already deployed in those areas.

The acute accuracy of OOS's simulation environments enables commanders to plan and practice battle situations and field exercises with their Soldiers, relying on maps of the actual terrain the troops use once deployed. This reduces Soldiers' injuries and casualties because Soldiers are familiar with their surroundings and battle tactics before arriving overseas.

The OOS program will play an immediate and effective role in Army troop training. The Army plans to use OOS everywhere, including simulation and in field technologies. Every Future Combat System (FCS) designed to advance training capability will use OOS as part of its training. PEO STRI's Product Manager for OneSAF will manage the software implementation and distribution.

OOS development promises further advancement in simulation technology for the Armed Forces. "In terms of simulation capability — the future looks very bright," explained Dr. James T. Blake, Program Executive Officer for PEO STRI. "We just approved the release of a scalable, composable simulation capability that addresses the full spectrum of military modeling and simulation needs. OOS will be the central element of the Army's embedded training efforts."

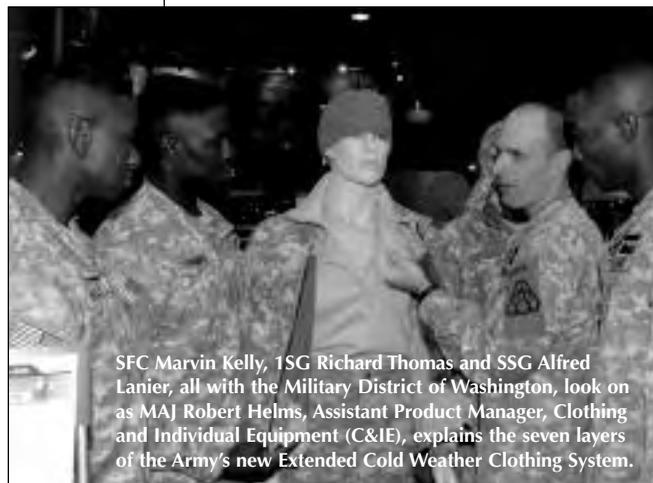
PEO Soldier



One of AUSA's busiest PEO exhibits was that of PEO Soldier, with its equipment, weapons, new uniforms and bomb suits. LTC Jonathan D.

Long, Deputy Product Manager, Soldier Survivability, explained that in August 2006, PEO Soldier consolidated all ballistics and Soldier survivability programs under one shop — Product Manager Soldier Survivability, under PM Soldier Equipment. "This brings our technical expertise for survivability into one place," he said. "Everything that directly saves lives — next-generation Army Combat Helmets, Interceptor Body Armor, Enhanced Small Arms Protective Inserts — are together now."

This includes the Cupola Protective Ensemble, a new blast-protection uniform



SFC Marvin Kelly, 1SG Richard Thomas and SSG Alfred Lanier, all with the Military District of Washington, look on as MAJ Robert Helms, Assistant Product Manager, Clothing and Individual Equipment (C&IE), explains the seven layers of the Army's new Extended Cold Weather Clothing System.



From left, LTC John Lemondes, Product Manager, C&IE, and MAJ Robert Helms, Assistant Product Manager, C&IE, discuss the benefits of the Army's new Extended Cold Weather Clothing System with BG R. Mark Brown, then U.S. Army Research, Development and Engineering Command Commanding General, during the 2006 AUSA Annual Meeting.



COL Lloyd McDaniels (left), PM, IAMD, speaks with BG Mike Cannon, PEO MS, at PEO MS's AUSA booth. PEO MS is applying an SoS acquisition approach, and the IAMD Project Office is ensuring that the IAMD systems-of-systems fights cooperatively and cost effectively.

designed to protect U.S. forces that operate crew-served, weapon-ring mount cupolas on Humvees, 5-ton trucks and Strykers from blast over-pressure and fragmentation effects of rocket-propelled grenades and improvised explosive devices.

Soldiers were drawn to PEO Soldiers' mannequins outfitted in new uniforms. The improved combat vehicle crewman coverall provides protection from flame and flash fires in all weather conditions. The new Army Combat Uniform is the culmination of many suggestions made by Soldiers and months of research and development. The blue Army service uniform streamlines the number of service uniforms to one and reduces the burden on Soldiers to maintain more than one service uniform.

Long embodied the Army Acquisition Corps' willingness to go the distance for Soldiers on the field. "There's still more we can improve on to address next-generation threats. We can work toward making all our items better — lighter, smaller and more cost-efficient to produce," he said.

PEO Missiles and Space (MS)

PEO MS provides centralized management for all tactical and air defense missile programs.



Its portfolio of programs spans the full spectrum of the acquisition process from system development to production, fielding and sustainment. PEO MS is applying a system-of-systems (SoS) acquisition approach to meet current warfighter requirements and obtain the desired capabilities of the Army air and missile defense Future Force.

The Integrated Air and Missile Defense (IAMD) Project Office is ensuring that the IAMD systems-of-systems fights cooperatively and cost effectively within the Joint, Interagency, Multi-national SoS by integrating analytical efforts, standardizing verification methodologies, consolidating simulations and test resources, and optimizing test/exercise risk mitigation value.

PEO MS has been instrumental in developing hit-to-kill (HTK) technology used in the Patriot Advanced Capability-3 (PAC-3) missile. The missile employs HTK technology for greater lethality against tactical ballistic missiles armed with weapons of mass destruction. PAC-3 also counters advanced cruise missile and aircraft threats.

The Cruise Missile Defense Systems (CMDS) Project Office provides support to protect the maneuver force and other critical assets against cruise missiles, unmanned aerial systems, and rotary- and fixed-wing aircraft. CMDS consists of Joint Land Attack

Cruise Missile Defense Elevated Networked Sensor, Sentinel Radar, Surface-Launched Advanced Medium Range Air-to-Air Missile, Stinger based Avenger and Man-Portable Air Defense system. System features will provide the maneuver commander with low-altitude air defense, aerial combat identification and CMDS will be fully integrated into the digitized battlefield. Sentinel Radar has been critical in providing air surveillance of the National Capital Region and other areas as part of homeland defense efforts.

Non-Line-of-Sight Launch System (NLOS-LS), which also falls under PEO MS, is a core system within the FCS family of systems. NLOS-LS provides precise NLOS lethal fire for the FCS Brigade Combat Team. NLOS-LS will also be provided to the Current Force in FCS Spin Out 1.

MEG WILLIAMS provides contract support to the U.S. Army Acquisition Support Center (USAASC) through BRTRC Technology Marketing Group (TMG). She has a B.A. in English from the University of Michigan and an M.S. in marketing from Johns Hopkins University.

KELLYN D. RITTER, Manuscript Editor, provides contract support to USAASC through BRTRC TMG. She has a B.A. in English from Dickinson College.