



10119 Beach Road, Building 322, Fort Belvoir, VA 22060-5801
<http://www.eis.army.mil/es>

Point of Contact:
Ms. Kassie McGuire
(540) 731-3434

kassie.m.mcguire.civ@mail.mil

BACKGROUNDER

PRODUCT DIRECTOR, ACQUISITION, LOGISTICS & TECHNOLOGY ENTERPRISE SYSTEMS & SERVICES

The Product Director, Acquisition, Logistics & Technology Enterprise Systems & Services (PD ALTESS) was originally established on May 18, 1959 as the Ordnance Industrial Data Agency at the Radford Army Ammunition Plant in Radford, Va. The organization's mission was to collect and process ordnance industrial capability data for more effective management of national ordnance procurement and production programs. In 2001, it joined the Program Executive Office, Enterprise Information Systems portfolio initiated by the Army reorganization before being designated as a product directorate of Project Director, Enterprise Services in 2012.

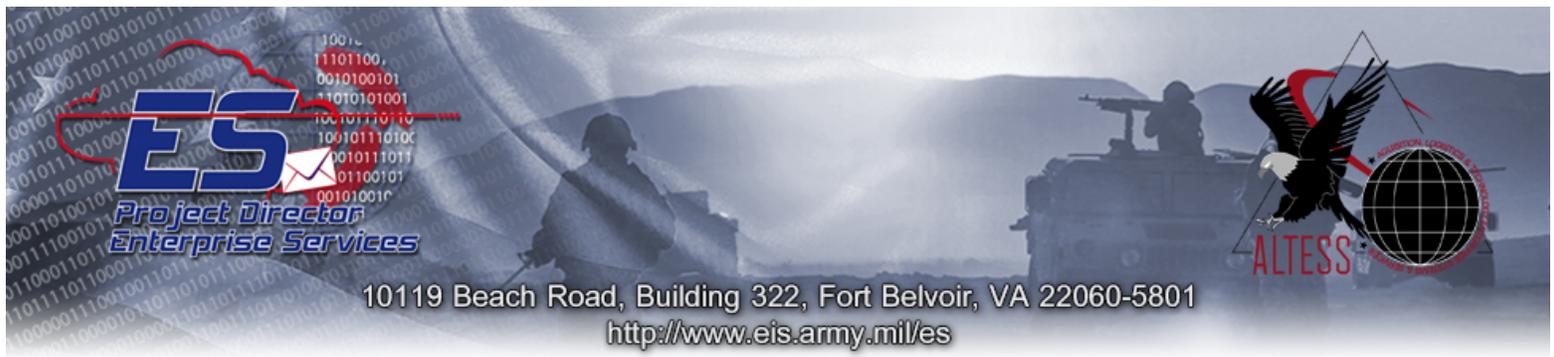
During the 56 years that ALTESS has provided automation support for the Army's materiel acquisition and budget preparation mission, enormous advances have occurred in information technology (IT) resulting in dramatic changes in the manner by which this mission has been accomplished. ALTESS has been a leader in information management and kept pace with the dynamic nature of technological innovation by evolving from a first-generation, batch-oriented mainframe operation to a net-centric, knowledge-based collaborative environment empowering end users to a greater extent than any vision of mainframe computing ever projected.

Today, ALTESS provides world-wide support of over 3.6 million end-users and 76 applications for 41 Army, Department of Defense (DoD), and Joint customers.

ALTESS PILLARS OF SERVICE

To meet the DoD vision for a future computing environment that delivers a standardized, agile, and ubiquitous set of computing capabilities that is available to all authorized users, ALTESS leverages industry best practices such as green technologies and a state-of-the-art virtualized infrastructure that positions applications to move towards the Army "cloud".





To maintain superior service and IT service management (ITSM) for its clients, ALTESS provides:

- **Facility infrastructure** that ensures reliability, resiliency, and availability that includes scalable virtual technologies that can be rapidly deployed
- **Computing infrastructure** that is standardized and virtualization-based for efficiency, scalability, and reliability that reduces data center footprint, administrative labor, and costly server hardware through consolidation of multiple systems onto a single server
- **Capability delivery** that is mission-focused and spans domains, scales, and operations that brings value by enabling the delivering world-class IT services
- **Security and information assurance** for protection and compliance at lower costs that are at the forefront of the effort to increase the Department's cyber security posture
- **Standardized operations and processes** that enable efficient and seamless delivery functions as a single, seamless computing environment by conforming to a set of standard business, operational, and ITSM processes

PD ALTESS is a product directorate of Project Director, Enterprise Services (PD ES). Established in September 2012, PD ES delivers secure, modern, agile, effective, and efficient information technology enterprise services that enable end-to-end communication, collaboration, messaging, content management, and application hosting across the U.S. Army.



FACT SHEET

Point of Contact:
Ms. Kassie McGuire
(540) 731-3434
kassie.m.mcguire.civ@mail.mil

ALTESS AT A GLANCE

Leadership: Product Director Richard Eva

Established: May 1959

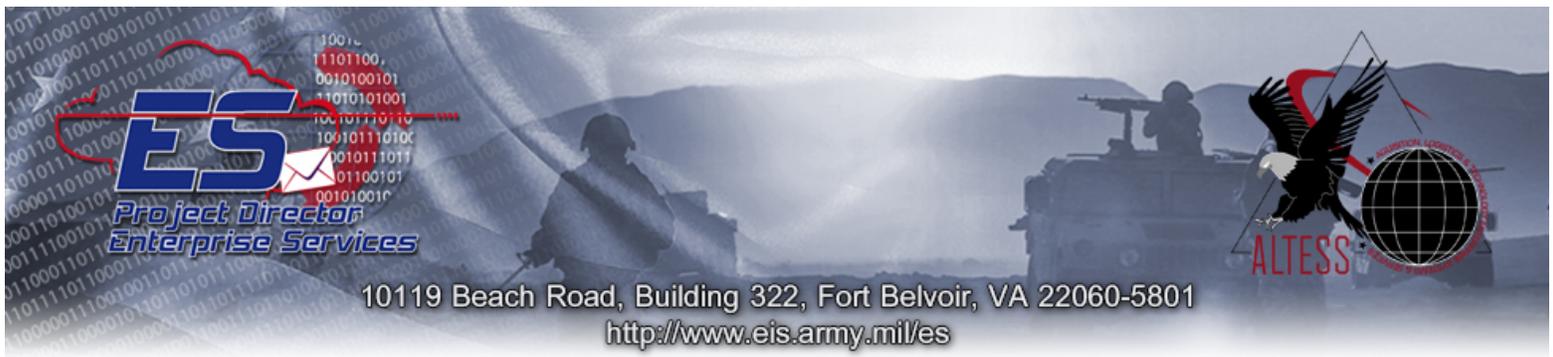
Location: Radford, Va.

Mission: Provide full life-cycle information technology (IT) solutions, support, and services to the Acquisition community and hosted customers in a secure environment. Develop and sustain a highly skilled and proactive workforce, utilizing leading edge technologies, provides America's Warfighters with decision making information worldwide

Vision: Deliver authoritative information dominance with integrated net-centric enterprise solutions

ALTESS CAPABILITIES AND INITIATIVES

- State-of-the-art, 40,000 square foot, self-sustaining, protected facility enables 24 x 7 x 365 global access to data and systems
 - Redundant external power, redundant cooling paths, and emergency power system can sustain ALTESS's data center for over 30 days in the event of a power failure
 - Service-oriented IT architecture, coupled with virtualization of hardware and software; and the use of shared resources renders services upward-scalable for a return on investment
- Aligns with the Department of Defense Core Data Center Reference Architecture (CDC RA v1.0)
- Earned EXCELLENT ratings on both the AWAN and C-LAN environments for the Defense Information Systems Agency (DISA) Command Cyber Readiness Inspection



- Earned the highest score for any Army site under the newest DISA scoring criteria and the first ever perfect score for any organization while reviewing the Traditional Security Implementation Guide
- World-wide support of over 3.6 million end-users and 76 applications for 41 Army, DoD and Joint customers including:
 - Global Combat Support System (GCSS)-Army
 - National Geospatial Intelligence Agency
 - Program Executive Office Ammunition (PEO AMMO)
 - General Fund Enterprise Business Systems (GFEBs)
 - U.S. Army Network Enterprise Technology Command (NETCOM)
 - Integrated Personnel and Pay System-Army (IPPS-A)
 - US Army Human Resources Command (AHRC) for Defense Casualty Information Processing System

Green Initiatives, Efficiencies, and Cost Savings

- “Free Cooling” technology uses external cold air to cool facility with the potential to yield 8,300 hours of natural cooling for an annual \$59,000 cost avoidance
- Virtual server technology is used and has been shown to reduce up to 4 times the carbon emissions and reduce energy consumption by as much as 80 percent
- In-row cooling system requires 43 percent less energy than traditional systems
- Building monitoring software and occupancy sensors control lighting and optimize cooling and heating for the entire facility
- Annual high-tech diesel fuel cleaning removes all water, microbial growth, corrosive materials, and acidity; increasing efficiencies and operational uptime for alternate power production
- Green initiatives have resulted in lowering the power usage effectiveness
- Cost & operations architecture and strategy enables customers to leverage a common architecture and only pay for services/resources used
- Information Technology Infrastructure Library implementation significantly improved an already cost-competitive service

Partnerships

- Pathways Internship Program with Virginia Tech, Radford University, and New River Community College - high-tech incubator for next generation of Army employees
- COOP partner with Network Enterprise Center-Redstone, PEO Missiles and Space, and AHRC



Mr. Richard Eva
Product Director

Acquisition, Logistics & Technology Enterprise Systems & Services (ALTESS)

Mr. Richard Eva is currently the Project Director, Acquisition, Logistics & Technology Enterprise Systems & Services (ALTESS) located in Radford, VA. ALTESS provides full life-cycle information technology solutions, support and services to the Acquisition community and hosted customers in a secure environment. Mr. Eva assumed the charter in 2006, and is responsible for developing and maintaining a highly skilled and proactive workforce, utilizing leading edge technologies to provide America's Warfighters with decision making information worldwide.

After a variety of staff and leadership positions within the Army, Mr. Eva was selected as the Division Chief for Battlefield Automation and Technical Data at the United States Army Armament Research, Development, and Engineering Center (ARDEC), Picatinny Arsenal, New Jersey, from 1998 to 2002. His duties included leading engineers, scientists and computer specialists in developing information technology systems for managing the Army's technical data for ammunition and weapons systems. Mr. Eva then served as the Chief of the Quality Engineering Division Chief at ARDEC leading teams of Product Quality Managers, Statisticians and Mathematicians in developing and managing statistical processes standards and methodologies used in the development and manufacturing of ammunition and weapons systems. In 2003, Mr. Eva accepted the position as the Chief Technical Officer and Chief Information Officer with the Program Executive Officer for Ammunition, Picatinny Arsenal. In 2005, Mr. Eva was selected as the Deputy Director for PD ALTESS, prior to his selection as Director of the organization.



Mr. Eva has been awarded two Commander's Award for Civilian Service and one Achievement Medal for Civilian Service. In 2007, Mr. Eva was identified as one of the top 100 federal Information Technology Managers in the Government by Federal Computer Week. In 2013, Mr. Eva also received the Meritalk Data Center Innovator Award, for Innovative Application of Technology to Support Data Center Consolidation.

Mr. Eva holds a Master of Science degree from Marywood University in Scranton, Pennsylvania and has completed post-graduate work in Research Methods towards a Doctorate's degree. He is a graduate of the Office of Personnel Management Federal Executive Institute's Center for Excellence Leadership program. Mr. Eva has been a member of the civilian Army Acquisition Corps since 1991 and has achieved Level III certifications in Systems Engineering, Quality Assurance and Program Management.