



BACKGROUND

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

ACQUISITION, LOGISTICS AND TECHNOLOGY ENTERPRISE SYSTEMS AND SERVICES

Acquisition, Logistics and Technology Enterprise Systems and Services (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

ALTESS is an organization within the Project Director, Enterprise Services (PD ES) portfolio. 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

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ALTESS AT A GLANCE

Leadership: LTC Toy R. Frasier, Jr. (*Acting*)

Established: May 1959

Location: Radford, Va.

Mission: Provide full lifecycle 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



Lieutenant Colonel Toy R. Frasier, Jr.
Acting Product Leader

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

Lieutenant Colonel (LTC) Toy R. Frasier, Jr. assumed the leadership of Acquisition, Logistics and Technology Enterprise Systems and Services (ALTESS) located in Radford, VA on 07 January 2016. ALTESS provides the full lifecycle information technology solutions, support and services to the acquisition community and hosted customers in a secure environment.

LTC Frasier entered the Army Acquisition Corps in 2008 and held assignments to include: Assistant Product Manager for Product Manager Light Tactical Vehicles (Armor, Integration and Production) in Warren, MI; Department of the Army Systems Coordinator for Light Tactical Vehicles and Army Watercraft Systems for the Assistant Secretary of the Army for Acquisition, Logistics and Technology at the Pentagon; Deputy Director Forward Deployed for Assistant Secretary of the Army for Acquisition, Logistics and Technology in Kuwait; and Project Officer for Defense Enterprise Email in Fort Belvoir, VA.



During 19 years of service, he has held a variety of tactical leadership and staff positions. His first assignment as a Field Artillery Officer took him to 2-17 Field Artillery Battalion, Camp Hovey, Korea, where he served as a Light Fire Support Officer. Once his tour in Korea was over, LTC Frasier was assigned to 1-37 Field Artillery Battalion as an Armor Fire Support Officer, Battery Operation Officer, Paladin Firing Battery Platoon Leader and Executive Officer in Fort Lewis, WA. After he completed the Captain's Career Course, he was assigned to the 102nd Military Intelligence Battalion as the Targeting & Battle Damage Assessment Officer in Camp Essayons, Korea. Following Korea, he was assigned as the Battalion S1, S3 Operations Officer at the 201st Military Intelligence Battalion in Fort Gordon, GA where he deployed to Kuwait. Upon returning, he served as the S3 Training Officer and in February 2003, LTC Frasier assumed Command of Headquarters Company 201st Military Intelligence Battalion, Fort Gordon, GA. After Company Command, LTC Frasier assumed duties as Assistant Professor of Military Leadership at the University of Massachusetts-Amherst ROTC department.

LTC Frasier received a Bachelor of Arts Degree in Political Science with a commission in the United States Army as a Military Intelligence Officer branch detailed Field Artillery from Virginia State University and a Master of Education Degree from the University of Massachusetts-Amherst. He is a graduate of several military academic programs including: Field Artillery Basic Course, M109A6 Paladin Commander's Course, Military Intelligence Advance Course, Combined Arms Staff and Service School, Military Intelligence Counterintelligence Officer Course, Mobile Joint Counterintelligence Course, Army Acquisition Basic Course, Army Intermediate Level Education Course, and Army Acquisition Intermediate Qualification course. He is Defense Acquisition Workforce Improvement Act Level III Certified Program Management, Level I Certified Information Technology and a member of the Army Acquisition Corps.

LTC Frasier's awards and decorations include: Meritorious Service Medal with Oak Leaf Cluster, Army Commendation Medal with Oak Leaf Cluster, Army Achievement Medal, National Defense Service Medal, Global War on Terrorism Medal, Korean Defense Service Medal, Military Outstanding Volunteer Service Medal, Army Service Ribbon, Overseas Ribbon, Parachutist Badge and Air Assault Badge.