PEO EIS MISSION & VISION

MISSION
Rapidly deliver innovative and cost-effective systems and services for the Total Force, to globally connect the Army and provide a decisive information advantage to every Soldier.

VISION
Be the recognized leader in delivering information systems and information technology solutions across the Department of Defense.
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ARMY ENTERPRISE SYSTEMS INTEGRATION PROGRAM (AESIP)

MISSION
AESIP delivers the vision of the single Army logistics enterprise and the single Army financial enterprise through two missions:
- Provide common integrated data and application service enabling cohesive business solutions for the total Army
- Facilitate convergence of misaligned components of the Army Enterprise Resource Planning (ERP) systems landscape

AESIP’s goal is to provide common, integrated data and application services that enable cohesive financial, logistics and human resource solutions for the Army.

DESCRIPTION & BENEFITS
The AESIP portfolio includes the Logistics Modernization Program (LMP), Global Combat Support System – Army (GCSS-Army) Increments 1 and 2, Automated Movement and Identification Solutions (AMIS) and Logistics Information Systems (LIS), as well as the AESIP Hub and the Army Centralized Business Analytics (ACBA) project. AESIP Hub provides data translation and integration, management and synchronization of critical master data into enterprise systems and management tools for the Army’s enterprise business intelligence suite. Business intelligence aggregates data from ERP and non-ERP systems and eliminates extraneous transactions for queries and reporting. AESIP Hub is the central repository for material, equipment, customer, vendor and asset master data for the LMP, GCSS-Army and General Funds Enterprise Business System (GFEBS). Acting as the enterprise hub to integrate ERPs and non-ERP systems, AESIP sends and receives data to ensure that near-real time information is accessible. AESIP has expanded its capabilities to encompass the development of business analytics across the logistics domain.

ACCOMPLISHMENTS
The Army Enterprise Material Master is the first Army material master repository that delivers the capability for daily consolidation of changes to Army Managed Items, Non-Army Managed Items, and non-standard material masters. AESIP applies business rules for data validation to include material base unit of measure, serialization flags (UIT, IUID) and interchangeability and substitutability. The repository provides a single consolidated material master record of enterprise level data for the Army.

AESIP is leading the development of an enterprise business intelligence capability for the logistics domain that could be leveraged across all business domains. The ACBA project uses enterprise business intelligence to provide a single source to collect, maintain, organize and aggregate Army data from multiple sources across the Army enterprise. Applications within the AESIP business intelligence and analytics platform provide queries, reports, statistical analysis, forecasting, online analytical processing, dashboards and data mining applications. ACBA serves customers across the Army as well as to the enterprise, including LMP, GCSS-Army, GFEBS, Army Materiel Command (AMC), Logistics Support Agency (LOGSA) and Headquarters, Department of the Army, G4. AESIP also provides the Army with a
capability to track the usage and cost of non-standard materials as a percentage of all material used that improves asset accounting across the force.

RECENT AND PROJECTED MILESTONES (FY16-17)

• Continued development and improvement of the Army’s ability to leverage near real time logistics data from the tactical logistics system, GCSS-Army, to enable decisions and improve logistics readiness
• AESIP will support the Blueprinting phase and Milestone B preparation of GCSS-Army Increment 2

FUTURE FOCUS

AESIP’s Army Centralized Business Analytics team is building the business intelligence/business warehouse analytical capability across the Army. This provides access to data from ERP and non-ERP systems and enables the retirement of legacy logistics systems. Additionally, GFEBS, GCSS-Army and AESIP continue to implement an integrated Army Enterprise GRC Access Controls capability in one Army enterprise enclave common operating environment. The ERP GRC solution will provide a single shared repository for enterprise-wide risk management of segregation of duties and critical action rules.

PRIME CONTRACTORS & LOCATIONS

• 4M Research, Huntsville, Ala.
• iLuMinA Solutions, Inc., California, Md.
• ECS Federal, Falls Church, Va.
• LMI, McLean, Va.
• The MITRE Corporation, McLean, Va.
• Attain, Vienna, Va.
MISSION
Continually enhancing the game changing Army Logistics revolution, by developing, fielding and sustaining an accountable consolidated enterprise resource planning solution.

DESCRIPTION & BENEFITS
GCSS-Army Inc. 1 is the tactical unit/installation logistics and financial system for the U.S. Army. GCSS-Army Inc. I is an Enterprise Resource Planning (ERP) solution that will track supplies, spare parts, organizational equipment, unit maintenance, total cost of ownership and other financial transactions related to logistics for all Army units. This modernized application will subsume outdated Standard Army Management Information Systems that are not compliant with federal financial statutory requirements for the Army to obtain a clean audit pursuant to the Federal Financial Management Improvement Act by the end of FY17. GCSS-Army Inc. 1 will integrate approximately 40,000 local supply and logistics databases into a single, enterprise-wide authoritative system. GCSS-Army Inc. 1 will be financially compliant and is a key enabler for the Army to be auditable by the end of FY17. When fully deployed, GCSS-Army Inc. 1 will affect every supply room, motor pool, direct support repair shop, warehouse, Logistics Readiness Center (LRC) and property book office in the total Army, improving efficiency and visibility for nearly 154,000 users globally.

ACCOMPLISHMENTS
The Army required seven systems to perform tactical supply, maintenance, property accountability and financial functions. By developing and delivering GCSS-Army Inc. 1, a web-based integrated logistics system, commanders now have accurate and timely logistics and financial information as well as enterprise visibility, improving their operational effectiveness while conducting maneuver and logistics operations. GCSS-Army Inc. 1 will give users at all echelons of the enterprise access the same information.

GCSS-Army Inc. 1 completed 50% system deployment of the property book, unit supply and maintenance functionality of GCSS-Army Inc. 1 in November 2016.

RECENT AND PROJECTED MILESTONES (FY16-17)
- Field GCSS-Army Inc 1 Wave 2 to 19 Army Central Command units at six locations in theater
- Exceed 95% system deployment of the property book, unit supply and maintenance functionality of GCSS-Army Inc. 1 by the end of FY17
- Achieve Full Deployment of GCSS-Army Inc. 1 during 1QFY18.
**FUTURE FOCUS**

GCSS-Army will continue to deploy Increment 1, Wave 2 to the Army while preparing to transition from a contractor system integrator to the Army Shared Services Center for sustainment. Aligned with the HQDA G4 strategy, GCSS-Army will continue preparing to incorporate additional logistics functionality into the GCSS-Army baseline.

**PRIME CONTRACTORS & LOCATIONS**

- Northrop Grumman Information Systems (prime), Midlothian, Va.
- LMI, McLean, Va.
LOGISTICS MODERNIZATION PROGRAM (LMP)

MISSION
To deliver new and expanded capabilities and support Department of Defense (DOD) and Army Enterprise Resource Planning (ERP) integration efforts. To sustain, monitor, measure and improve the modernized national-level logistics support solution. To sustain residual legacy systems to support (non-LMP) requirements. To transition services from contractor to organic support without system performance degradation. To be the frontrunner of DOD ERP programs and serve as a platform for the future.

DESCRIPTION & BENEFITS
As one of the world’s largest, fully integrated supply chain, maintenance, repair and overhaul, planning, execution and financial management systems, LMP supports the national-level logistics mission to develop, acquire, field and sustain the Army’s equipment and services. It is an SAP commercial-off-the-shelf ERP program that manages and tracks orders and delivery of materiel to Soldiers, where and when they need it. It replaced 35-year-old legacy systems with technologically superior functionality and integrated components ranging from asset management through ammunition manufacturing and maintenance to long-term supply planning. Benefits include:

- Reduced inventory
- Improved processing times (five minutes per transaction to five minutes per batch)
- Shortened review cycle times from weeks to days
- Improved asset visibility by saving 15-20 minutes per review
- Automating the industrial base shop floor via electronic traveler and reducing cost of re-work by 10 percent (Increment 2)
- Improving materiel management, including integration with other Army ERPs and expanded data exchange (Increment 2)

ACCOMPLISHMENTS
- LMP Increment 1 is in sustainment, with three major deployments completed in July 2003, May 2009 and October 2010
- Increment 2 achieved full deployment in October 2016
- Wave 3 limited fielding to three sites was completed in June 2015, which have met or exceeded revenue and schedule goals outlined in budgets submitted to the Army and DOD for the first time in the last decade
- Limited fielding has improved Army Materiel Command’s (AMC) forecast rate accuracy, exceeding industry best practice rates
- Successfully completed LMP Increment 2 Wave 3 Go-Live in May 2016

LMP manages over seven million transactions daily, $19 billion in inventory and interfaces with over 80 DOD systems. Upon completion of Increment 2, approximately 30,000 users in over 50 locations worldwide will use the system. LMP exceeds industry standards with an average response time of less than two seconds per transaction and an average system availability of 99.9 percent.
Army Sustainment Command uses LMP to sustain Army and joint forces in support of combatant commanders, effectively and efficiently distributing and redistributing all types of materiel to Soldiers where and when they need it.

**FUTURE FOCUS**

LMP will continue to work with AMC and the Department of the Army to address business process areas where improvements can be made and that are aligned to DOD and Army strategic objectives. Specific future focus areas include:

- Contingency and special operations support
- Total asset visibility at DOD
- Total asset and production visibility at contractors
- Organic industrial base (OIB) – investment planning and maintenance simplification
- Army prepositioned stock planning – major items
- OIB workload collaborative planning

**PRIME CONTRACTORS & LOCATIONS**

- CSC Government Solutions LLC, a CSRA Company (CSGov) Marlton, N.J.
- Engility Corporation Marlton, N.J.
- Attain, LLC Picatinny Arsenal, N.J.
- INSAP Services Inc. Picatinny Arsenal, N.J.
- Oakland Consulting Group, Inc. Picatinny Arsenal, N.J.
MISSION
To deliver an intuitive, integrated and agile maintenance and logistics system to generate maximum combat power for the Army aviation fleet in support of ground maneuver forces.

DESCRIPTION & BENEFITS
Aviation Logistics, also known as Global Combat Support System – Army (GCSS-Army) Increment II, builds on the existing GCSS-Army and Aircraft Notebook (ACN) baseline capability to deliver functionality that meets specific aviation airworthiness and logistics requirements as well as improved business intelligence/business warehouse for the logistics community and will incorporate the Army prepositioned stock capability. Aviation Logistics will:

- Enhance GCSS-Army to support all aviation maintenance processes so they can be performed while connected to the GCSS-Army Enterprise Core Component (ECC) server (e.g. hangar rear, fixed base operations)
- Use the ACN program management agreement for all disconnected aviation maintenance and aircraft logbook operations (e.g. disconnected battalion, disconnected operations and flight line forward)
- Develop interfaces between GCSS-Army and ACN at the battalion level so all ACN transactions are posted through GCSS-Army to assure system integrity and financial auditability
- Develop a custom GCSS-Army aviation user interface to mimic the ACN program management agreement look and feel that will allow users to move between ACN program management agreement and GCSS-Army without re-training
- Units will be able to perform aviation maintenance using either GCSS-Army or ACN program management agreement as determined by their operational requirements and the availability of communications

ACCOMPLISHMENTS

RECENT AND PROJECTED MILESTONES (FY16-17)
- FY16 – continue enterprise blueprinting of GCSS-Army Increment 2, Wave 1 Aviation Logistics functions
- FY17 – complete a program management review with the Army Acquisition Executive
- FY17 – complete development request for proposal release decision and milestone B

FUTURE FOCUS
ACN version 2 will be developed as part of Aviation Logistics to support enterprise aviation integration. Aviation Logistics will be fielded to replace ACN version 1 and Unit Level Logistics System-Aviation (Enhanced).
PRIME CONTRACTORS & LOCATIONS

- LMI, McLean, Va.
AUTOMATED MOVEMENT AND IDENTIFICATION SOLUTIONS (AMIS)

MISSION
Provide and sustain premier automatic identification and transportation IT solutions to the Department of Defense (DOD), North Atlantic Treaty Organization and coalition partners with procurement and technical services related to the acquisition, operation and management of these solutions and infrastructure to move Soldiers and enable the Army’s net centric transformation.

Increase joint services effectiveness and efficiencies through improved source data capture and real-time supply chain management by providing leading edge Automatic Identification Technology (AIT) products and services. Become the most respected producer of transportation management IT capability (using move planning tools) supporting the DOD digital logistics environment.

DESCRIPTION & BENEFITS
AMIS combines the Radio Frequency In-Transit Visibility (RF-ITV) and Transportation Coordinators’ - Automated Information for Movements System II (TC-AIMS II) capabilities to increase effectiveness and efficiencies through global asset planning and tracking. RF-ITV uses wireless technology (i.e., Radio Frequency Identification [RFID] and satellite positioning data) to track materiel within the global supply chain. This worldwide network of over 1,700 read sites and over 700 satellite tracking devices in use, providing RFID and satellite data, give Soldiers web-based visibility and confidence that their supplies are on the way to the right destination. TC-AIMS II is designed to enable users to manage all aspects of transportation operations. AMIS awards and administers AIT/RFID indefinite delivery/indefinite quantity contracts and ensures compliance with information assurance and networthiness requirements. AMIS also provides support to the Headquarters, Department of the Army, G4 and the Combat Developer, Combat Arms Support Command on the Condition Based Maintenance Plus Store and Forward (CBM+ SaF) effort under PEO EIS.

ACCOMPLISHMENTS
• Gained RF-ITV system accreditation through the DOD Risk Management Framework
• Established 16 RFID read sites in support of Operation Inherent Resolve at five locations in Iraq
• Installed 10 RFID read sites to support Operation Atlantic Resolve across Europe
• Executed a major RF-ITV system maintenance upgrade to support the Army’s move to Internet Explorer Version 11 and upgrade to Oracle 12 for all servers, dramatically improving the system’s cybersecurity posture
• Completed Government Acceptance Test and launched web-based TC-AIMS II v7.0.4 into production
• Completed 17 U.S. Army Forces Command installation migrations to TC-AIMS II Enterprise
• Assisted 30 program managers with developing Item Unique Identification Plans
• Synchronized Army-wide efforts to develop CMB+ SaF solutions
• Worked with Joint Light Tactical Vehicles (JLTV) to track their initial low rate production vehicles as they are moved to testing various locations

RECENT AND PROJECTED MILESTONES (FY16-17)
AMIS has been designated as the office of primary responsibility for the CBM+ SaF program of record; AMIS will complete the Office of Business Transformation study plan for the materiel developer decision and submit the study plan into the program objective memorandum.

FUTURE FOCUS
• RF-ITV is part of Army pilot testing of Windows 10 with Edge web browser; extensive hardware/software testing will be conducted to determine/execute the necessary system changes to support mandatory upgrades
• Continued expansion of the RF-ITV network in Iraq as new requirements are received from U.S. Central Command and U.S. European Command to support on-going and future operations
• Replace the current RF-ITV mapping tool to ensure seamless connectivity, accessibility and support
• Manage CBM+ SaF as the designated office of primary responsibility to field the M-1 Abrams vehicle health management system initial operational capability in FY 18-19
• Continue to support U.S. Army Forces Command migration to TC-AIMS II Enterprise

PRIME CONTRACTORS & LOCATIONS
• Exeter Information Technology Services, Gaithersburg, Md.
• Aptricity, Dallas, Tex.
• Dynamic Research Corp/Engility Corporation, Chantilly, Va.
• Liedos, Manassas, Va.
• SEB Technologies, McLean, Va.
MISSION
To provide efficient and effective acquisition lifecycle management of the logistics information systems assigned to LIS and ensuring these systems remain functional, technically viable and cyber-secure. To maintain logistics systems that are vital combat enablers whose support is critical for Soldiers, maintainers, suppliers and logistics managers to organize and facilitate the ability to deliver logistics and sustain the force. To provide tactical logistics information systems that are the reason combatant commanders can focus on the fight with confidence that their equipment is available, ready and resourced to execute the Army’s mission.

DESCRIPTION & BENEFITS
LIS systems provide Army leadership with critical management information and business automation support for all supply, maintenance, property accountability, ammunition and financial support for Army operations worldwide. They are the foundational elements to the Army’s tactical, operational and strategic capabilities.

LIS manages all lifecycle activities associated with software change package releases, testing, distribution and sustainment, including five acquisition category III products, ten software baselines and associated hardware peripherals for the programs of record assigned to LIS.

Lifecyle sustainment includes the preparation and release of cybersecurity software patches, quarterly updates and annual system change packages that maintain the operational capabilities and distribution of systems or components in response to changes in the Army’s unit composition.

Systems managed by LIS are:
- Property Book Unit Supply Enhanced (PBUSE)
- Standard Army Ammunition System (SAAS)
- Standard Army Maintenance System – Enhanced (SAMS-E)
- Unit Level Logistics System – Aviation (Enhanced) (ULLS-A[E])
- Financial Management Tactical Platform (FMTP)

ACCOMPLISHMENTS
In an era of heightened cyber security awareness, much of LIS’ sustainment mission is focused on maintaining cyber secure systems. Focus in this area has ensured that all LIS systems remain certified and compliant with cybersecurity mandates and approved for use on the Army’s tactical networks. Other accomplishments include:

- Developing a laptop configuration for the installation-based version of SAMS-E that solved a maintenance data reporting issue among warehouses
- Receiving an honorable mention from Government Computer Technology for the PBUSE SuperCluster computer implementation
- Delivering over 130 releases to the Soldier in FY15, which included over 3,059 change items that
improved the automated logistical support to the Soldier

- Successfully analyzing over 4,000 cyber security updates including building, testing and distributing over 450 patches, which improved application software and met requirements for cybersecurity compliance within prescribed timelines
- Completing over 50 change packages and hundreds of security updates, ensuring uninterrupted operations for over 120,000 combat service support Soldiers
- Deploying a critical aviation change package that implemented 72 high priority fixes and improved airworthiness, readiness and supply for the Army’s rotary wing aircraft fleet
- Retired the Standard Army Retail Supply System in December 2015

RECENT AND PROJECTED MILESTONES (FY16-17)

- Managing, coordinating and synchronizing LIS software change package capabilities to resolve issues that may impact ERP integration or deployment
- Providing crucial support to ensure all products are in compliance with on-time information assurance vulnerability alerts
- Ensuring a seamless and transparent close-out for SAMS-E and PBUSE as the Army transitions to GCSS-Army

FUTURE FOCUS

LIS will support bridging logistics systems strategies for both ULLS-AE and SAAS-MOD as these products move toward their close-out dates. LIS will work with representatives of the Combined Arms Support Command, Department of the Army Chief Information Officer/G6, Network Command and other external agencies to ensure technical requirements and capabilities are clearly defined and recommend solutions for LIS to implement. LIS will shape and manage customer expectations and demonstrate a sense of urgency with regard to customer needs and priorities by providing a 24/7 help desk and resolution agents for system users. LIS will continue its Soldier-first focus until each system is retired.

PRIME CONTRACTORS & LOCATIONS

- IBM Corporation, Bethesda, Md.
- Allen Corporation of America, Fairfax, Va.
- CGI Federal, Fairfax, Va.
- Logistics Solutions Group Incorporated, Prince George, Va.
- Leidos Incorporated, Reston, Va.
- Vencore, Reston, Va.
- Pembroke Partners, LLC, Springfield, Va.
- Hewlett Packard Enterprise Services, LLC, Plano, Tex.
- McLane Advanced Technologies Incorporated, Temple, Tex.
GENERAL FUND ENTERPRISE BUSINESS SYSTEM (GFEBS)

MISSION
Develop, acquire, integrate, deploy and sustain the Army’s enterprise-wide single foundation for financial, procurement and acquisition management.

DESCRIPTION & BENEFITS
GFEBS provides the Army’s web-enabled financial, asset and accounting management system using modern technology, integrated data and re-engineered business processes. GFEBS enables the Army to meet current and future business needs and better support the Soldier through commercial off-the-shelf enterprise resource planning solutions to standardize, streamline and share critical data across the Army. In addition, GFEBS:

- Meets auditability compliance for financial feeder systems
- Replaces costly legacy systems and tools
- Accommodates approximately 35,000 users at approximately 300 sites

ACCOMPLISHMENTS
- Pre-validation of obligations prior to disbursement to prevent antideficiency violations
- Improved usefulness, timeliness and accuracy of financial data to inform commander decision-making on resource allocation
- Use of standardized accounting classification structures to improve the reliability of financial information
- Improved forecasting and allocation of resource capabilities to support resource projections

RECENT AND PROJECTED MILESTONES (FY16-17)
- Quarterly sustainment releases
- Military personnel phase 1B new requirement analysis
- Support audit readiness including requirements and resources needed for GFEBS to be a service provider supporting the National Capital Region Medical Directorate
- Transition: continue internal system functional and physical configuration audit to ensure accuracy of program documentation
FUTURE FOCUS
GFEBS has added Increment II, which will expand its portfolio with:

- Integrated Resource Management, which will provide the Army with integrated budget planning and analytical capabilities while standardizing existing command-driven processes
- Army Single Labor Time Tracking, which will develop a centralized labor time tracking system for the Army to capture labor costs

PRIME CONTRACTORS & LOCATIONS

- LOGC2, Huntsville, Ala.
- Chenega Decision Sciences, Lorton, Va.
- Logistics Management Institute, McLean, Va.
- Carahsoft Technology Corp., Reston, Va.

U.S. Army SGT Alfonso Villacres, left, and SPC Ronald Simmons, right, assigned to the 37th Financial Management Detachment, provide financial advice to U.S. Soldiers at Joint Security Station Al Sheeb, Iraq.
ARMY CONTRACT WRITING SYSTEM (ACWS)

MISSION
To deliver a world-class single enterprise-wide contract writing and management solution capable of meeting the unclassified, classified and disconnected state mission of the Army contracting community.

DESCRIPTION & BENEFITS
ACWS will be the Army’s single enterprise-wide contract writing and management system. Leveraging a commercial-off-the-shelf (COTS)-based solution, ACWS will replace the DOD Standard Procurement System, the Army’s Procurement Automated Data and Document System and the Virtual Contracting Enterprise suite of tools. ACWS will:

- Standardize Army procurement business processes and streamline integration with enterprise resource planning systems
- Support compliance with the Federal Financial Management Improvement Act of 1996 requirements
- Meet the full scope of Army contracting requirements globally, including those in secure and non-secure locations and in combat or non-combat contingencies
- Enhance the Army’s ability to rapidly expand the contracting enterprise in support of contingency and combat operations
- Decrease and, where applicable, mitigate the complexity of current and future interfaces with other systems while supporting audit readiness
- Result in re-engineered business processes to gain process and system efficiencies
- Reduce or limit the increase of operational, maintenance and support costs

ACCOMPLISHMENTS
ACWS is projected to reach initial operating capability on or about 4Q FY19. The program successfully secured Army leadership approval, releasing the final RFP in April 2016, and source selection began in June 2016.

SFC Phil Charles and Isaac Thorp, a contracting officer with the Aeronautical Systems Center, discuss contracting actions. U.S. Army photo by Daniel P. Elkins, Mission Installation Contracting Command Public Affairs.
RECENT AND PROJECTED MILESTONES (FY16-17)

• Obtained Defense Acquisition Executive ATP-1 approval on 10 April 2017, awarded a contract on 22 May 2017, and began work on Task Order 001 (risk reduction activities) immediately upon contract award.

FUTURE FOCUS

During FY17, the Army will select the systems integrator (SI) and the COTS-based ACWS solution. Once the SI is on board, the focus in the risk reduction phase will be determining any changes to business processes, configuring workflows already available in the software to satisfy ACWS requirements and assessing any gaps in functionality that require resolution. ACWS will subsequently be rolled out in capability “builds” over several years. When fully deployed, ACWS will be used by up to approximately 10,000 end users in government organizations at approximately 300 different locations.

PRIME CONTRACTORS & LOCATIONS

• LOGC2, Huntsville, Ala.
• Ernst and Young, Washington, DC.
• Chenega Decision Sciences, Lorton, Va.
• Logistics Management Institute, McLean, Va.
• MITRE, McLean, Va.
MISSION
Deliver innovative and adaptive solutions that streamline the collection and analysis of data to support powerful decisions across the Army acquisition enterprise.

DESCRIPTION & BENEFITS
Acquisition Management Support Solutions (AMS2) provides the Army acquisition community with a rich set of enterprise capabilities and services that leverage authoritative and trusted data from across the acquisition domain. AMS2 designs, develops and deploys services to meet requirements from the Assistant Secretary of the Army (Acquisition, Logistics and Technology).

AMS2 has recently focused on maintaining and enhancing multiple capabilities and services within the system and the Career Acquisition Personnel and Position Management Information System, including:

- SmartCharts – a presentation tool used to create, display and distribute standardized charts used by Army systems coordinators to support congressional reviews of major weapon systems
- Acquisition Program Baseline – supports programmatic baseline management for milestone decision authority approval
- Acquisition Workload Based Staffing Analysis Program – an Army acquisition program manpower analysis tool
- Chief Information Office Assessment Tool – facilitates compliance with the Clinger-Cohen Act in support of a milestone decision
- International Online – enters and manages international Army science and technology agreements
- Materiel Release Tracking System – tracks release of major weapons systems materiel to help ensure Army materiel is safe, suitable and supportable

ACCOMPLISHMENTS
Between FY14-16, AMS2 provided 16 enhanced capabilities to the Army acquisition domain, including the development of a modernized and consolidated information technology environment that leverages open standards, cloud-based architecture and virtualization to keep licensing costs low.

The streamlined environment realized an 83 percent physical server reduction and cut maintenance downtime by 75 percent, which will yield a projected cost avoidance of $5.1 million over five years, a 37 percent reduction in annual infrastructure costs and a 168 percent return on investment for the Army.

RECENT AND PROJECTED MILESTONES (FY16-17)
- Data integration of trusted and authoritative data sources
- Development of business intelligence applications
- Legacy application replacement
- Army acquisition domain data management cloud architecture,
The AMS2 team participates in user acceptance testing on the army acquisition dashboard.

**FUTURE FOCUS**

The strategic goals of AMS2 are to enable acquisition visibility to leaders at all levels to drive investment decisions and provide one authoritative source of information at the enterprise level.

To achieve these goals, AMS2 will employ an evolutionary acquisition strategy to realize benefits and reduce risk, in part by incorporating piloting when practicable to validate and demonstrate out-of-the-box capabilities before additional development efforts are expended and invoking an agile delivery system that involves stakeholders through the software life cycle and delivers capabilities incrementally.

Ultimately, AMS2 will migrate to a cloud infrastructure-as-a-service approach to reduce sustainment costs.
INTEGRATED PERSONNEL AND PAY SYSTEM – ARMY (IPPS-A)

MISSION

IPPS-A will:

• Enable a better quality of life for Soldiers and families
• Provide robust tools to enable mission command for commanders and leaders
• Deliver a modern suite of capabilities (personnel and pay) to HR professionals
• Support Army G-1 priorities (total force, talent management, and auditability)

DESCRIPTION & BENEFITS

IPPS-A is an online HR system that will provide integrated personnel, pay and talent management capabilities in a single system to all Army components for the first time ever. IPPS-A will improve the lives of Soldiers and their families and how we interact with them by transforming our industrial age personnel systems to a 21st century talent management system.

When fully deployed, IPPS-A will offer a variety of benefits to Soldiers, HR professionals and leaders, including:

• Multi-component visibility
• A comprehensive personnel and pay record
• Integrated personnel, pay and talent management capabilities
• Soldier online self-service portal
• Near real-time 24/7 global online access
• One-time data entry
• A secure, easy to use database
• Auditability

ACCOMPLISHMENTS

IPPS-A Increment I, which reached full deployment in July 2015, provides one multi-component database with a single record for all Army Soldiers, and serves as the source of record for the personnel and HR data of more than 1.1 million Soldiers across all Army components. This database is the foundation for future IPPS-A increments and implementation kicked off a multi-year data correctness campaign. IPPS-A Increment I allows for interface communications and generation of new multi-component reports, including a Soldier Record Brief.

Development and deployment of Increment II is fully underway. Training for release 2 with the Army National Guard began in January 2017. Once deployed, IPPS-A will deliver visibility over the entire force and maximize the potential of the Army’s greatest asset, the Soldier, to enhance Army readiness. It will improve access, timeliness and accuracy (auditability) of personnel and pay information for the total Army – integrating more than 30 current systems, eliminating more than 300 interfaces, ensuring secure, consistent processes and data and meeting required standards.

RECENT AND PROJECTED MILESTONES (FY16-17)

• Increment II, Internal Business Review (IBR), April 2016
• Increment II, Product Design Review (PDR), September 2016
• Increment II, Critical Design Review (CDR), April 2017
• Increment II Development Integration Testing (DIT), 2017
FUTURE FOCUS
In the coming year, the Army will employ incremental development methods for IPPS-A Increment II, with total system functionality delivered across four releases with each release incrementally building upon the design and capability of the prior release. When IPPS-A Increment II reaches full deployment, it will have fully or partially subsumed functionalities of over 40 legacy Army personnel and pay systems and will meet the full financial statement audit requirements as identified in the FY15 Statement of Budgetary Resources and the FY18 Full Financial Statement Audit Readiness Assertion.

PRIME CONTRACTORS & LOCATIONS
ARMY HUMAN RESOURCE SYSTEMS (AHRS)

MISSION
AHRS delivers a comprehensive suite of secure human resource and installation support capabilities to Soldiers through an innovative integration of cost-effective IT solutions connecting the global force. AHRS will bridge the gap to 21st century human resource and installation support capabilities for the fighting force to succeed and win.

DESCRIPTION & BENEFITS
AHRS provides installation and field commanders world wide with state-of-the-art, cost-effective and standardized knowledge-based automation tools. These tools are essential to human resource accountability of soldiers, inventory management of organizational clothing and individual equipment and the scheduling and management of firing ranges and other training facilities. AHRS is the program management office that supports the following systems:

• Commander Risk Reduction Dashboard (CRRD)
• Deployed Theater Accountability System (DTAS)
• Electronic Military Personnel Office (eMILPO)
• Installation Support Modules (ISM)
• Range Facility Management Support System (RFMSS)
• Tactical Personnel System (TPS)

ACCOMPLISHMENTS
• RFMSS has fielded 82 of 82 sites with the enhanced graphic fire desk
• RFMSS fielded the center scheduling enterprise Eglin Air Force base interface
• RFMSS implemented training aids devices simulators and simulations
• ISM transitioned from Oracle Discoverer to Business Intelligence Publisher
• DTAS continuity of operations plan data storage migrated to new location
• Installation and relocation of ISM and RFMSS hardware on Fort Belvoir, Virginia, and Fort Huachuca, Arizona
• CRRD received a materiel development decision approving it as a Pre-Acquisition Category III program in two increments and was fully staffed.
• eMILPO completed Army Audit Readiness inspection as a payroll impacting feeder system by an independent auditor
• Information assurance team successfully passed the annual security engineering assessment
• Milestone (MS) C for CRRD Increment I

RECENT AND PROJECTED MILESTONES (FY16-17)
• MS B for CRRD Increment II
• Preliminary design review for CRRD Increment II
• DTAS and eMILPO system accreditation in FY17
ACQUISITION PHASE: OPERATIONS AND SUPPORT

FUTURE FOCUS

- eMILPO upgrading security posture from Defense Information Assurance Certification and Accreditation to Risk Management Framework
- Posture for transition to IPPS-A
- RFMSS completion of virtualization and data center consolidation
- RFMSS interface with Federal Aviation Administration Special Airspace Management System
- CRRD Increment I subsumed by Increment II in FY19
- Prepare for data center migration
- AHRS will continue to develop, test, train, deliver and support Soldier capabilities. CRRD is an emerging software system that will provide commanders at all levels with near real-time ability to identify, monitor and act upon Soldiers and unit level risk.

PRIME CONTRACTORS AND LOCATIONS

- Digital Management Inc., Bethesda, MD
- Computer Systems Research and Application, Chantilly, Va.

U.S. Marine Corps Lance Cpl. Anthony Langone, Infantryman, Kilo Company, 3rd Battalion, 6th Marine Regiment (3/6), 2nd Marine Division, fires an M72 light anti-armor weapon during a platoon attack at Afghan Alley for the Talon Exercise April 3, 2014. U.S. Marine Corps photograph by Lance Cpl. Christopher A. Mendoza, 2nd MARDIV COMCAM/Released [The Range Facility Management Support System (RFMSS) was used to schedule this range training.]
MEDICAL COMMUNICATIONS FOR COMBAT CASUALTY CARE (MC4)

MISSION
The Medical Communications for Combat Casualty Care (MC4) program integrates and fields the Army capability to digitally capture medical treatment data in operational environments, enhancing continuity of care and enabling a comprehensive lifelong electronic health record (EHR) for Service members.

VISION
Deliver timely, cost-effective and easy-to-use IT solutions to enable improved operational health care and patient documentation.

DESCRIPTION & BENEFITS
MC4 is a ruggedized system-of-systems containing medical software packages fielded to operational medical forces worldwide, providing the tools to digitally record and transfer critical medical data from the foxhole to medical treatment facilities worldwide. MC4 helps to ensure service members have secure, accessible, lifelong electronic health records, resulting in better informed health care providers and easier access to Veteran’s Affairs medical benefits. MC4 is the Army representative for and provides infrastructure for the current DOD EHR program, managed by PEO Defense Healthcare Management Systems.

ACCOMPLISHMENTS
PEO EIS assigned MC4 as the office of primary responsibility for Operational Health Information Technology, which includes the EHR program baseline currently in operation, the Theater Medical Information Program – Joint (TMIP-J), and the EHR modernization program planned, Joint Operational Medicine Information System (JOMIS). MC4 has trained and provided hands-on customer support for medical IT systems supplied internationally to more than 3,000 Army units. MC4 completed a hardware refresh of both laptop and server baselines that began in 2016, replacing eight-year old hardware. MC4 also recently completed a full three-year accreditation of the TMIP-J baseline, both version 2.2.0.0 and version 2.3.1.0, with over 4,000 controls and supporting documentation in risk management framework. MC4 also gained authority to connect and passed command cyber readiness inspections in multiple regions.

RECENT AND PROJECTED MILESTONES (FY16-17)
- TMIP-J version 2.3.1.0 limited user test, FEB 2017
- MC4 Support to U.S. Pacific Command Key Resolve, MAR 17
- TMIP-J version 2.2.0.0 authority to operate extension, JUN 17
- TMIP-J version 2.3.1.0 materiel release, SEP 17
• JOMIS materiel development decision, SEP 17

**FUTURE FOCUS**

MC4 will focus on training, fielding and sustaining the TMIP-J baseline in operational units through FY20. The EHR modernization effort, JOMIS, Initial Operational Capability is planned for FY19, with First Unit Equipped in FY20. MC4 will work with stakeholders to develop a robust acquisition strategy for JOMIS in the Army, including validated requirements and funding, with supporting acquisition materiel, such as a Test and Evaluation Master Plan, Joint Deployment and Training Plan, Concept of Employment, System Training Plan, Basis of Issue, Table of Distribution and Allowances, Acquisition Strategy and Acquisition Program Baseline.

MC4 will advance its system by adding capabilities and simplifying use to best serve the Soldier. MC4 leadership will continue to drive system improvements with thoughtful focus on cost, schedule and performance, serving the needs of warfighters/stakeholders and aligning Army efforts with DOD and the other services. By working together, MC4 and its partners can join forces to achieve critical goals and can align efforts to national, DOD and Army strategies, including those that support increased efficiencies through collaboration.

**PRIME CONTRACTORS & LOCATIONS**

• CACI International, Inc., Frederick, Md.
• Octo Consulting Group, Frederick, Md.

While deployed, the 684th Area Support Medical Company (ASMC), Ohio Army National Guard, used the MC4 system to electronically capture patient care. (Photo Credit: MC4 SCO)
DISTRIBUTED LEARNING SYSTEM (DLS)

MISSION
Acquire, deploy and maintain a worldwide distributed learning system to ensure Soldiers receive critical training for mission success.

DESCRIPTION & BENEFITS
DLS is a key enabler of Army training transformation by providing Soldiers and civilians with the infrastructure to improve training efficiency and flexibility. In 1997, DLS, formerly known as the Army Distance Learning Program, began to field the facilities and infrastructure required to deliver training anywhere and at any time. Distance learning provides the capability to obtain the state of readiness necessary to accomplish the Army mission and contributes to Soldier and civilian quality of life by increasing stability in their personal and professional lives. DLS is dedicated to providing a quality distributed learning system to all Army components in the most expeditious and cost-effective manner possible. The five components of the DLS program include Army e-Learning, Digital Training Facilities (DTFs), Army Learning Management System (ALMS), Enterprise Management Center and Deployed Digital Training Campuses (DDTC).

ACCOMPLISHMENTS
There are currently 201 DTFs located in 82 sites worldwide, which provide Soldiers with an on-base location to access web-based, professional courses without interruption. The DDTC is a compact, mobile training capability designed to support the distributed learning requirements of Soldiers. Designed to Army requirements to be expeditionary and self-contained, DDTC systems are able to operate within any geographic region to include those areas where telecommunication infrastructures do not exist. ALMS is an Army-approved system for training delivery and management. ALMS streamlines, consolidates and provides overall direction to the Army’s training processes. The Army e-Learning Program provides free training for every active Army, National Guard, reservist, Reserve Officer Training Corps Cadet and Army civilian with access to over 4,800 commercial web-based information technology, business, leadership and personal development courses. To date, DLS has trained over 2.2 million Soldiers.

RECENT AND PROJECTED MILESTONES (FY16-17)

DTF:
- Replacement of the Tandberg 3000
- Fielding of preplanned product improvement of DTFs into a mobile capability MDTF

DDTC:
- Support of the DOD healthcare management system modernization with six DTFs and six DDTCs for (training of electronic health records) in Washington state
- Support Operation Atlantic Resolve and European Reassurance Initiative
ALMS

- Implementation of the ALMS pre-planned product improvement (P3I): Army exam and survey application for the administration of online exams

Army eLearning

- Implement greater access to mobile courseware hosted on Skillport platform

FUTURE FOCUS

DLS will continue to streamline training processes, automate training management functions, deliver training using electronic means and enable military and civilian personnel to access training using the web. DLS remains dedicated to providing a quality training delivery system to all Army components in the most expeditious and cost-effective manner possible. The P3I of DTFs into MDTFs will provide lower cost resources for Soldiers and DA civilians to access distributed learning, which provides the Army with the capability to obtain the state of readiness necessary to accomplish the Army’s mission and contributes to quality of life by increasing stability for both Soldiers and civilians in their personal and professional lives.

PRIME CONTRACTORS & LOCATIONS

- IBM, Fort Eustis, Va.
- Lockheed Martin, Fort Eustis, Va.
- eNGENIUS (worldwide)
MISSION
Integrate web-based software solutions and support services that enhance efficiencies for the Army National Guard (ARNG) and the Army Reserve (USAR) in maintaining mobilization, safety, personnel and force authorization requirements. Sustain and modernize the Army’s Reserve Component ability to achieve and sustain critical automation interoperability through centralized data management, common interfaces and applications, shared databases and standard, agile and open systems architecture.

DESCRIPTION & BENEFITS
RCAS is a world-class information technology project, committed to providing high quality sustainment and enterprise services in support of our nation’s citizen Soldiers, service members, their families and communities with solutions supporting training, day-to-day unit administration and mobilization of the Army’s Reserve Component. RCAS links approximately 10,500 ARNG and USAR units at nearly 4,000 sites located in all 50 states, three U.S. territories and the District of Columbia with the technological capability to administer, manage, prepare and mobilize forces more effectively. The Army’s Reserve Component comprises more than 50 percent of the total Army today. RCAS works directly with offices within the Department of the Army, the National Guard Bureau, the U.S. Army Reserve Command (USARC) and other agencies to provide design, upgrade and replacement products that support respective network infrastructure for the Army’s Reserve Component.

ACCOMPLISHMENTS
RCAS successfully implemented an Agile software development methodology to replace the traditional Waterfall software development methodology. This strategic change allowed RCAS to move to a quarterly release cycle, which added more functionality in a predictable manner for ARNG and USAR users. The change also enabled RCAS to be more responsive to customer feedback and requirements. The RCAS product refresh effort in FY16 focused on acquisition of critical network infrastructure components for the ARNG and USAR units across the 54 states and territories in order to maintain mandated security requirements. This enabled RCAS to conduct sustainment activities in life cycle refresh of basic end-user devices, security, network, Voice over Internet Protocol and virtual environments. RCAS successfully procured and delivered 51,225 hardware components for ARNG units across the 54 states and territories and for the USAR at Fort Bragg, North Carolina.

RECENT AND PROJECTED MILESTONES (FY16-17)
- Four RCAS releases in FY16
- Four RCAS releases in FY17
- Upgrade to Windows 10
- Upgrade the RCAS operating system baseline to Windows Server 2012

FUTURE FOCUS
The RCAS applications are being re-worked in order to reduce dependency on a single software platform with a vendor-agnostic database that provides improved value in terms of licensing, maintenance costs and technical functionality.
The RCAS 2025 vision will analyze requirements to leverage the efficiencies of reducing the number of repositories at the state/territory level. Through the product refresh effort, RCAS will continue to modernize the Army’s Reserve Component network infrastructure. RCAS will deploy software releases directly to ARNG and USAR customer-based servers with the ability to push automatic installations through either local or remote administration. RCAS is working towards upgrading existing information exchanges to web services in order to increase operational efficiency and effectiveness.

The RCAS Web provides Army Reserve Component users with secure access to web-based RCAS applications like Military Personnel Orders, Mobilization Planning Data Viewer, Retirement Points Accounting Management, Safety and Occupational Health, the Unit Personnel System/Command Management System and more.

**PRIME CONTRACTORS & LOCATIONS**

- Metova Federal, Cabot, Ark.
- Octo Consulting Group, McLean, Va.
- CACI Reserve Component Automation, Reston, Va.
FORCE MANAGEMENT SYSTEM (FMS)

MISSION
To provide IT modernization and integration solutions in support of the Army G-3/5/7 force structure portfolio mission, specifically focusing on cloud solutions leveraging virtualization and Global Force Management Data Initiatives (GFMDI) to the DOD and the Army Enterprise. To design, develop and deploy an FMS that will establish accurate, consistent and timely force structure information to the Army Force Management (FM) community.

DESCRIPTION & BENEFITS
FMS directly supports the Army FM mission of managing and allocating manpower and force structure information, documenting unit models (requirements and authorizations) and providing organizational/force structure solutions.

FMS successfully deployed virtualized MTOE and TDA applications to users at Fort Belvoir, VA, Fort Leavenworth, KS, and Fort Lee, VA.

towards the future force. FMS is the Army’s system to support the Joint Staff J-8 GFMDI and the Army’s Organizational Server effort. GFMDI is a DOD methodology that allows units, for the first time, to track forces down to the individual levels.
ACCOMPLISHMENTS
FMS successfully achieved full operating capability and is in the operations and sustainment life cycle phase. In coordination with the functional proponent, FMS charters a configuration control board to continue to provide the necessary system updates to ensure FMS provides an optimized capability for the Army.

FUTURE FOCUS
The FMS product office provides continued support and maintenance of the current FM systems. In addition, the FMS mission is evolving to encompass the full responsibilities of the overall global force management (GFM) objectives. The current GFM capabilities support critical Army functions to provide readiness, mobilization and deployment, Army force generation, and assignment, allocation and apportionment of Army forces.

PRIME CONTRACTORS & LOCATIONS
MISSION
DCATS enables information dominance for the Army, DOD, National Command Authority and international partners by acquiring, implementing and sustaining strategic satellite and terrestrial communications and leading technologies to meet current and future requirements.

DESCRIPTION & BENEFITS
DCATS manages a diverse portfolio of more than 30 strategic satellite and terrestrial communications systems including:

- Eight major programs with more than 45 customer organizations
- Over 100 supported projects that are managed with over 150 contracts
- More than $875 million in funding execution for programs and customers
ACQUISITION PHASE:

- Approximately 230 personnel working across the globe

ACCOMPLISHMENTS
- Executed over $470 million in FY16 to support special operations requirements
- Implemented the Manpower Information Retrieval and Reporting System to improve the management of DCATS personnel
- Continued outfitting all Army Corps of Engineers ships and fixed locations around the world with satellite communications for voice and data communications

FUTURE FOCUS
- Establish a communications configuration and asset management system that is scalable to support additional communications assets across the PEO and will enable stakeholders
- Continue to work with Project Manager Warfighter Information Network – Tactical on transport convergence
- Acquire and implement the Comprehensive Cost and Requirement System to link financial expenditures to requirements in project schedules
- Define the future of Army technical control facilities given new technologies and evolving roles
- Propose a reprogramming action to the Army G-8 to establish consistent funding for technical control facilities
- Move the joint telemedicine digital imaging capabilities to an accredited network
DEFENSE-WIDE TRANSMISSION SYSTEMS (DWTS)

MISSION
To provide the best value solutions to meet strategic long-haul and base-support communications needs worldwide for the DOD and other U.S. government agencies.

DESCRIPTION & BENEFITS
DWTS is the lifecycle manager of major defense terrestrial and satellite communications (SATCOM) programs, including the Combat Service Support (CSS) Automated Information Systems Interface (CAISI), CSS SATCOM Very Small Aperture Terminal (CSS VSAT) and the World Wide Technical Control Improvement Program (WWTCIP). CAISI provides a secure wireless local area network and is used to connect CSS computer systems deployed within the tactical battle space. The CSS SATCOM program provides a global, commercial satellite-based network capability to support the operating forces’ enterprise resource planning (ERP) and logistics systems. WWTCIP provides lifecycle replacement of existing multimedia transport and network management systems, upgrades existing operational transport systems and supports expansion of existing transport systems, fiber optic cable and network management systems. DWTS operates state-of-the-art technical control facilities that provide and sustain the Global Command Terrestrial Communications Program (GCTC).

ACCOMPLISHMENTS
DWTS migrated from the legacy CSS SATCOM network to the new DWTS Communication Network (DCN) in July 2015, which increased network reliability, coverage and capabilities for CSS VSAT customers including the Army Sustainment Command, Joint Telemedicine Network and Army Corps of Engineers. Migrating from the legacy network infrastructure represents an average annual cost avoidance of $11.3 million and contractual life cycle cost avoidance of $37.7 million.

Operation United Assistance employed CSS VSAT systems to support military efforts combating the Ebola Virus epidemic in Africa. Twenty CSS VSATS deployed as the operation’s primary satellite link for nearly 4,000 Soldiers. Before deploying, DWTS field service representatives upgraded the systems to enable operation from remote locations.

DWTS completed the Okinawa Microwave/Synchronous Optical Network project that included upgrades to the technical control facilities and the Joint
Warfare Inter-base Telecommunications (JWIT) network on its systems in Okinawa, Japan. The network enables telecommunication support and Defense Information Systems Network services to 35,000 end users across 18 U.S. military bases on Okinawa.

**RECENT AND PROJECTED MILESTONES (FY16-17)**

- Achieve Initial Operability Capability for CSS VSAT hardware transition life cycle sustainment plan
- Support Global Combat Support System – Army (GCSS-Army) testing with multiple optimization technologies intending to improve transactions over the CAISI and CSS VSAT networks
- Okinawa JWIT fiber remediation FOC
- Integrated Network Operations Center re-compete contract award
- DCN re-compete award
- Complete DCN CSS VSAT terminal modem replacement project
- Okinawa tower remediation contract award

**FUTURE FOCUS**

- Support GCSS-Army deployment
- Support Transport Convergence Phases II and III
- VSAT after next market research
- Korea Asynchronous Transfer Mode/Synchronous Optical Network replacement project
- GCTC IV re-compete award

**PRIME CONTRACTORS & LOCATIONS**

- L-3 Global Communications Solutions, Victor, N.Y.
- SalientCRGT, Fairfax, Va.
- DRS Technologies, Herndon, Va.
- Nisga’a Data Systems, Herndon, VA
LAND MOBILE RADIO (LMR)

MISSION
To acquire, manage and deliver LMR communication systems that support public safety, unit and base operations worldwide.

DESCRIPTION & BENEFITS
LMR provides Army-wide, non-tactical, garrison-level LMR systems. LMR systems are commercial solutions that provide mobile and portable communication support for garrison public safety, force protection and facilities maintenance operations. Among the primary users of LMR are installation military police, fire departments and emergency medical personnel. LMR maximizes the use of scarce radio spectrum, provides secure voice transmissions and mutual aid interoperability with local, state and federal entities. LMR systems are key components of the Army enterprise that provide a seamless communications network in support of base-level communications and infrastructure.

ACCOMPLISHMENTS
In 2015 and 2016, LMR achieved full operational capability at six locations, providing upgraded LMR communications in support of installation public safety and force protection security missions for a total of 28 Army installations. LMR awarded new contracts for Radford Army Ammunition Plant, Virginia; Rock Island Arsenal, Illinois; Hawaii; and the Europe Enterprise LMR System.
ACQUISITION PHASE:

RECENT AND PROJECTED MILESTONES (FY16/17)

- Full operational capability:
  » Radford Army Ammunition Plant
- Award Subscriber Unit Radio and Accessory Contract
- Award Army Continental U.S. (CONUS) Enterprise LMR

FUTURE FOCUS

LMR will employ the Army CONUS Enterprise (ACE) LMR system throughout CONUS. The ACE LMR model changes the Army’s LMR implementation strategy from single installation level standalone LMR systems to a CONUS-wide enterprise model. This model will eliminate the need to procure LMR core infrastructure at each base and will move system management functions to a centralized location.

LMR will implement a shared system throughout Europe by connecting the Army stand-alone LMR systems to the existing Air Force LMR core infrastructure.

LMR will execute the Subscriber Unit Radio and Accessory Contract, a multiple award, indefinite delivery/indefinite quantity contract, to allow end users to procure subscriber devices, accessories and ancillary services. All available devices will be pre-tested to ensure interoperability on the disparate LMR infrastructures.

PRIME CONTRACTORS & LOCATIONS

- Motorola, Columbia, Md.
- Harris Communications, Lynchburg, Va.
PEO ENTERPRISE INFORMATION SYSTEMS

WIDEBAND ENTERPRISE SATELLITE SYSTEMS (WESS)

MISSION

WESS develops, acquires, produces, fields and sustains reliable, effective and supportable enterprise wideband satellite communications systems for the DOD, Army and joint warfighting community. WESS provides combatant commanders, deployed military personnel, DOD and national leadership with secure, high-capacity satellite connectivity. WESS also provides satellite payload control systems to plan, monitor and manage the Wideband Global SATCOM (WGS) and the Defense Satellite Communications System (DSCS) satellite constellations.

DESCRIPTION & BENEFITS

WESS annually manages $300 million to provide the vast majority of the DOD’s worldwide satellite gateways. With over 100 current enterprise-size satellite terminals in the field and nearly 90 new terminals being fielded through the Modernization of Enterprise Terminals (MET) project, WESS provides the bulk of the DOD’s satellite hub infrastructure. Along with large enterprise terminals, WESS implements innovative technologies to provide baseband connectivity and capacity to the Army and joint force. WESS supports payload control systems for DSCS and WGS and acquires and installs strategic satellite network control and planning, continuous satellite monitoring and automatic response to jamming, power and bandwidth management software and subsystems. WESS’s Senior National Leadership Communications (SNLC) program provides reliable, secure communications during times of crisis to reduce the risk of war.

ACCOMPLISHMENTS

MET is currently within a 10-year production contract. In 2016, WESS ordered 10 MET systems, bringing total production orders to 77. WESS completed the installation, test and handoff of 25 terminals, with 10 installations currently in progress.

Wideband control fielded software and hardware upgrades for over 21 subsystems supporting payload planning and configuration of eight deployed WGS satellites, five Wideband Satellite Operations Centers (WSOC) and 11 Remote Monitoring and Control Elements (RMCE) world-wide.

The baseband group upgraded and installed a variety of modems, multiplexers, patch, test, encryption equipment and rack fabrication for over 145 rack types and 250 baseband equipment types. This equipment provides interoperability between tactical and strategic communications architectures through the Standardized Tactical Entry Point and Teleport systems. These subsystems are collocated at the enterprise Gateway SATCOM locations, regional satellite support centers and global satellite support centers supporting three continents, seven islands and 14 countries.
RECENT AND PROJECTED MILESTONES (FY16-17)

- 20 MET fieldings at eight CONUS and 12 OCONUS locations
- SNLC network upgrade
- Direct Communication Link foreign equipment installation and antennae modernization
- Wideband training and certification system testing and installation at Fort Gordon, Georgia, and Colorado Springs, Colorado
- WGS 8 and 9 launch and activation
- Global SATCOM configuration control element testing and installation at: Wahiawa, Hawaii; Fort Detrick, Maryland; Fort Meade, Maryland; Fort Buckner, Okinawa, Japan; and Landstuhl, Germany
- Power distribution rack modernization at 14 worldwide locations
- Interconnect facility modernization at three worldwide locations
- Integrated control console modernization at 13 worldwide locations

FUTURE FOCUS

WESS will continue the innovation, renovation, modernization and sustainment of a diverse portfolio of strategic satellite and wideband communications systems supporting more than 45 separate customer organizations throughout the U.S. government, DOD, Army, Navy, Air Force, allied governments and hundreds of service locations.

Research and development efforts focusing on providing highly protected communications prototype system and specifications for an affordable anti-jam communications system for WGS users. Ensure future SATCOM terminal performance through the coordinated development of digital intermediate frequency terminal systems and equipment to gradually replace existing L-band intermediate frequency earth terminal systems.

Converge disparate commercial networks that support DOD customers onto the Enterprise Gateways and Warfighter Information Network – Tactical’s regional hub nodes.

PRIME CONTRACTORS & LOCATIONS

- Boeing, El Segundo, Calif.
- AASKI Technology, Ocean, N.J.
- RLM Communication, Springlake, N.C.
- Harris Corporation, Melbourne, Fla.
- Northrup Grumman, Orlando, Fla.
MISSION
To modernize and deliver global network infrastructure, technologies and defensive cyber capabilities worldwide, thus enabling strategic network communications in direct support of joint warfighters and other mission and coalition partners. To enable strategic information sharing, enterprise services and command and control while transforming the network to be centralized, more secure and operationalized.

DESCRIPTION & BENEFITS
I3C2 transforms network infrastructure and services for the Army’s Global Network Enterprise Construct/LandWarNet and DOD’s Joint Information Environment (JIE). I3C2 is responsible for acquiring and delivering the generating force network capability that extends a single Army network from each post, camp and station (P/C/S) to the tactical edge. I3C2 deploys and modernizes information technology infrastructure to provide secure, reliable, survivable, interoperable and standards-based access to data, voice and unified capabilities and communications (UC) infrastructure on classified and unclassified domains and coalition networks at permanent and contingency locations around the world. I3C2 is delivering enhancements to the Soldier, enabling “first to fight” posture ability to effectively “fight upon arrival” and is making a significant contribution towards achieving the Army’s IT objectives.

ACCOMPLISHMENTS
• Increased efficiency, performance, data security and command and control of the IT environment at Main Communications Facility, Camp Arifjan, Kuwait
• Consolidated resources in one central location while providing network and communications to more than 40,000 users at the Cyber Center, Wiesbaden, Germany
• Upgraded U.S. Southern Command Crisis Action Center, Joint Operations Center, Joint Planning Group JPG1, JPG2 and JPG3
• Completed Home Station Mission Command Center acquisition strategy for 1st, 3rd, 4th and 25th Infantry Divisions

RECENT AND PROJECTED MILESTONES (FY16-17)
• The transition of personnel and build out of U.S. Army Garrison Humphreys to support the Korea Transformation Yongsan Relocation Plan/Land
Partnership Plan. This project represents approximately $828 million of command, control, communications, computers and intelligence efforts

- Modernize and field 18 corps, division and theatre command centers to allow expeditionary mission command during all operational phases; HSMCC includes uninterrupted mission command through an intuitive, secured and standards-based network adapted to commanders’ requirements and integrated into a common operating environment
- LAN Software Contract capability at each base and P/C/S to support voice over internet protocol
- Capability to de-commission Time Division Multiplexing
- Session Border Controller capability at each base and P/C/S to support Assured Services Internet Protocol trunk

**FUTURE FOCUS**
I3C2 is committed to delivering a standardized global infrastructure that is scalable, accessible, flexible and defensible, while ensuring streamlined access to the Army’s applications, data and enterprise services to the Soldier. I3C2 prides itself on developing and implementing repeatable product baselines and business processes for agile and efficient acquisition and project execution. I3C2 is working towards upgrading existing information exchanges to web services wherever possible in order to increase operational efficiency and effectiveness.

**PRIME CONTRACTORS & LOCATIONS**

- CDW-G, Vernon Hills, Ill.
- BlackBox, Herndon, Va.
- Octo Consulting Group, McLean, Va.
- CACI Reserve Component Automation, Reston, Va.
- Siemens Government Services, Reston, Va.
PEO ENTERPRISE INFORMATION SYSTEMS

POWER PROJECTION ENABLERS (P2E)

MISSION
P2E delivers the full spectrum of network, information and infrastructure modernization services outside the continental United States (OCONUS). P2E allows Soldiers and commands to access, process and act upon information anytime, anywhere, thus enabling information dominance across all phases of joint and coalition operations.

DESCRIPTION & BENEFITS
P2E procures and implements enterprise-wide information technology (IT) capabilities and services supporting deployed forces in the Central Command (CENTCOM), European Command (EUCOM), Africa Command (AFRICOM) and Pacific Command (PACOM) areas of operation.

P2E provides the Army with capabilities and adaptive processes that support net-centricity, secure access to knowledge and improved information systems and services throughout the Army environment, including:

- IT infrastructure modernization and life cycle management of the Army’s OCONUS regional area networks and strategic command centers (SCC)
- Data center support services, including virtualization services and solutions, disaster recovery services and continuity of operations
- Network access and infrastructure services creating an integrated architecture that supports Soldier access to services and information sharing across communities of interest, including configured physical hardware (e.g., routers, switches and wireless access points), access methods and protocols
- Providing a seamless transition of personnel and services to U.S. Army Garrison (USAG) Humphreys under the Korea Transformation, Yongsan Relocation Plan/Land Partnership Plan (YRP/LPP)

ACCOMPLISHMENTS
Provided and sustained the command, control, communications, computers and intelligence (C4I) systems and services for classified and unclassified joint and coalition networks in support of Operations Enduring Freedom and Iraqi Freedom in Afghanistan and Iraq.

P2E increased efficiency, performance, data security and command and control of the IT environment at the main communications facility in Camp Arifjan, Kuwait.
P2E managed the consolidation of resources into one central location while providing network and communications capabilities to more than 40,000 users at the Cyber Center in Wiesbaden, Germany.

RECENT AND PROJECTED MILESTONES (FY16-17)

- P2E will continue to support Southwest Asia, EUCOM, AFRICOM, and PACOM areas of operation.
- Transition of personnel and build out of USAG Humphreys to support the Korea Transformation YRP/LPP; this effort represents approximately $828 million in C4I projects.
- Overseeing the data center build and supporting network and modernization efforts that will enable the Army to sustain and enhance business operations and assist in transforming the acquisition workforce.

FUTURE FOCUS

P2E remains committed to delivering a standardized, global infrastructure that is scalable, accessible, flexible and defensible while ensuring streamlined access to the Army’s applications, data and enterprise services to the Soldier. P2E prides itself in developing and implementing repeatable product baselines and business processes for agility and efficiency in acquisition and project execution as it reaches out to new customers in EUCOM, AFRICOM and PACOM. By ensuring the organization is properly staffed and aligned, P2E performs regional services and maintains a global strategy while proactively facing rapidly changing requirements and emerging technologies.

PRIME CONTRACTORS & LOCATIONS

- Tribalco, Bethesda, Md.
- HCTS, Winnebago, NE
- EPS, Tinton Falls, N.J.
- Black Box, Lawrence, Pa.
- M1st, Arlington, VA
- SMS, McLean, VA
- LGS Innovations, Herndon, Va.
- Futron, Woodbridge, VA
INSTALLATION INFORMATION INFRASTRUCTURE MODERNIZATION PROGRAM (I3MP)

MISSION
I3MP enables the Warfighter through information technology, infrastructure modernization and life cycle management of the Army’s CONUS Installation Campus Area (Voice, Video & Data) Networks and strategic Command Centers across the Army.

DESCRIPTION & BENEFITS
I3MP provides core command, control, communications, computers and intelligence (C4I) infrastructure for joint, coalition and interagency capabilities at Army and Army-supported command centers. I3MP also provides core infrastructure to include system and technical facilities, protected distribution systems and site preparation for other support equipment.

Home Station Mission Command Centers (HSMCC): A suite of standardized capabilities used at corps, division and theater headquarters that allows expeditionary mission command during all operational phases. HSMCCs nest within the mission command network vision: expeditionary, uninterrupted mission command through a network comprised of intuitive, secured and standards-based capabilities adapted to commander’s requirements that are integrated into a common operating environment.

Installation Capability Sets - CONUS (ICS-CONUS): Provides CONUS Army bases, posts and stations with foundational Installation Capability Sets (ICS). Capabilities Sets include data network modernization, outside plant modernization and voice network modernization. ICS projects enable sets conditions for the implementation of NETMOD-C and HSMCC capabilities.

Network Modernization - CONUS (NETMOD-C): I3MP is working to replace all Network Enterprise Center managed ethernet switches on Army bases, posts, camps and stations with a single switch vendor. The NETMOD-C project is a completely new way of delivering capabilities with the Army as the systems integrator. The project is fielded by an integrated team comprised of PEO EIS, I3MP, 7th Signal Command (Theater), 106th and 93rd Signal Brigades, local network enterprise services personnel, Tobyhanna Army Depot, U.S. Army Forces Command, Defense Logistics Agency and local Signal Soldiers.

White House Communications Agency Modernization: I3MP is modernizing premise wiring and supporting infrastructure to provide proper user accessibility and voice over internet protocol (VoIP); modernizing the intra-building and inter-building backbone cabling infrastructure; modernizing telecommunications facilities to meet industry standards; implementing a wireless local area network/Wi-Fi solution; cleaning up abandoned cabling and equipment; and providing a more standard, documented and organized IT infrastructure.

ACCOMPLISHMENTS
HSMCC:
- Completed 19 Home Station Mission Command Centers (HSMCC) site surveys (18 AC sites and 1 ARNG)
- Completed the HSMCC acquisition
strategy for the 1st, 3rd, 4th and 25th Infantry Divisions
• Procured hardware and installation services for initial four FY16 HSMCC sites
• Implementation ongoing at 4th, 25th, 1st and 3rd which serve as the initial test bed for future HSMCC sites
• Postured for FY17 HSMCC sites; engineering documentation complete
• Task Order Strategic Command Center (SCC) 15-01 contract awarded to upgrade U.S. Southern Command crisis action center, BRIDGE, joint operations center, joint planning groups 1, 2 and 3
• Secure video teleconference awarded to upgrade three VTC rooms at PEO EIS headquarters
• Continued installation of the Emergency Action Console (EAC) System at the Pentagon and COOP Sites

CONUS:
• Completed 11 projects valued at $212.6 million in FY15
• Completed one project valued at $27.7 million in FY16
• Actively working one pre-award and eight post award contracts valued at $87.1 million in FY16-17

NETMOD-C:
• Completed modernizations at 22 bases; completed 10 surveys
• Preparation of 20 sites for FY17 modification
• Forty-two percent of the Army population was modernized at the end of 2015; upon completion of the funded fiscal year 2016 sites, the modernized Army population is forecasted to be 71 percent

RECENT AND PROJECTED MILESTONES (FY16-17)

CONUS:
• Robust outside plant and facility infrastructure
• Provide local session controller capability at each base, post, camp or station to support VoIP
• Capability to decommission time division multiplexing
• Session border controller capability at each base, post, camp or station to support assured services Internet Protocol trunk

NETMOD-C:
• Complete 22 sites for FY17 modifications

HSMCC:
• Continue implementation of joint planning rooms at U.S. Southern Command pending funding of UFRs
• Upon funding, modernize FY17 HSMCC sites at 82nd Airborne Division, 10th Mountain Division, I Corps and III Corps (1st Armored Division and 28th Infantry Division will be upgraded in FY18) to allow expeditionary mission command during all operational phases
• HQDA G-3/5/7 prioritization approval of U.S. Army Forces Command identified FY18 sites: XVIII Corps, 101st Airborne
Division, 1st Calvary Division, 7th Infantry Division, 20th Chemical, Biological, Radiological, Nuclear and Explosives Command & 32 Army Air and Missile Defense Command

- 2QFY17 Award Task Order for Alternate Military Command Center (ANMCC) 16-01 contract to furnish, install, secure and test Site R command & control infrastructure Modernization for ANMCC facilities (six rooms), ANMCC TV Control Room and Crisis Management Intercom System
- Final testing and final installation completion of emergency action console conferencing

FUTURE FOCUS
- Unified capability
- VoIP architecture design and implementation

PRIME CONTRACTORS & LOCATIONS
- Engineering and Professional Services, Tinton Falls, N.J.
- LGS Innovations, McLeansville, N.C.
- BlackBox, Herndon, Va.
- Siemens Government Services, Reston, Va.
- VAE, Reston, Va.
PEO ENTERPRISE INFORMATION SYSTEMS
DEFENSIVE CYBER OPERATIONS (DCO)

MISSION
DCO provides critical capabilities that preserve a commander’s ability to use friendly cyberspace capabilities and protect data, networks, net-centric capabilities and other designated systems in all operating environments and conditions. Specifically, DCO protects against, detects, mitigates and responds to anomalous network activity generated by cyber threats. Commanders conduct DCO using organic and expeditionary assets tied into the overall Army enterprise that implement internal defensive measures and external response actions. The overall objective is to establish defense-in-depth across the entirety of cyberspace by simultaneously combining DCO capabilities at global, regional and local levels using a layered and adaptive approach with supporting elements employed physically and virtually in support of cyberspace and unified land operations.

DESCRIPTION & BENEFITS
DCO consists of four efforts based on Army Cyber Command-identified operational needs statements, Big Data Analytics, DCO – Infrastructure (DCO-I), Cyber Protection Team (CPT) Tools and Web Vulnerability Phase II (planned for FY18). In addition the program strategy will facilitate prioritized capability sets in FY17/FY18 that will mitigate risk and facilitate early delivery of capabilities.

- Garrison DCO Platform (GDP): pre-positioned infrastructure at select installations that enables global cyberspace defenders (i.e., CPTs) to maneuver remotely into a network in order to augment local and regional cyberspace defenders, organic to the garrison and conduct DCO. The GDP consists of two configurations:
  - Installation-Based GDP (GDP): GDP is employed on installations based on the type of organizations present as well the Army’s Installation Protection Priority List (AIPPL) to allow for visibility of layer 2 & 3 traffic laterally traversing within a base/post/camp/station.
  - Regional GDP (R-GDP): Builds upon the capabilities of the GDP but is configured in a way to support the requirement for more robust data ingest, processing and storage in order to have visibility of inter-base (layer 3) traffic entering or traversing several bases/posts/camps/stations.

- Deployable DCO Systems (DDS): a deployable (fly away) kit for austere environments or locations that do not have prepositioned infrastructure. It provides global cyberspace defenders (e.g., CPTs) the ability to jump into a network, physically, onsite and create maneuver space to augment organic local and/or regional cyberspace defenders by serving as a quick reaction force, security enhancement or reinforcement. The DDS consists of two configurations:
  - Initial
    - Compute and storage
resources capable of supporting a DCO mission lasting zero to five days.

**Sustained**
- Compute and storage resources capable of support a DCO mission lasting longer than four months.

**DCO Tool Suite**
- A flexible and dynamic set of Commercial off the Shelf, Government off the Shelf or developed software based set of warfighting capabilities that enable Cyber Mission Forces and in some cases local defenders to perform DCO and cyberspace security missions. DCO Tools also consists of a development and assessment environment enabling Soldiers to make immediate changes to tool, create tools and update tools in a controlled environment.

**DCO Mission Planning (DCOMP)**
- Application-based scalable, secure warfighting capability to support cyberspace operations mission command and planning at the global, regional and local levels. DCOMP provides workflow management, integrates network security requirements, provides intelligence and vulnerability analyses, performs mission analysis and other military decision making process outputs and enables cyberspace forces to identify key terrain, determine probable attack vectors and produce a set of relevant internal defense measures.

**Cyber Analytics**
- IT cyberspace threat and vulnerability hunting capability that will allow the Army cyber mission forces to ingest multitudes of data sources,
correlate that data, perform analysis and then turn that data into visual information in order to detect and illuminate adversaries and vulnerabilities.

**User Activity Monitoring (UAM):**
- The primary capability within the Army’s overall insider threat program. UAM will mitigate gaps that inhibit the Army’s ability to identify anomalous or malicious user activity that may pose a threat to the Joint Worldwide Intelligence Communications System (JWICS) and Secure Internet Protocol Router Network (SIPRNet) networks. UAM is a software-based, scalable solution that proactively identifies and mitigates internal risks associated with the theft or misuse of critical, mission essential data. It uses an integrated approach with a centralized UAM cell sending data to a core insider threat hub.

**Forensics and Malware Analysis (F&MA):**
- This capability will be composed of a set of applications used to provide the enterprise-level function to detect, analyze, mitigate and eradicate malicious IT threats (malware) on defended networks. F&MA will hunt for malware residing on processing components, including clients, servers and network components. It will also provide information support on assessment of damages and restoration. The applications will examine the operation of malware, isolate and extract it from the contaminated network to a controlled environment.

**ACCOMPLISHMENTS**

**Big Data Analytics**
- Initial software development efforts have enhanced the Army’s DCO analytical capabilities, resulting in improved abilities for U.S. Army Research Laboratory to execute their Computer Network Defense Service Provider mission.
- Initial hardware purchases provided the Army Cyberspace Operations and Integration Center and regional cyber centers with their initial operational big data analytics platforms.

**GDP**
- Initial capabilities included the designed and integration of both hardware and software into the first GDP prototype platform that was delivered to three CONUS sites plus two OCONUS sites. These prototypes will be used to gain knowledge and will further inform the requirement definition package for DCO infrastructure.

**Deployable DCO Systems (DDS)**
- Three initial capabilities provided to CPTs in addition to sustainment of the legacy DDI System. In preparation for phase III, PEO
EIS led the initial planning for the integration of each vendor’s kit.

RECENT AND PROJECTED MILESTONES (FY16-17)

- DCO Information System initial capabilities document completed Joint Requirements Oversight Counsel review and received signature (October 2016)
- The U.S. Army Training and Doctrine Command Capability Manager released eight draft requirement definition packages
- Materiel development decision planning in progress to request Army Acquisition Executive delegate Milestone Decision Authority for DCO programs to PEO EIS

FUTURE FOCUS

The DCO strategy consists of generating multiple programs based on the requirements definition packages, the subordinate requirements documents under the IT box framework. The U.S. Army Training and Doctrine Capability Manager – Cyber has drafted eight requirements definition packages to date, seven of which will be assigned to PEO EIS:
- DCO Tool Suite
- DCO Mission Planning
- Garrison DCO Platform (GDP)
- User Activity Monitoring
- Forensics and Malware Analysis
- Defensive Cyberspace Analytics
- Deployable DCO

Approval of RDPs
RFI’s & Draft RFPs
Continuing of Prototypes
MISSION
Develop, deliver and sustain enterprise-level services that enable end-to-end communication, collaboration, messaging, content management and application hosting across the Army.

DESCRIPTION & BENEFITS
ES delivers secure, modern, agile, effective and efficient enterprise services through its five product organizations:

• Acquisition, Logistics and Technology Enterprise Systems and Services (ALTESS)
• Computer Hardware, Enterprise Software and Solutions (CHESS)
• Enterprise Computing (EC)
• Enterprise Content, Collaboration and Messaging (EC2M)
• Human Resource Solutions (HR Solutions)

ACCOMPLISHMENTS
ES capabilities truly connect the global Army through communication, collaboration, messaging, content management and application hosting. ES also provides the Army with HR support and services to sustain and maintain a mission-ready workforce. ES manages cloud hosting, application and system modernization, data center consolidation, communication, collaboration and messaging, IT services.
and hardware and software procurement in addition to providing knowledge-based human resource capabilities to sustain a mission-ready workforce.

RECENT AND PROJECTED MILESTONES (FY16-17)
ES supports the Army’s cloud computing initiative through the Army Application Migration Business Office, ensuring the availability of cost-efficient and cutting-edge technology for the Army’s Soldiers and civilians with the ITES-3H and ITES-3S contract awards. These initiatives lead the effort to launch unified capabilities across the Army and improve the Army’s cybersecurity posture through a comprehensive approach to data infrastructure and big data analysis. In the next fiscal year, ES will be at the forefront of the Army’s technology modernization efforts and actively involved in providing enterprise services to the Army.

FUTURE FOCUS
ES will lead the transformation of the Army’s legacy acquisition services to a shared enterprise services model that enables a seamless, integrated front end for the Soldier on any trusted device, anywhere, anytime. ES will identify and acquire enterprise level solutions to the Army’s communication, technology and human resource challenges today for the Army of tomorrow.

PRIME CONTRACTORS & LOCATIONS

ES develops, delivers and sustains enterprise-level services that enable end-to-end communication, collaboration, messaging, content management and application hosting across the Army. The organization fulfills its mission with the help of its team of acquisition and information technology professionals across five product organizations.
MISSION
To provide technology, expertise and world-class IT services to the DOD through effective and efficient operations in a secure environment. ALTESS is a DOD leader in providing application modernization and migration services required for staging and enabling applications for hosting to the cloud. All ALTESS IT services are provided with a proven service delivery process and state-of-the-art technologies.

DESCRIPTION & BENEFITS
ALTESS provides cost-effective, full life cycle support for DOD information systems. In addition to providing IT service management based on Information Technology Infrastructure Library best practices, ALTESS operates a state-of-the-art data center, and is an IT service provider offering:
• Application modernization
• IT engineering
• Cybersecurity
• Data management
• Service desk facilities

ACCOMPLISHMENTS
ALTESS effectively employed a strategy to provide a world class data center with robust, secure IT services, exceeding DOD expectations and providing cost avoidance. By thinking forward and planning for future capabilities, ALTESS meets customer needs while also providing a versatile environment for future defense information systems.
ALTESS professionals from across the organization developed plans to provide:
• A secure facility
• Fully redundant capabilities
• A robust network architecture
• Storage area network services
• A server virtualization platform
• Cybersecurity common services
• Application sustainment and modernization services

All of this design adheres to DOD guidelines and specifications as well as with commercial best practices.

RECENT AND PROJECTED MILESTONES (FY16-17)
• Award of follow-on contract for IT services labor support
• Procure capacity on-demand services for critical IT infrastructure components

Source: ARMY AL&T magazine; Photo by PFC Benjamin Boren.
ACQUISITION PHASE: OPERATIONS AND SUPPORT

• Continued to provide exceptional IT services to the DOD with a focus on application modernization and cloud enablement

FUTURE FOCUS
Demand for application modernization will require increased focus on cloud computing. Meeting this challenge will require higher tolerance for hardware failure, changes to strategy and data management, greater economy of scale and demand for applications that efficiently consume computing resources. ALTESS will continue to focus on providing IT services and hosting capabilities while also concentrating on modernization efforts to help the Army streamline its many applications. ALTESS’ approach of a shared data environment, mature processes and realized IT efficiencies can be applied to support standards, specifications and models for DOD data centers and the IT services they provide.

The ALTESS data center utilizes proven technologies to meet the performance and security needs of the Army and the DOD.

• IBM, Radford, Va.

PRIME CONTRACTORS & LOCATIONS
MISSION
CHESS is the primary source supporting the Soldier’s information dominance objectives by developing, implementing and managing commercial information technology (IT) contracts that provide enterprise-wide, net-centric hardware, software and support services for the Army.

DESCRIPTION & BENEFITS
CHESS is the Army’s designated source for commercial IT. CHESS provides a no-fee flexible procurement strategy through which Army users obtain commercial-off-the-shelf (COTS) IT hardware, software and services via the CHESS IT e-mart (https://chess.army.mil). The CHESS IT e-mart offers simple, straightforward contract vehicles for customers to request quotes or proposals. These contracts provide continuous vendor competition for best value and consolidation of requirements to maximize cost avoidance and leverage the Army’s buying power. CHESS offers major IT equipment manufacturers and resellers along with many small businesses. CHESS provides the Army with annual savings through cost-avoidance and added value through years of experience conducting market research and negotiation. Total sales in FY16 were $2.3 billion, of which $1.8 billion came from Army customers.

ACCOMPLISHMENTS
CHESS is tasked with implementing Army-wide consolidated buys of desktop and notebook computers, which is the most cost effective approach to fulfilling user requirements. The consolidated buy process is also in direct support of the Army Chief Information Officer (CIO/G-6) strategy for acquiring products which are fully compliant with federal desktop computing regulations, as well as DOD and Army security and interoperability standards.

CHESS is the Army’s Enterprise Software Initiative Software Product Manager (SPM). In this capacity, CHESS manages the DOD and Army Enterprise Software Agreements (ESA) whose use has been mandated by the Army CIO/G6. CHESS also has Statement of Non-Availability authority if an ESA cannot meet user requirements. CHESS reduces acquisition and support costs by leveraging the DOD’s buying power.

CHESS is the single source for acquisition of COTS IT products and services. (Source: U.S. Army Photo)

RECENT AND PROJECTED MILESTONES (FY16-17)
- Army Desktop and Mobile Computing (ADMC) - 3 Request for Proposal (RFP) Release & Award
- VMWare ESI RFQ release
- ADMC-2 extension/ceiling increase
- Information Technology Enterprise Solutions (ITES) - 3 Services RFP release
- IT e-mart functional release
SMARTBOOK

ACQUISITION PHASE: OPERATIONS AND SUPPORT

ACQUISITION PHASE:
• ITES-3H award
• CA ESI RFQ release
• Reverse Auction Capability
• Information Technology Services - Small Business (ITS-SB) extension/ceiling increase
• Adobe Award
• Microsoft Award
• Veritas Award

FUTURE FOCUS
Moving forward, CHESS will continue to leverage proven business models and expand product lines to ensure beneficial, timely and appropriate product and services offerings that leverage Army buying power and align with the Army Strategic Sourcing Initiative. CHESS will also continue to support the DOD in its role as the Army SPM on the DOD ESI. Finally, CHESS is focused on customer service and usability by enhancing the ordering and user experiences of those purchasing from the IT e-mart.

PRIME CONTRACTORS & LOCATIONS

• ValidaTek, Arlington, Va.
• Four, Centreville, Va.

CHESS provides training sessions on how to efficiently and effectively utilize the IT e-mart.
**MISSION**
EC provides future-focused solutions that modernize and optimize enterprise IT activities through cost-effective and policy-compliant delivery of cutting-edge infrastructure and services.

**DESCRIPTION & BENEFITS**
EC oversees a portfolio consisting of three primary initiatives:

- **The Army Enterprise Service Desk (AESD)** provides 24-hour support services to Army sites and functional organizations.

- **The Army Software Marketplace (ASM)** establishes the governance and business processes for transforming how Army users access, share and leverage enterprise software.

- **Army Data Center Consolidation Plan (ADCCP) Support** provides analysis and assistance services in support of cloud migration to include Army Private Cloud Enterprise (APCE), on/off-prem and the four Core Army Enterprise Data Centers (AEDCs).

**ADCCP Support includes:**
- Data Center/Cloud/Generating Force (DC/C/GF), which delivers a cloud-enabled computing infrastructure with shared network, server and storage resources, as well as a path to migrate existing applications to the cloud.
- Army Cloud Computing

**Enterprise Transformation (ACCENT)** provides services and solutions necessary for the migration of eligible Army enterprise applications to the commercial cloud. Cloud computing solutions include the following DOD Authorized Cloud Service Offerings: Information as a Service, Platform as a Service and Software as a Service.

- **The Army Application Migration Business Office (AAMBO)** develops and publishes standards and criteria for the Army’s migration process while providing capability assessments, cybersecurity analysis, migration tool automation/development and guidance and support to capability owners.

**ACCOMPLISHMENTS**
EC’s programs reached a number of milestones and successes:

- For Army Customers, AESD handled almost one million incidents and service requests.
- AESD Customer Resource Management went online Nov. 28, 2016.
- AAMBO completed nearly 400 migration assessments; 20 capabilities are in the migration planning phase.
ASM entered the Enterprise Information Environment Mission Area (EIEMA) IT Requirements Validation Process (RVP) Phase II with the concept of operations and functional requirements document at three-star staffing.

AESD-Pacific (AESD-P), AESD-Korea (AESD-K) and Fort Belvoir SIPRNet/NIPRNet service desks have achieved interim operational capability and have entered the building phase.

RECENT AND PROJECTED MILESTONES (FY16-17)

- ASM will complete the EIEMA IT RVP and migrate into pre-materiel development decision efforts.
- The DC/C/GF program will facilitate implementation of enterprise identity and access management as a service, develop and implement an IT service management-based service catalog across all cloud service providers and design and implement shared services models.
- ACCENT ordering to be available FY17.
- AAMBO will provide support to the Secretary of the Army memo that establishes Army private cloud.
- ASM concept of operations expected mid-2017.
- AAMBO will sustain the streamlining of business processes and requirements and identify compression points within the system and application migration work breakdown structure.
- AAMBO will sustain the streamlining of business processes and requirements and identify compression points.
within the system and application migration work breakdown structure

**FUTURE FOCUS**

EC will develop the common operating environment infrastructure-as-a-service and software-as-a-service standards to be implemented at DOD-approved enterprise hosting locations. The ADCCP program will continue to provide support and guidance to Army commands executing the tasks as directed in the Secretary of the Army Directive 2016-38 (Migration of Army Systems and Applications to Approved Hosting Environments and Consolidation of Data Centers), signed Dec. 9, 2016. AAMBO will continue to support U.S. Southern Command’s system/application discovery and migration while collaborating with the Army’s CIO/G6 office to identify and add owners of public-facing websites into the AAMBO migration queue. ASM will conduct research development test & evaluation to determine and implement the ASM operational environment. AESD will sustain and expand the AESD-P, AESD-K, Fort Belvoir SIPRNet/NIPRNet service desks and enterprise support while strategically supporting the Windows 10 roll out.

**PRIME CONTRACTORS & LOCATIONS**

- Connected Logistics, Huntsville, Ala.
- Unisys, Reston, Va.
MISSION
Increase efficiencies and align resources to deliver and sustain enterprise-level IT capabilities that enable end-to-end collaboration, messaging and content management across the Army workforce.

DESCRIPTION & BENEFITS
EC2M manages four enterprise IT initiatives: Army Knowledge Online (AKO), Department of Defense Enterprise Email (DEE), Enterprise Content Management and Collaboration Service (ECMCS) and Unified Capabilities (UC).
AKO is the Army’s enterprise portal that provides file storage and sharing, organizational and individual web pages and search for over 1.6 million users.
DEE is a cloud-based email service for nearly 1.5 million users and 80,000 mobile users.
ECMCS is an enterprise SharePoint instantiation offering capabilities that enable team collaboration, content management, records management and business process management among Army users, regardless of location. The UC acquisition will provide a full suite of services for integrated voice, video, instant messaging/chat, presence and screen sharing to enable synchronous collaboration for Army on any approved device, using commercial-off-the-shelf product and common industry networking protocols.

ACCOMPLISHMENTS
To improve e-mail capabilities and reduce costs, PEO EIS worked with DISA to complete the Army’s migration to DEE, and moved existing Army accounts to DISA infrastructure, resulting in the creation of more than 1.5 million DEE accounts with a global address list that is accessible worldwide using common access cards and public key infrastructure authentication.
Since July 2014, ECMCS has transitioned and currently supports more than 109 Army organizations, representing more than 145,000 users, from multiple geographically-dispersed installations to an enterprise solution.
RECENT AND PROJECTED MILESTONES (FY16-17)

- Blackberry migrations for all Army organizations
- Annual enterprise service level agreement review
- Army home page migrations from AKO to Acquisition, Logistics and Technology Enterprise Systems and Services
- UC request for proposal released

FUTURE FOCUS
EC2M has four key initiatives to fulfill in the near future through its programs. EC2M’s ECMS program will shift to command or customer funded. The UC program will move forward with its acquisition decision memorandum. Finally, AKO will virtualize its portal and identity and access management capability for data centers.

In 2013, more than 600,000 AKO webmail users migrated to Enterprise Email as their primary Army email.

PRIME CONTRACTORS & LOCATIONS

- Mission1st, Princeton, NJ
- Northrop Grumman, McLean, Va.
MISSION
HR Solutions provides centralized acquisition management of enterprise level, HR knowledge-based services and training to the DOD.

DESCRIPTION & BENEFITS
HR Solutions provides comprehensive assisted acquisition support services and streamlined acquisition processes for human resource services requirements to DOD requiring activities. HR Solutions is comprised of Army civilians who have attained Defense Acquisition Workforce Improvement Act certifications in program management, contracting and resource management. HR Solutions provides dedicated professional acquisition expertise, from acquisition planning and strategy, requirements development, source-selection and contract administration to contract close-out. On average, HR Solutions services task orders are awarded for 25 percent less than the requiring activity’s independent government cost estimate. Additionally, because HR Solutions provides dedicated professional acquisition management and support for the entire contract life cycle, requiring activities can save significant resources on contract management. HR Solutions can award enterprise-level task orders against one of its 40 indefinite delivery indefinite quantity (IDIQ) contracts, supporting a wide range of HR requirements, within 120 days of notification.

ACCOMPLISHMENTS
In 2015, the Deputy Assistant Secretary of the Army for Procurement designated HR Solutions as the Army’s preferred
strategic source for HR knowledge-based services due to the program’s ability to support the Army enterprise with timely contracted services at a significant cost savings to the Army.

**RECENT AND PROJECTED MILESTONES (FY16-17)**
HR Solutions achieved a major milestone in October 2016 with the release of two request for proposals for its fifth generation of IDIQ contracts and anticipates awards in the fourth quarter of 2017.

**FUTURE FOCUS**
HR Solutions is focused on implementing procedures that improve its already streamlined acquisition process and providing the Army with high quality acquisition management and support to meet HR services requirements today and into the future.

**PRIME CONTRACTORS & LOCATIONS**
The HR Solutions Program Office is located at Fort Knox, Kentucky. HR Solutions has IDIQ contracts awarded to 40 prime contractors. Services task orders awarded under HR Solutions have performance in all 55 states and territories, Europe and South Korea.

HR Solutions manages the US Army Comprehensive Soldier and Family Fitness Training Center support contract which provides a wide range of “Ready and Resilient” training courses for Soldiers, their Families and Department of Defense Civilians.
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