

SPRING

US ARMY

# PEO EIS

PEO ENTERPRISE INFORMATION SYSTEMS

# 2012 CATALOG



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# PEO EIS Annual Catalog Introduction Letter

BY MR. DOUGLAS WILTSIE,  
PROGRAM EXECUTIVE OFFICER

Program Executive Office Enterprise Information Systems (PEO EIS) is the Army's enterprise-wide technical leader for business information systems providing soldiers with the decisive edge through information dominance. Our 31 program offices and dedicated staff leverage government and industry partnerships to successfully shape the Army's technology evolution, ensuring readiness today and preparedness for tomorrow.

PEO EIS is transforming the institutional Army business systems to best support every soldier, every day, everywhere. PEO EIS leads the Army in technology evolution, efficiently and effectively managing close to 35% of the Army's IT budget, or nearly \$4 billion annually. We successfully modify and field a wide range of commercial-off-the-shelf and government-off-the-shelf products and services that support the soldier.

As we navigate through a changing global and economic environment, we remain committed to our vision of continuing to rapidly deliver cost-effective, easy-to-use, IT-based capabilities to the Army across the globe. The newly unveiled strategy for the Department of Defense (DoD) is focused on an agile, tech-savvy military that can protect our homeland and interests abroad. The business systems that we develop and field are critical to achieving this goal by helping the Army to better manage installations, pay systems, equipment accountability, communications and computer infrastructure. As the environment continues to evolve, we are working tirelessly to ensure that the innovative capabilities promised to the soldier are delivered on time and within budget.

The annual catalog provides information about all of our Program Offices and their ongoing efforts. Our main mission areas include: Communications, Computing Infrastructure and Core Enterprise Services, Acquisition and Logistics, Human Capital and Financial Management, and Biometrics. While this catalog delivers a snapshot of our current capabilities, our program offices continue to forge ahead with an eye to modernization.

PEO EIS measures our success by the capabilities we've delivered to our DoD customers. Our community of devoted acquisition professionals is successfully working to proactively anticipate rapidly changing requirements and provide improved capabilities. As we move into the future, we remain unwavering in our mission and will continue to innovate with a commitment to responsible management of taxpayer dollars.

## PROGRAM EXECUTIVE OFFICE, ENTERPRISE INFORMATION SYSTEMS (PEO EIS)

PEO EIS products and systems cover the full spectrum of tactical and management information systems including financial, human capital, business, medical, logistics, transportation, biometrics, and communications infrastructure support.

PEO EIS enables information dominance by developing, acquiring, integrating and deploying network-centric knowledge-based information technology and business management systems, communications and

infrastructure solutions through leveraged commercial and Enterprise capabilities for joint and Army war fighters. Of the Army's fiscal year 2012 \$10 billion IT budget, PEO EIS is responsible for executing over 35%.

Mr. Douglas Wiltsie, PEO EIS, reports to Ms. Heidi Shyu, the Army Acquisition Executive (AAE), Assistant Secretary of the Army for Acquisition, Logistics, and Technology ASA(ALT).

For more information about PEO EIS, go to [www.eis.army.mil](http://www.eis.army.mil).

### Program Executive Officer, Enterprise Information Systems: Mr. Douglas Wiltsie

Mr. Douglas K. Wiltsie assumed command of the Program Executive Office Enterprise Information Systems (PEO EIS) on October 5, 2011.

His responsibilities include program management of more than 60 Department of Defense (DoD) and Army acquisition programs across the Business, War Fighting and Enterprise Information Environment Mission Areas. These systems support Army and DoD communications, logistics, medical, finance, personnel, biometrics, training and procurement operations. Mr. Wiltsie has



responsibility for five major Enterprise Resource Planning (ERP) efforts representing a projected Army investment of \$8 billion over their life cycles. The PEO EIS organization consists of approximately 2,650 military, civilian, and contractor staff around the world, and executes approximately \$4 billion per year.

Prior to his assignment as PEO EIS, Mr. Wiltsie was appointed to the Senior Executive Service (SES) in June 2008 and served as the Deputy Program Executive Officer for Intelligence, Electronic Warfare, and Sensors (PEO IEW&S) until October 2011. In this position, Mr. Wiltsie was responsible for the development, acquisition, fielding and life cycle support of the Army's portfolio of intelligence, electronic warfare and target acquisition programs.

Prior to his selection as DPEO IEW&S, Mr. Wiltsie was the Assistant Deputy for Acquisition and Systems Management in

the Office of the Assistant Secretary of the Army for Acquisition, Logistics and Technology, and Deputy Project Manager, Objective Force and the Defense Advanced Research Projects Agency, Future Combat System. Mr. Wiltsie has held senior leader positions at the Night Vision/Reconnaissance, Surveillance and Target Acquisition and chaired the NATO Land Group 6 Working Group 2.

Mr. Wiltsie holds an M.S. in National Resource Strategy from the Industrial College of the Armed Forces and a B.S. in Mechanical Engineering from the Virginia Polytechnic Institute and State University. He is a recipient of the Meritorious Civilian Service Award and has twice been awarded the Superior Civilian Service Award and the Commander's Award for Civilian Service. He is a recipient of the Defense Acquisition Workforce Improvement Act Level III certification in Systems Planning, Research, Development, and Engineering and Program Management, and he is a member of the Army Acquisition Corps.

### PEO EIS Command Group

#### Deputy Program Executive Officer (DPEO): Ms. Terry Watson

Ms. Terry Watson was selected for SES in December 2010 and assigned to the position of Deputy Program Executive Officer (DPEO), Enterprise Information Systems, at Fort Belvoir, Va. Ms. Watson was selected as the Acting PEO EIS in May 2011, and led PEO EIS through October 5, 2011, when she resumed her position as deputy PEO EIS.



In this position, Ms. Watson is the deputy responsible for program management of more than 60 DoD and Army acquisition programs across the Business, War Fighting and Enterprise Information Environment Mission Areas. These systems support

Army and DoD-wide communications, logistics, medical, finance, personnel, biometrics, training and procurement operations.

Ms. Watson's awards include the Meritorious Civilian Service Award, Superior Civilian Service Award, and the Commander's Award for Civilian Service.

Ms. Watson is a graduate of the Army Automated Data Processing Intern Program, the Army Management Staff College, the American Council for Technology/Industry Advisory Council Partner's Program, and she is a member of the Army Acquisition Corps with Level III certifications in Program Management and Information Technology. She earned her B.A. in Business Management from National Louis University.

**Assistant Program Executive Officer (APEO), Enterprise Management Systems: Mr. Reginald Bagby**

Mr. Bagby was the former Program Integration Officer (PIO) and former Director of Operations for PEO EIS. He was appointed Assistant Program Executive Officer (APEO) in October 2011. In this position, Mr.



Bagby oversees the development, integration and full program implementation of enterprise management systems within the business information environment and the war fighting mission areas:

- » Computer Hardware, Enterprise Software, and Solutions (CHESS)
- » Force Management System (FMS)
- » Human Resource Solutions (HR Solutions)
- » Joint - Automatic Identification Technology (J-AIT)
- » Medical Communications for Combat Casualty Care (MC4)
- » DoD Biometrics
  - » Biometrics Enabling Capability (BEC)
  - » Joint Personnel Identification (JPI)

- » Distance Learning System (DLS)

**Assistant Program Executive Officer (APEO), Enterprise Resource Planning: Mr. Bobby McKinnon**

Mr. McKinnon was appointed to Program Integration Officer (PIO) in 2009 and Assistant Program Executive Officer (APEO) in October 2011. He is responsible for integrating automated business systems across the Army Enterprise. He manages a portfolio of Enterprise Resource Planning (ERP), business, financial, logistics and biometrics project and product offices:



- » Army Enterprise Systems Integration Program (AESIP)
  - » Global Combat Support System - Army (GCSS-Army)
  - » Logistics Modernization Program (LMP)
- » Integrated Personnel and Pay Systems – Army (IPPS-A)
- » General Fund Enterprise Business System (GFEBs)
- » Army Human Resource System (AHRS)
- » Reserve Component Automation Systems (RCAS)
- » Transportation Information Systems (TIS)
- » Installation Management Systems (IMS-A)

**Chief of Staff (CoS): Ms. Patricia Lambert**

Ms. Patricia Lambert assumed duties as the Chief of Staff (CoS) for PEO EIS in July 2011. As the CoS, Ms. Lambert provides oversight, supervision, and quality control of staff actions, human resources and manpower. She serves as a principal staff advisor to the PEO and is responsible for synchronizing and integrating actions



of the PEO EIS staff.

Prior to assuming duties as the CoS, she was the former director and deputy director of PEO EIS Program Management Directorate (PMD). Before the deputy and director positions, Ms. Lambert held acquisition and business management positions within the HQ, PEO EIS.

Ms. Lambert has over 34 years of financial and acquisition expertise, having held positions at the Defense Threat Reduction Agency (DTRA), the Office of the Chief of Public Affairs (OCPA) and the Army G-4 in logistics analysis.

Ms. Lambert's awards include the Superior Civilian Service Award; three Commander's Awards for Civilian Service and the Headquarters, Department of the Army Financial Management Outstanding Team Award.

Ms. Lambert has a B.S. in Business Management, is Defense Acquisition Workforce Improvement Act (DAWIA) Level III certified in Program Management, and is a member of the Army Acquisition Corps and the American Society for Military Comptrollers.

**Chief Information Officer (CIO): Mr. Hari Bezwada**

Mr. Hari Bezwada was appointed Chief Information Officer, PEO EIS, in November 2010. Mr. Bezwada is responsible for and ensures cyber security awareness and compliance, advance technology assessments and standardization, strategic planning and architecture consistency among the more than 60 DoD and Army acquisition programs across the PEO EIS-supported Mission Areas.



Mr. Bezwada also served as the PEO EIS Portfolio Integration Officer (PIO) for Communications, Computing Infrastructure and Enterprise Services until October 2011, managing over 800 military, civilian, and contractor staff around the world that

executed over \$2 billion per year.

Prior to joining PEO EIS, Mr. Bez-wada served as the Director for Informa-tion Technology Project Office-Pentagon Renovation, where he was responsible for a \$2 billion renovation and moderniza-tion of the Pentagon’s information tech-nology systems and infrastructure (29 IT disciplines) as part of the overall Pentagon Renovation effort. He also held extensive leadership positions with United States, United Kingdom, French, and NATO joint tri-service program offices that developed nuclear, anti-jam, benign survivable com-munication systems.

**Director, Business Transformation and Strategic Communications**

**Directorate (BTSCD): Ms. Sarah Fidd**

Ms. Fidd is responsible for organizational strategy and planning, business transfor-mation, strategic communications, and public affairs activities. The strategic man-agement division is responsible for the PEO EIS strategic plan, strategy map and scorecard, maintaining metrics to monitor PEO EIS’s progress in providing capabili-ties and support to war fighters. The business transfor-mation functional area implements the PEO EIS con-tinuous process improvement with the Lean Six Sigma (LSS) deployment effort. The strategic communications and media division are responsible for public affairs, media, con-ferences and exhibits, graphic and video support, and website and publications management.



**Director, Operations and Theater Support (OTSD): Mr. James Kline**

OTSD provides assistance, expertise, guidance, and oversight to the Command Group, staff elements, and PM/PDs in core competencies of Business Opera-tions, Personnel Security, Property and Facilities Management, Contracting, and Logistics; and coordinates with PMs/PDs that have, or will have, association with the delivery of capabilities to the field.

OTSD is composed of the:

- A. Services and Operations Support (SOS) Division, responsible for the manage-ment of leased space, Occupational and Facilities Safety program, PEO EIS Property Management program, GSA Fleet Vehicle program, Personnel and Operational Security, and HQ facility maintenance and repair.
- B. Procurement Assistance Division, pro-viding knowledge, tools, advice, and oversight for acquisition planning, con-tract life cycle support, as well as policy and procedural application, resulting in the best busi-ness solution to PEO EIS orga-nizations. PM/PD services typically in-clude Staff As-sistance Visits, Contract Pol-icy Interpretation and Dissemination, Contract Repository Development and Oversight, Life Cycle Procurement Ad-vice, and Document Staffing Assistance.
- C. Theater and Logistics Division, provid-ing staff subject matter expertise for the standardization of PM fielding and sustainment processes, functioning as a single coordination point of contact with field support agencies for PEO EIS fielding operations and sustainment activities.
- D. Customer Point Solutions Division, who works with the Command Group, staff, and PMs/PDs to gather require-ments and develop reliable and re-peatable solutions for mission essen-tial capabilities that can be replicated throughout PEO. Included in these responsibilities is the institutionaliza-tion of capabilities developed, and used by, only one PM/PD but which are universally applicable to multiple PEO elements.



**Director, Program Management (PMD): Mr. Victor Hernandez**

PMD provides acquisition guidance, over-sight, and assistance to PEO EIS project and product man-agers, to include development and staffing of acquisi-tion documenta-tion and policy and regulation adherence to cost, schedule, perfor-mance, and supportability objectives for all PEO EIS programs. In direct interaction with Headquarters, Department of the Army (HQDA), Office of the Secretary of Defense (OSD), the Joint Staff, and other higher headquarters, PMD manages ac-quisition reporting, decision scheduling, and coordination of official acquisition docu-ment approval. PMD also manages pro-gram transitions, congressional affairs, and program progress reviews and audit inspec-tions, serving as the primary focal point for all external audits performed by ex-ternal audit agencies and providing liaison support to PEO EIS project and product managers.



PMD develops and executes the Plan-ning, Programming, Budgeting, and Ex-ecution (PPBE) and performs as the Chief Financial Officer (CFO) for PEO EIS. In this role, PMD tracks, monitors, and ana-lyzes program resources and financial and manpower submissions to headquarters. In addition, PMD administers the Military Acquisition Position List (MAPL), Com-mand Selection List (CSL), and Table of Distribution and Allowances (TDAs).

## PROJECT AND PRODUCT OFFICES

# 1.0 Communications, Computing Infrastructure and Core Enterprise Services

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

Radford, VA  
<http://www.altess.army.mil/>  
 540-731-3432

#### Project Summary

ALTESS provides full lifecycle IT solutions, support, and services to the Army's acquisition community and DoD customers in a secure environment with a high availability infrastructure and data center operations to over 2.3 million users worldwide. ALTESS operates a state-of-the-art "green"



PD ALTESS utilizes energy efficient cooling and server technologies to provide superior data management to its customers.

data center with a first class Enterprise network operations, systems engineering, applications sustainment, and Enterprise level service management capabilities. ALTESS is a leader in providing cost-effective data center services for the Army and DoD.

### 1.2 Army Knowledge Online/Defense Knowledge Online (AKO/DKO)

Fort Belvoir, VA  
 703-704-2252

#### Project Summary

Army Knowledge Online/Defense Knowledge Online (AKO/DKO) provides a secure suite of collaboration, communica-

tion, and identity management services to the entire Army community, as well as numerous DoD components and Federal agencies.

#### Description

With an extensive list of online tools and services, AKO/DKO facilitates knowledge and information management, connecting those who know with those who need to know, 24/7/365. In addition to all Army components — Active Army, Army Reserve, and Army National Guard (ARNG) — AKO serves Department of the Army (DA) civilians and contractors, Army Retirees, and Army-sponsored guests (including family members). DKO leverages the AKO infrastructure to provide the same suite of services to the broader DoD and Federal communities.

On an average business day, more than 350,000 users log into AKO/DKO over 800,000 times. More than 16 million files are stored on the portal, with thousands uploaded daily. The site's servers process roughly 13.6 million email messages and two million instant messages each day.

#### Products and Services

As the largest professional network in the DoD, AKO/DKO provides its users with: unlimited data storage for organizations; blogs, forums, and customizable profiles; video messaging; instant messaging (also known as chat); business process management (BPM) tools; single sign-on (SSO) services; and the Global Address List (GAL), one of the largest DoD personnel databases available.

Users can also create and administer individual sites, to act as project-based dashboards or as official organizational homepages. There are a range of components that can be added to individual sites, including channels designed to perform surveys, capture data, display HTML, and promote content. Using the AKO Storage

Cloud, users can instantly manage their files anytime, anywhere and from any device. Granular permissions are available on all content, including the ability to restrict access to users who log into the site using a common access card (CAC). In the files area, it is also possible to deny access to individuals with certain attributes. All services are available in both the classified and unclassified domains.

### 1.3 Computer Hardware, Enterprise Software, and Solutions (CHES)

Fort Belvoir, VA  
<https://ches.army.mil>  
 1-888-232-4405

#### Project Summary

As the Army's designated mandatory source for commercial off-the-shelf (COTS) IT, CHES provides a no-fee flexible procurement strategy through which customers from all government organizations may procure COTS IT hardware, software and services through an e-commerce-base process. CHES offers simple, straightforward contract vehicles through its online ordering system known as IT e-mart. These contracts provide continuous vendor competition for best value and consolidation of requirements to maximize cost avoidance and leverage the Army's buying power.

#### Description

CHES provides architecturally sound standards and policy-compliant IT Enterprise solutions from a multitude of prime industry IT providers to all Army activities and organizations. A key enabler for CHES' success is its relationships with Army Chief Information Officer (CIO)/G-6, Information Systems Engineering Command (ISEC), Network Enterprise Technology Command (NETCOM)/9th Signal Command, and Army Contracting Command National Capital Region (ACC-NCR) and Rock Island (ACC-RI).

In accordance with Army Regulation

25-1 “Army Knowledge Management and Information Technology,” CHES is also responsible for implementation of the twice-a-year Consolidated Buy (CB) program that offers desktop and notebook computers and printers at a substantial price savings. The CB process is the most cost-effective approach to fulfilling user requirements for these products. The CB directly supports the Army 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.

In addition, CHES is the Army’s DoD Enterprise Software Initiative (ESI) Software Product Manager (SPM). In this capacity, CHES is responsible for managing the DoD and Army Enterprise Software Agreements (ESAs) whose use has been mandated by the Defense Federal Acquisition Regulation Supplements (DFARS) and Army Federal Acquisition Regulation Supplements (AFARS). CHES has the authority to grant waivers if an ESA cannot meet user requirements. Other responsibilities in this area include: consolidating software requirements, developing business cases, assisting contracting officers in negotiating best-value deals, and administering resulting agreements.

In doing so, CHES helps to reduce acquisition and support costs by leveraging DoD’s buying power.

### Products and Services

- » COTS hardware and software products
- » Enterprise hardware and software services agreements
- » IT and Small Business services contracts
- » Customer support

### 1.4 Defense Communications and Army Transmissions Systems (DCATS)

Fort Belvoir, VA  
<http://www.eis.army.mil/index.php/organization/comm-comp/14-dcats-0>  
 703-806-9129

#### Project Summary

The Defense Communications and Army Transmission Systems manages a suite of more than 100 projects and rapidly delivers these capabilities in direct support of global missions inclusive of support to Army Forces, senior national

leadership and combatant commands in joint, unified and multi-national operations.

#### Description

DCATS provides worldwide strategic satellite communications and wideband control systems, long-haul terrestrial microwave and fiber optic communications systems, Technical Control Facilities (TCFs), Combat Service Support (CSS) communications systems, critical power infrastructure, terrestrial communications, combat vehicle intercom systems, in-transit visibility, and other leading technologies to meet current and future Army requirements.

Organizations within Team DCATS are:

- » Defense Wide Transmissions Systems (DWTS), Section 1.5
- » Land Mobile Radio (LMR), Section 1.7
- » Satellite Communications Systems (SCS), Section 1.10
- » Vehicular Intercom Systems (VIS), Section 1.11
- » Wideband Control (WC), Section 1.12
- » Joint-Automatic Identification Technology (J-AIT), Section 2.3

### 1.5 Defense Wide Transmission Systems (DWTS)

Springfield, VA  
 703-682-2990

Defense Wide Transmission Systems provides best value solutions to meet strategic long-haul and base-support communications needs worldwide for the DoD and for other U.S. government agencies. Specifically, DWTS has two primary missions. The first mission entails program and life cycle management of the Connect-the-Logistician systems, which includes the Combat Service Support (CSS) Automated Information Systems Interface (CAISI) and the CSS Satellite Communications (CSS SATCOM) programs. The second mission entails implementing and sustaining Wide-Area Transmissions systems, which includes Terrestrial Transmissions (Global C4 Commercialization as well as TCFs) and Very Small Aperture Terminal (VSAT) SATCOM Transmissions.

#### Products and Services

- » Defense Wide Transmission Systems (Office)

- » Combat Service Support Automated Information Systems Interface (CAISI)
- » Combat Service Support Satellite Communications (CSS SATCOM)
- » Terrestrial Transmissions
- » World Wide Technical Control Improvement Program (WWTCIP)

### 1.6 Installation Information Infrastructure Modernization Program (I3MP)

Fort Belvoir, VA  
 703-866-8580

#### Project Summary

The Installation Information Infrastructure Modernization Program (I3MP) modernizes installation infrastructure and terrestrial transmission (voice, video, data and connectivity) by using a standard architecture and equipment from multiple vendors.

#### Description

I3MP provides a robust and scalable networked information infrastructure that allows migration to a network-centric, knowledge-based operation, and enhances connectivity between forward deployed forces with Continental United States (CONUS), Europe, and Pacific based forces. I3MP is a part of the joint effort to improve and protect LandWarNet by enhancing the infrastructure for better efficiency and effectiveness of the network and Army interoperability across DoD.



AN/GSC-70 Ka-Band Satellite Transmit and Receive System (Ka-Stars) Terminal, Wahiawa, Hawaii.



## 1.7 Land Mobile Radio (LMR)

Fort Belvoir, VA  
703-806-8870

LMR modernizes the Army's CONUS and Pacific non-tactical LMR systems in order to support installation public safety organizations and functions. These include: first responders, force protection measures and other installation management functions. LMR provides spectrum efficiencies by executing the migration of Army posts, camps, and stations to narrowband frequencies as mandated by the National Telecommunications and Information Administration (NTIA). LMR acquires solutions that meet Association of Public Safety Communications Officials (APCO) P25 interoperability standards.

## 1.8 Network Enterprise Services (NES)

Fort Belvoir, VA  
703-806-8826

NES consolidates under one project manager all PEO EIS Network and Enterprise Services missions in order to provide a comprehensive enterprise approach to U.S. Army IT initiatives. NES provides the infrastructure and enterprise services that directly support the generating forces and provide the foundation for tactical operations in country. It includes the Acquisition, Logistics and Technology Enterprise Systems and Services (ALTESS), Acquisition Business Systems (AcqBusiness), Power Projection Enablers (P3E), Army Knowledge Online/Defense Knowledge Online (AKO/DKO), and Installation Information Infrastructure Modernization Program (I3MP).

## 1.9 Power Projection Enablers (P2E)

Fort Belvoir, VA  
703-806-0534

P2E enables the Army with globally connected capabilities that provide the full spectrum of network and information services so that soldiers, commands and supporting organizations can access, process, and act upon information anytime, anywhere for all operations. This enables the application of force across all phases of joint operations.

P2E tenets are:

- » To host the Army's applications, data and IT services in an interconnected set of globally linked and defended data centers in both a physical and cloud environment.
- » Enable a globally connected Army to build and employ an informed war fighting force that can fight on arrival.
- » Build a standardized, global infrastructure that is scalable, accessible and defensible.
- » Enable streamlined access to applications, service and data.
- » Provides capability to perform Joint NETOPS.
- » Facilitates seamless transition from garrison to training to deployed missions with common services available in all environments.

Additionally, P2E provides responsive, customized cabling upgrades; imagery; and technical control facility implementations in the U.S. Army Central Commands area of responsibility. The organization uses a wide range of contracts to tailor acquisitions for the deployed soldier's mission.

## 1.10 Satellite Communications Systems (SCS)

Fort Belvoir, VA  
703-806-9100

DCATS' SCS product office manages the acquisition, development, and modernization of Defense Satellite Communications System (DSCS) and Wideband Global Satellite Communications (WGS) system earth terminals and baseband equipment for all military services and agencies. SCS represents a system-of-systems approach for DoD SATCOM sites and facilities. SCS combines baseband and terminal expertise in one organization. The office provides comprehensive acquisition expertise; systems engineering for all strategic, DoD Teleport, Standard Tactical Entry Point (STEP), and gateway sites; configuration management; resolution of interoperability and interface issues between baseband and radio frequency equipment. SCS also provides for the application of Army and DoD policies, directives and mandates;

planning and execution of advanced technology demonstration program; and a common Integrated Logistics Support (ILS) leadership to minimize redundancies and jurisdictional issues.

## Products and Services

- » AN/GSC-39 terminals
- » AN/GSC-52A terminals
- » AN/FSC-78 terminals
- » AN/TSC-86A-F terminals
- » AN/GSC-70 Ka-Band Satellite Transmit and Receive Systems (KaSTARS)
- » AN/GSC-52B(VX)/G Modernization of Enterprise Terminals (MET)
- » Enhanced Bandwidth Efficient Modem (EBEM) MD-1366/U
- » Multiplexer Integration and DCSS Automation System (MIDAS)
- » Joint Internet Protocol Modem (JIPM)
- » Support to DoD Teleport
- » Support to STEP
- » Jam-Resistant Secure Communications (JRSC)
- » Direct support to the Missile Defense Agency (MDA)
- » BMDs OM-88 Anti-Scintillation Modem
- » BMDs Protected Anti-Jam/Anti-Scintillation Wideband Net-Centric System (PAAWNS)
- » Special Communications Link (SCL)
- » Government-to-Government Communications Link (GGCL)
- » Digital Communications Satellite Subsystem (DCSS)

## 1.11 Vehicular Intercom Systems (VIS)

Fort Belvoir, VA  
703-806-8498



The AN/VIC 3 Vehicle Intercom System, (Headset worn by the soldier in this photo), provides hearing protection and advanced communications capabilities to over 50 platform variants.



The AN/VIC 3 Vehicle Intercom System, (Headset worn by the soldier in this photo), provides hearing protection and advanced communications capabilities to over 50 platform variants.

DCATS' VIS product office provides vehicle intercom systems which allow soldiers to communicate in the high-noise environments of combat vehicles – a high Army priority. The VIS product office provides the current VIC-3 intercom system for Army tactical vehicles including those deployed in the conduct of current operations, as well as new production units. The VIS office provides systems for vehicle upgrades, resets and re-missioning programs. The VIC-3 allows crews of tactical vehicles to communicate with each other above vehicle and/or combat noise. VIC-3 allows all crew members to receive/transmit over a military radio. It protects soldiers from permanent hearing damage from high noise levels in modern tactical vehicles through the use of state-of-the-art active/passive noise reducing headsets. VIC-3 is the standard vehicle intercom in more than 50

tactical vehicle variants. Multiple components allow tailoring for specific vehicle configurations and interfaces with many military communications systems. VIC-5 will be the next generation vehicle intercom solution across vehicle platforms and will accommodate more users and more radio interfaces as well as new capabilities, including: virtual intercoms, Ethernet, embedded SIP server/client, point-to-point calling, inter-vehicle networking via VOIP, remote radio control, radio-to-radio rebroadcasting as well as Binaural Headset capability.

### Products and Services

- » AN/VIC-3 Vehicular Intercom System
- » AN/VIC-5 (next generation of VIS)
- » Tactical Active Noise Reduction/Passive Noise Reduction (ANR/PNR) Headsets
- » Technical Support (Vehicle Survey, Installation and Training)
- » Acquisition Support

### 1.12 Wideband Control (WC)

Fort Belvoir, VA  
703-806-8473

#### Project Summary

DCATS' WC project office acquires and installs state-of-the-art strategic satellite network control and planning systems for use with the Defense Satellite Communications Systems (DSCS), Wideband Global Satellite (WGS), and commercial satellite systems. All of the subsystems operations and communications between operators and processors are provided at one console location and

are viewed from a multi-headed workstation, which allows access to the network database and permits simultaneous display of database components. These systems are typically deployed at Wideband Satellite Operation Centers (WSOCs) worldwide.

### Products and Services

- » Common Network Planning Software (CNPS)
- » DSCS Integrated Management System (DIMS)
- » Frequency Conversion Subsystem (FCS)
- » Global Satellite Configuration Control Element (GSCCE)
- » Global Terrestrial Critical Control Circuit System (GTC3)
- » Joint Management and Operations Subsystem (JMOS)
- » Power Control Management System (PCMS)
- » Patch and Test Facility (PTF)
- » Replacement FM Orderwire (RFMOW)
- » Remote Monitoring and Control Element (RMCE)
- » Replacement Patch Test Facility (RPTF)
- » Replacement Radio Frequency Interconnecting Subsystem (RRFIS)
- » Replacement Satellite Configuration Control Element (RSCCE)
- » Terrestrial Critical Control Circuit Remote User RU (TCCC)
- » Wideband Global Spectrum Monitoring System (WGSMS)
- » Wideband Remote Monitoring Sensor (WRMS)
- » Wideband Satellite Operations Management System (WSOMS) Network and Workstation

## PROJECT AND PRODUCT OFFICES

### 2.0 Logistics

#### 2.1 Army Enterprise Systems Integration Program (AESIP)

Alexandria, VA  
703-325-0853

#### Project Summary

The Army continues to modernize its ERP business systems to simplify operations, optimize processes, and provide an accurate, Enterprise view of business information to all users. AESIP is a key component of this initiative. AESIP inte-

grates business processes and systems by serving as the Enterprise hub for the Army's logistics and financial ERP business systems:

- » General Fund Enterprise Business System (GFEBS), the Army's financial system
- » Global Combat Support System - Army (GCSS-Army), the tactical logistics system
- » Logistics Modernization Program (LMP), the national logistics system.

#### Description

AESIP enables integration by linking business processes and data across existing IT systems. This integration optimizes business processes and supports Enterprise level information requirements. AESIP has successfully delivered a Web-based solution for the creation and management of customer and vendor master data and implemented an optimized messaging and hub services capability.

AESIP houses and enables the Army Enterprise material master which provides the Army a single authoritative source for material data supporting all Army constituent (modernized and legacy) systems. This Army Enterprise material master provides the catalyst to manage, control, create, change, archive, and validate data, while providing a single global view of material thus, providing the basic building blocks for Product Lifecycle Management/Weapon System Management. Implementation of the Enterprise material master has enabled inventory management, accountability, pricing, accounting functions, and Material Requirements Planning (MRP) operations to be seamlessly integrated into the Army Enterprise vision.

## Products and Services

AESIP services include:

- » Enterprise hub services
- » Enterprise master data management
- » Business intelligence and analytics

## 2.2 Global Combat Support System-Army (GCSS-Army)

Fort Lee, VA  
<https://www.gcass.army.mil>  
 804-734-5600

### Project Summary

GCSS-Army oversees the implementation of the tactical logistics and financial ERP program to integrate business processes and offer an Army-wide view of logistics information from the battlefield.



An 11th Armored Cavalry Regiment soldier uses GCSS-Army to perform his sustainment mission at the National Training Center, Fort Irwin, Calif.

### Description

GCSS-Army will allow commanders to anticipate, allocate, and synchronize the flow of resources across all areas of operations. Army logisticians will realize significant improvements in mission performance over the current tactical logistics management information systems. GCSS-Army will replace aging, stove-piped tactical logistics systems and associated financial capabilities and interface with applicable Army C2 systems and Joint systems as a follow-on initiative.

This Web-based system, supported by laptops and AIT devices, provides essential functionality for limited disconnected operations and for connected operations using robust deployable communications to connect to a centralized database for all users at all echelons.

## 2.3 Joint-Automatic Identification Technology (J-AIT)

Alexandria, VA  
<http://www.ait.army.mil>  
 703-325-3014

### Project Summary

J-AIT provides a single point of contact for procurement and technical expertise across the suite of AIT-enabling technologies. AIT technology supports logistics, Total Asset Visibility (TAV), and the integration of global supply chains. J-AIT provides automated near real-time accurate data collection, aggregation, and retrieval technologies and services that enhance information management systems. J-AIT manages the Radio Frequency In-Transit Visibility (RF-ITV) system for DoD, the North Atlantic Treaty Organization (NATO), and coal-



USAREUR soldiers train to use the PDK to set up a mobile tag read and write station.

ition partners in support of expeditionary logistics and the joint war fight.

### Description

J-AIT is the DoD procurement activity for AIT and Radio Frequency Identification (RFID) products and manages the worldwide RF-ITV infrastructure. J-AIT administers contracts and ensures compliance with IA and net worthiness requirements. J-AIT assists in other AIT/RFID disciplines to include Hazards of Electromagnetic Radiation to Ordnance (HERO) certification and frequency supportability.

RF-ITV is a fielded capability that provides support to commanders and logisticians in all branches of the armed forces, NATO, and coalition partners. This worldwide network of more than 13,000 read and write stations (including RFID-integrated satellite tracking systems) and associated equipment in 49 countries uses RF-ITV for tracking RFID tagged shipments in the military supply chain. RF-ITV uses wireless technology to capture and pass information about resources at rest or in motion in the supply chain. RFID applications span the length of the DoD distribution supply chain to include shipping, receipt, storage/issue, transportation, nodal tracking, and disposal.

Total tracking solutions for DoD include:

- » Complete program life cycle support
- » Interoperable/compatible with DoD logistics systems
- » Turn-key COTS solutions
- » Customer-focused support
- » Sensor/condition-based monitoring

### Item Unique Identification (IUID)

J-AIT offers item unique identification (IUID) technical assistance to Army activities. IUID is a program involving the marking of items delivered to the DoD with unique item identifiers, which distinguish the items from other like and unlike items. Supporting DoD IUID implementation since 2003, the J-AIT is now standardizing the support services it has provided, offering non-reimbursable IUID support services to Army customers. J-AIT can answer questions on IUID and assist Army

organizations with identifying cost-effective approaches for their IUID implementation responsibilities.

## Products and Services

J-AIT solutions provide a suite of electronic tools to capture and transfer data about assets:

- » Active and passive RFID technologies
- » Bar code technologies supporting data matrix, PDF 417, and linear symbologies
- » Radio frequency data collection
- » Contact memory buttons
- » IUID
- » Wireless security
- » HERO certified

## 2.4 Logistics Modernization Program (LMP)

Fort Belvoir, VA  
<https://www.po.lmp.army.mil>  
 703-806-9479

### Project Summary

The Logistics Modernization Program provides a comprehensive, modernized logistics solution that allows AMC to provide world-class logistics readiness to the war fighter.

### Description

Operational since July 2003, LMP delivers a fully-integrated suite of software and business processes that streamlines the Maintenance, Repair, and Overhaul (MRO), planning, finance, acquisition, and supply of weapon systems, spare parts, services, and materiel to the war fighter. Fundamental to the Army's transformation efforts, LMP replaces a stove-piped legacy systems environment and enables the Army to leverage the power of precise, up-to-the minute Enterprise-wide data and improved business processes. This state-of-the-art ERP solution moves the Army's logistics capabilities squarely into the 21st century and sets the stage for achieving a state of excellence in joint interoperability. Today, LMP is operational at the Communications-Electronics Command (CECOM) Lifecycle Management Command (LCMC), Aviation and Missile Command (AMCOM), Tank Automotive and Armaments Command (TACOM), Joint Munitions and Lethality (JM&L), Army Sustainment Command

(ASC), Defense Finance and Accounting Service (DFAS), and other Army locations.

The program manages a multi-billion dollar inventory with tens of thousands of vendors and integrates with more than 70 DoD systems. Now fully fielded, LMP operates at more than 50 locations worldwide with approximately 25,000 users, delivering materiel to war fighters when and where they need it.

## 2.5 Transportation Information Systems (TIS)

Alexandria, VA  
[www.tis.army.mil](http://www.tis.army.mil)  
 703-428-4086

### Project Summary

TIS supports the Joint Logistics (Distribution) process through improving efficiency and interoperability within the Army transportation information systems for deployment, sustainment and redeployment activities. Unit movements, theater operations, cargo management, and air load planning applications are used throughout the transportation community supporting war fighters worldwide. The applications support the movement of personnel, equipment, and sustainment cargo from home station to destination and back...maintaining visibility of the movement from the tactical, operational, and strategic levels.

### Description

TIS provides complete product lifecycle management, premier transportation and distribution IT solutions, transportation systems functional expertise, and a 24/7 Support Operations Center (SOC). TIS transportation and distribution systems include:

- » Transportation Coordinators' – Automated Information for Movements System II (TC-AIMS II) Unit Move and Deployment
  - » Deployment Planning and Execution
  - » Sustainment Transportation Control Number (TCN) in support of retrograde operations
- » NIPRnet Globe Services (NGS) (TIS Globe)
- » TC-AIMS II Theater Operations (TOPS)
  - » Convoy Management
  - » Highway Regulation

- » Convoy Planning and Execution
- » Movement and Mode Management
- » Integrates TIS Globe
- » Automated Air Load Planning System (AALPS)
  - » Air Load Planning and Execution Capability
- » Automated Movement Flow Tracking – In-Transit Visibility (AMFT-ITV)
  - » Simplifies process of capturing and assembling ITV data into user-friendly charts, graphs, and reports
  - » Enables a near real-time capability to update unit locations and the status of their deployment process
- » Air Movement Request (AMR)
  - » Supports the mission of Army air transportation
  - » Leverages the base capabilities currently available within the Transportation Movement Request (TMR)
  - » Provides additional functionality including mission route orders (ring routes) and schedules forecasting
  - » Integrates TIS Globe

## Advancing Soldier Requirements

TIS uses IT as an enabler to advance soldier capabilities while continually leveraging the contrasting strengths of the diverse perspectives among customers in the Army National Guard, Reserves, and active duty soldiers worldwide. TIS provides IT efficiencies that deliver ongoing benefits and solutions right back to the source...our customers.

TIS is currently developing software improvements to TC-AIMS II TOPS and AMR. The result of a year-long Office of the Secretary of Defense (OSD)-level ITV study and two Joint Urgent Operational Needs Statements (JUONS), these improvements aim to provide DoD and the Army with improved visibility of personnel and equipment. While targeted at logisticians in the Operation Enduring Freedom (OEF) area, these improvements will have significant positive impacts on DoD operations worldwide. The software changes are currently on schedule for completion in fiscal year 2012.

## PROJECT AND PRODUCT OFFICES

### 3.0 Human Capital Management

#### 3.1 Army Human Resource System (AHRS)

Fort Belvoir, VA

<http://www.eis.army.mil/index.php/organization/hr/6-product-director-army-human-resource-system-ahrs>  
703-325-4538

##### Project Summary

AHRS is a suite of systems that manage personnel, accountability, and strength accounting.

##### Description

AHRS provides the war fighter with a state-of-the-art, cost-effective, standardized, and interoperable human resource solution that supports strategic and tactical management of soldiers in a suite of global, networked, interactive, and accurate military personnel systems.

AHRS will transition selected functions to the Integrated Personnel and Pay System (IPPS-A) while continuing to develop and operate those components which complement IPPS-A. AHRS is a system-of-systems providing the tools to locate, manage, and serve the soldier – anywhere in the world.

##### Products and Services

» Deployed Theater Accountability System (DTAS), the world's first Enterprise-wide Secret Internet Protocol Router Net work (SIPRNet) personnel accountability system, provides near real-time data on individual personnel status, unit strengths, and deployment history. DTAS is a client-server application that allows tactical units uninterrupted access to their data, while still updating higher headquarters when communications are available. DTAS has a web-enabled component for Theater/Command level personnel to manage units and analyze the data. This visibility is vital in determining the war fighting capability of the Army and subordinate commands within a specific theater. It can operate under battlefield communications environments with limited bandwidth, intermittent connectivity, or within operational constraints while

disconnected.

The DTAS Mobile User System hierarchy extends theater level command down to tactical battalions and separate companies, using each unit's existing computer infrastructure linked to theater. Each mobile system reports on unit personnel and synchronizes with the theater server suite. The theater suite provides deployment history data to the Enterprise suite. The Enterprise suite interfaces with numerous personnel management systems to provide DTAS with descriptive personnel data, eliminating the need for duplicative data entry.

- » Tactical Personnel System (TPS) is a stand-alone portable system providing essential personnel functionality to support a commander's tactical decision-making process by creating a deployable "go to war" personnel strength automated file. TPS functionality provides soldier accountability, personnel manifesting, jump manifesting, and task force and crew building. Units manifest arriving/departing individuals in TPS before arrival or departure. TPS has the ability to export a soldier manifest file as input to the DTAS, allowing mass soldier import at arrival in theater at a port of debarkation.
- » The Electronic Military Personnel Office (eMILPO) system is a web-based single database providing real-time update capability, used by the active Army personnel community to manage all active, mobilized soldiers. eMILPO provides information to more than 40 other Army and DoD systems including DTAS, DEERS, ITAPDB, TOPMIS, and EDAS eMILPO's MyERB module allows every active enlisted soldier to view his or her record online from anywhere in the world. eMILPO's reporting and analysis tools allow Commanders and staff at all levels to determine unit personnel readiness, OPTEMPO, and current unit status.

#### 3.2 Distributed Learning System (DLS)

Newport News, VA

<https://www.dls.army.mil>  
757-369-2900

##### Project Summary

DLS acquires, deploys, and maintains worldwide distributed learning online courseware to ensure our nation's soldiers receive critical training for mission success. Through the Army Learning Management System (ALMS) and Army e-Learning, DLS delivers training to more than 1.4 million soldiers and Department of the Army civilians, manages training information, provides training collaboration, scheduling, and career planning capabilities in both resident and non-resident training environments.

##### Description

Soldier readiness necessitates on-demand training. DLS is the infrastructure that delivers distributed learning and is breaking old training paradigms by bringing training to the soldier anywhere, anytime, 24/7. Using state-of-the-art technology, DLS streamlines training processes; automates training management functions; delivers training using electronic means; and enables military and civilian personnel, training developers, training managers, unit commanders, and training noncommissioned officers (NCOs) to access training using the web.

Distributed learning 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. DLS is dedicated to providing a quality training system to all Army components in the most expeditious and cost-effective manner possible.

DLS is responsible for fielding multiple training systems simultaneously - the success of each program directly impacting the Army's ability to meet its training mission. The components that make up DLS bring the Army one step closer to achieving its

goal of providing “one-stop-shopping” for training.

### Products and Services

- » Digital Training Facilities (DTFs) at more than 90 installations worldwide, provide video tele-training, computers, faxes, printers, and high-speed Internet connections.
- » Enterprise Management Center (EMC) provides connectivity and technical support to all DTF users and managers, and houses the ALMS.
- » ALMS delivers training, manages training information, and provides training collaboration, scheduling, and career planning capabilities.
- » Army e-Learning is the primary method for satisfying Army workforce IT requirements. Army e-Learning provides free access to over 5,400 web-based information technology, business, leadership, and personal development courses.
- » Deployed Digital Training Campuses (DDTC) provide soldiers access to training during deployments. The DDTC is a mobile, networked system of workstations, servers, and ancillary equipment which allows connecting to the worldwide web via satellite communication for just-in-time training.

### 3.3 Force Management System (FMS)

Alexandria, VA  
<http://www.eis.army.mil/fms.asp>  
 703-428-0668

#### Project Summary

FMS designs, develops, and deploys an integrated force management capability that is establishing accurate, consistent, and timely force structure information to the Army force management community.

#### Description

FMS is tasked to design, develop, deploy and support the integrated force management system for delivering accurate, consistent and timely force structure information to the Army force management community. FMS directly supports the Army Director, Force Management’s mission of: (1) managing and allocating manpower and force structure information; (2) documenting unit models (requirements

and authorizations) over time; and (3) providing organizational/force structure solutions. FMS is the Army’s system to support the DoD and Joint Chiefs of Staff (JCS) J-8 Global Force Management Data Initiative (GFMDI) mandate. DoD J-8 has directed the implementation of Joint User Messaging (JUM) for GFMDI used in the Army Organizational Server (AOS). The GFMDI mandate is directed by the VCJCS and is the foundation of the Army’s Net-centric data environment by establishing the authoritative data source for all Army force structure data in hierarchical format from Department of Army and State National Guard headquarters down to individual billet and equipment authorizations. GFMDI also mandates that all organizational elements including platoons, squads, teams, sections and crews be broken out in support of the Army Force Generation and Army Battle Command Systems (ABCS). This will allow for capability-based force structuring and supports the individual unit identifier paradigm of uniquely tagging all authorizations and organizational structures and relationships with unique enterprise-wide identifiers.

FMS incorporates common software development tools and design and development standards, complying with DoD and Army architecture standards. It provides for browser-based web accessibility, online transaction processing, and online analysis processing capability for users in the community with approved access. The integrated system will provide consistent and standardized data, incorporating Government and industry standards for security. The design also provides for online data warehousing of archive data and streamlined system maintenance.

#### Products and Services

- » Master Force File
- » Manpower Budget File
- » Consolidated TOE Updates data
- » Table of Organization and Equipment
- » Modified Table of Organization and Equipment
- » Table of Distribution and Allowances
- » Structure and Composition
- » LogSACS
- » PerSACS

### 3.4 HR Solutions

Fort Knox, KY  
<https://www.HRSolutions.army.mil>  
 502-624-4226

#### Project Summary

HR Solutions provides efficient, cost effective, innovative and centralized acquisition management and support services to a wide range of customers. By facilitating the contract process, HR Solutions serves as a customer advocate while acting as a liaison between the contractor providing the services and the contracting office.

#### Description

HR Solutions outlines and provides essential elements necessary to obtain a performance-based task order detailing the customer’s human resources requirements from pre-award to contract closeout. This service frees customers to perform the mission-critical tasks for which they have been trained and minimizes the amount of time spent managing HR services requirements.

#### Product and Services

Through its multi-functional staff and secure web-based portal, HR Solutions assists with full lifecycle contract support and provides services management expertise to HR initiatives that support customers which include commanders, soldiers, and their families at installations throughout the world. HR Solutions currently provides support in four key mission areas:

- » Management and Administrative Support
- » Personnel Services and Support
- » Recruitment and Retention
- » Studies and Analysis

The HR Solutions prime contractors, each of which has been vetted through a competitive process, bid on the performance work statement through Indefinite Delivery/Indefinite Quantity (IDIQ) contracts. The entire process, from bid to award, is completed within approximately 90 days, resulting in expedited delivery of critical services.

HR Solutions’ web portal helps customers document and manage their task orders throughout the pre-award and post-award process. This secure portal organizes documentation throughout the life of the task order.

### 3.5 Installation Management Systems-Army (IMS-A)

Alexandria, VA  
<http://www.eis.army.mil/imsa.asp>  
 703-325-8034

#### Project Summary

IMS-A supports the Army's mission, strategic goals, and objectives through the application of automation to enhance selected business process associated with managing and operating major Army installations, camps, posts, and stations worldwide. The IMS-A solution to installation management employs five discrete modules to assist commanders to train, equip, deploy, sustain, and transition soldiers.

#### Description

IMS-A provides automated standard business applications to assist installation commanders manage critical business functions at Army Installations to better support sustaining base operations and deploy soldiers to meet the needs of Army's war fighters. IMS-A consists of the Installation Support Modules (ISM) system and Range Facility Management Support System (RFMSS).

#### Products and Services

Installation Support Modules (ISMs) consists of four standardized, web-based, custom developed applications packaged into functional modules that integrate day-to-day installation business practices and processes. Three of the modules support HR business functions (In/Out-Processing, Transition Processing, and Personnel Locator); while the fourth module, Central Issue Facility (CIF), supports a key logistics business function — management of Organizational Clothing and Individual Equipment (OCIE). The ISM system operates in a web environment that uses a single centralized database to store all module-associated Army data. The web server architecture supports a graphical user interface, web-based user access, and a consolidated infrastructure in compliance with the AKM Strategic Plan. The database and web/application servers provide a multi-mastered database environment that allows for an Enterprise view of data worldwide. Data replication (almost immediate) between two master sites provides for continuity of

operations and back-up and recovery. The data is encrypted and protected using Oracle Advanced Security (OAS) feature. Key ISM customers include commanders, personnel managers, and logistics personnel at installation and higher levels of command throughout the Army. The ISM system enables commanders to train, equip, sustain, deploy, and transition soldiers to meet ARFORGEN ready pool requirements.

- » TRANSPROC — Transition Processing — provides an automated, integrated method of data collection and document processing to support transitioning soldiers from active-duty status to retirement, discharge, or release from active duty.
- » CIF — Central Issue Facility — provides a standardized Army-wide, automated, user-friendly system for the requisition, receipt, storage, issue, exchange, and return of authorized OCIE at Army installations.
- » INPROC/OUTPROC — provides automation support for quickly in-processing soldiers into their gaining installations (i.e., welcoming and bringing individual soldiers and their family members "on board") and providing information on their deployment eligibility to the gaining unit commanders. Out-processing provides automation support for rapidly out-processing soldiers and their families who are departing an installation to separate from active duty, transferring to another duty station, or departing for temporary duty of 90 or more days at a different location.
- » PERSLOC — Personnel Locator - provides automated support for tracking installation military personnel, unit of assignment, and phone numbers. It also provides mail directory service for personnel who have departed an installation or who have recently arrived.
- » DISCOVERER — Discoverer is a query tool used to access the databases within the ISM application. It provides the user the capability to find data stored in the ISM database, finding data that meets certain conditions or that falls within ranges to prepare reports from the results of the analysis.
- » Range Facility Management Support System (RFMSS) provides a standard, inte-

grated system to efficiently assist installation commanders in providing training support for units and schools to schedule and manage valuable training lands and firing ranges. RFMSS is used across a wide spectrum of Army, Navy, and Marine Corps installations and can be used in theaters of operations. RFMSS supports all major range management processes including:

- » Range, training area and airspace scheduling (up to three years in advance)
- » Range control request processing and scheduling conflict resolution
- » Training asset management
- » Automated firing range and training area fire desk operations
- » Automated warning of safety and environmental conflicts
- » Production of range, training area and airspace utilization reports

RFMSS has an ad hoc query capability to allow installation range managers and MACOM/HQDA managers the ability to prepare reports on range and training area operations and utilization.

### 3.6 Integrated Personnel and Pay Systems – Army (IPPS-A)

Alexandria, VA  
[IPPS-A.program@us.army.mil](mailto:IPPS-A.program@us.army.mil)  
 703-325-1893

#### Project Summary

IPPS-A is the Army's future Web-based Human Resources management system. Currently under development, IPPS-A will standardize, streamline, and integrate critical soldier personnel and pay data across the:

- » Active Army
- » Army National Guard
- » Army Reserve

#### Description

IPPS-A will provide a more centralized resource for soldiers, Army leaders, and human resources specialists to access soldier personnel and pay data. By consolidating redundant systems and processes, IPPS-A will help transform the way the Army executes human resources and financial management activities. To achieve this goal, the Army will incrementally deliver IPPS-A capabilities in five releases over the next five years.

## Product and Services

IPPS-A will automate many pay procedures and will enable personnel actions to trigger associated pay events across all Army components. IPPS-A will include a self-service capability that will allow soldiers 24/7 access to their personal information. IPPS-A will provide soldiers, Army leaders, and human resources specialists access to a more efficient way to manage soldier personnel and pay information.

### IPPS-A will help manage:

- » Soldier pay
- » Assignments
- » In and out processing
- » Awards
- » Benefits
- » Personnel and pay reports
- » Personnel transactions
- » Separations and retirements
- » Personnel accountability
- » Evaluations
- » Promotion information

### IPPS-A will provide:

- » A single comprehensive personnel record
- » Self-service access
- » Data standardization
- » Integrated personnel and pay
- » Business process standardization
- » Cross Component support
- » Electronic approvals
- » Personnel asset visibility
- » Strength management and accounting
- » Access to accessions information

## 3.7 Medical Communications for Combat Casualty Care (MC4)

Fort Detrick, MD  
www.mc4.army.mil  
301-619-7858

### Project Summary

Medical Communications for Combat Casualty Care (MC4) integrates, fields and supports a comprehensive medical information system, enabling lifelong electronic medical records, streamlined medical logistics and enhanced situational awareness for Army operational forces. By accomplishing this mission, MC4 is providing the Army's solution to presidential and congressional objectives, set forth by Title 10 in 1997, which called for a medical tracking system for all deployed service members.

## Description

MC4 is a ruggedized system-of-systems containing medical software packages fielded to operational medical forces worldwide. Comprised of joint software, commercial and government off-the-shelf products, MC4 provides the tools needed to digitally record and transfer critical medical data from the foxhole to medical treatment facilities worldwide.

Deployable medical forces use the MC4 system to gain quick, accurate access to patient histories and forward casualty resuscitation information, as well as to deliver health care services remotely through MC4 telehealth capabilities. The system also provides units with automated tools facilitating patient and item tracking, blood management, medical reporting and medical logistical support. Combatant commanders use the MC4 system to access medical surveillance information, resulting in enhanced medical situational awareness.

Most importantly, MC4 is helping deployed service members. By equipping deployed medical units with automated resources, MC4 helps ensure service members have a secure, accessible, lifelong electronic medical record, which results in better informed health care providers and easier access to VA medical benefits.

MC4 is a groundbreaking system, managing the DoD's first and most comprehensive battlefield medical recording system, and enabling the capture of more than 17 million electronic patient encounters in the combat zone since 2003. To date, MC4 has also trained more than 62,000 deployable medical staff and commanders, and has fielded 48,000 systems to 2,400 units with medical personnel, including Army National Guard and Reserves, and all active component divisional units in 21 countries.

MC4 remains the most widely-used, com-



1st LT Christopher Jarvis, nurse with the 256th Combat Support Hospital, uses the MC4 system to electronically capture data on a mass casualty victim during pre-deployment training at Fort Lewis, Wash.



prehensive information management medical system on the battlefield today. MC4's vision is to be the premier enabler for improved tactical health care and better decision making through the power of information technology.

### 3.8 Reserve Component Automation Systems (RCAS)

Alexandria, VA

<http://www.eis.army.mil/index.php/organization/hr/24-project-directorate-reserve-component-automation-systems-pd-rcas>

703-325-4445

#### Project Summary

RCAS supports the Army National Guard (ARNG) and the United States Army Reserve (USAR) by providing standardized and sustainable automated information solutions that contribute to the increased readiness of the Reserve Component (RC). RCAS is an integrated suite of software products and automated information systems that significantly improve the ability of RC soldiers and units to accomplish day-to-day unit administration. RCAS is "serving the soldier...serving the Nation" through the development and sustainment and enhancement of readiness software products, infrastructure, and hardware solutions.

#### Description

RCAS provides the Army with the capability to administer, manage, prepare, and mobilize ARNG and USAR forces more effectively. More than 50 percent of the Army's force structure is in the Reserve Component. RCAS provides a standardized, integrated solution that links approximately 10,500 Guard and Reserve units at approximately 4,000 sites located in all 50 states, three territories, the District of Columbia, and Europe.

#### Products and Services

RCAS provides a full range of services to support its products including: applications training, an Enterprise service help desk, onsite and remote engineering support, hardware procurement, and refresh initiatives.

RCAS training is evolving from an instructor-led, location-dependent style to a dL model, leveraging the benefits of on-line interactive training modules to quickly bring RCAS users up-to-speed with RCAS software. The dL model encourages a less

costly, but highly effective model for ensuring the availability and affordability of training.

The RCAS end user applications fulfill four major functional software capabilities: Mobilization and Readiness, Safety, Personnel, and Force Authorization. In addition, tools for RCAS Administration are integral to the RCAS software suite.

- » Mobilization Planning Data Viewer (MPDV) enables units to execute all Phase 1 through 3 mobilization tasks as required in the FORSCOM RC Unit Commander's Handbook. The Training and Operational Readiness Tracking (TORT) module provides the capability to manage and report on required pre-deployment training tasks.
- » Safety and Occupational Health (SOH) supports both air and ground accident report preparation (risk management, system defect analysis, and hazard tracking and management).
- » Military Personnel Office Orders (MIL-PO Orders) automates the generation of personnel orders and other personnel transactions so that associated tasks can be completed quickly and easily.
- » Unit Personnel System/Command Management System (UPS/CMS) makes routine personnel actions easier and faster by displaying personnel data down to the unit level.
- » Retirement Points Accounting Management (RPAM) accounts for and reports on retirement points for soldiers assigned to the ARNG.
- » Unsatisfactory Participation Letter (U-Letter) tracks unsatisfactory training event participation for the USAR and produces an automated notification letter for the soldier as required by Army regulation.
- » Integrated Data Viewer – Personnel (IDV-P) is a decision support tool for command leadership at all levels, generating reports for readiness and training, Military Occupational Specialty Qualified (MOSQ), and Noncommissioned Officer Efficiency/ Officer Efficiency Reports.
- » Permanent Order System (POS) creates, modifies, disseminates and prints permanent orders for USAR MTOE and TDA units.

- » Force Management (FM) enables users to develop strategic plans for current and future RC forces and display and update force management information.
- » Organizational Authority (OA) manages unit information and produces reports with information based on stationing plans and reconciliation with FM.
- » Authorization and Requirements (A&R) compares authorization document data with force management data to produce a set of checklist reports.
- » RCAS Authorization Data for Personnel (RADPer) allows users to manage A&R documents, create management reports, and assign derivatized unit identification codes.
- » Full Time Support (FTS) manages and tracks position and budget data related to full time support positions for the USAR.

#### Data and Voice Modernization

RCAS provides IT infrastructure design and implementation support to the US Army Reserve Command (USARC) for BRAC and new Military Construction (MILCON) projects. RCAS is completing a voice and data network solution which will enable the USAR to converge currently separate data and voice networks into an integrated solution.

#### Distributed Learning

RCAS also supports the acquisition activities for the ARNG's Distributed Learning Program (DLP). DLP efforts are focused on "bringing training to the soldier" using mobile systems and on-line capabilities. In support of this Enterprise, RCAS has finalized the configuration and is fielding the next generation Mobile Distance Learning Classroom (MDLC).

The MDLC is designed as a "classroom in a kit" that will provide the same functionality as the current fixed dL classrooms. The MDLC will provide the flexibility to easily transport and installed at ARNG armories and facilities, providing additional training and mobilization support. The MDLC provides updated video conferencing, and introduces newer digital and high definition technologies to the dL classrooms.

## PROJECT AND PRODUCT OFFICES

## 4.0 Financial Management

### 4.1 General Fund Enterprise Business System (GFEBS)

Alexandria, VA  
<http://www.gfebs.army.mil>  
 703-682-3000

#### Project Summary

GFEBS integrates financial, real property, cost, and performance data into a Web-based ERP system. GFEBS standardizes business processes and transactional input across the Army, provides real-time visibility of transactions, integrates data, and produces full cost data. GFEBS will enable decision-makers to better leverage current resources and enable better analyses of resource implications for programs and budgets.

#### Description

GFEBS brings the majority of Army financial and real property management processes into a single system, integrates performance data, and produces full costs. This empowers leaders at all

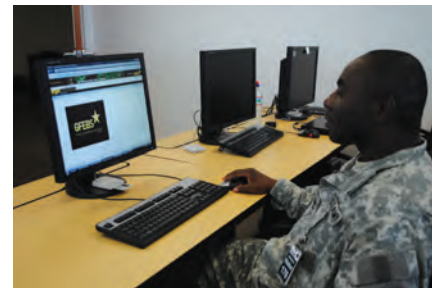
levels to consider the true costs of operations, functions, organizations, and more when making decisions.

GFEBS is being implemented across all three Army components: active Army, ARNG, and USAR. For the first time, the Army will have a single authoritative source for financial and related non-financial data for the entire general fund.

Ultimately, GFEBS will replace and/or subsuming more than 80 Army legacy accounting, financial and asset management systems including the Standard Finance System (STANFINS) and Standard Operation and Maintenance Army Research and Development System (SOMARDS). When fully implemented, GFEBS will be one of the world's largest ERP systems with some 79,000 end users at more than 200 locations around the world and with about a million transactions a day. GFEBS will enable the Army to better manage current and better estimate future budget requirements for the \$140+ billion annual expenditures.

#### Products and Services

GFEBS provides accurate, reliable, and real-time financial and real property data; enables cost management activities; and better enables relating execution and future budget data. GFEBS is a significant step in transforming how the Army does business — moving the Army from a spending to a cost management culture.



SGT 1st Class Devon Henry, OCAR (Office of the Chief of Army Reserve) attends a GFEBS Power User Training Class in Alexandria, Va.

## PROJECT AND PRODUCT OFFICES

## 5.0 Acquisition

### 5.1 AcqBusiness

Alexandria, VA  
<https://acqbiz.army.mil>  
 571-403-3129

#### Project Summary

AcqBusiness develops Enterprise solutions and provides data management services that support acquisition community needs. These capabilities enable consistent, effective, and efficient conduct and oversight of acquisition tasks. The planning and development of additional capabilities are ongoing with prototyping, user involvement, and capability distribution via a modern and scalable net-centric architecture as core elements of the program strategy.

#### Description

The AcqBusiness program consists of a continuing series of enterprise software projects developed to assist acquisition personnel in

conducting business. AcqBusiness collaborates with their Combat Developer, Performance Assessment and Root Cause Analysis (PARCA), and the Army acquisition community to identify Enterprise business requirements and develops solutions that meet critical needs. To date, the program has fielded a substantial infrastructure and variety of functional IT tools and services providing an Enterprise, service-oriented, business environment that brings the right information to the right people at the right time.

#### Products and Services

» AcqBusiness 3.0 is a framework for integrating information, processes, and applications across PM AcqBusiness and Army Acquisition community's organization boundaries. AcqBusiness 3.0 provides Army Acquisition users with a "one-stop shop" for acquisition function

and management of information.

- » ASA(ALT) Executive Dashboard facilitates Army program oversight by providing Army Acquisition leaders with authoritative information to assess the health and status of the ASA(ALT) enterprise.
- » MRAP Requirements Management System (MRMS) application satisfies the JPO MRAP's need for an automated, secure, flexible and controlled solution for the efficient and effective management of the MRAP program requirements and capabilities data.
- » Career Acquisition Personnel & Position Management Information System (CAPPMS) provides Army military and civilian customers the tools to plan, manage and track their career development within the Army Acquisition, Logistics and Technology (AL&T) Workforce.
- » AIM (Acquisition Information Manage-

ment) provides a suite of tools to support planning, programming, management and execution of acquisition programs.

- » AcqTech is an Enterprise management software solution developed to support the Army Science and Technology (S&T) community. It is composed of two main applications: a project management ap-

plication and a collaboration suite.

- » Oracle Universal Content Management (UCM) is a suite of tools which provide digital libraries, workspaces and user controlled online content management.
- » Access and Security Management Services (ASMS) is a set of tools providing centralized user authentication and role-

based access control designed to simplify user management and application access.

- » Web-based data services provide secure and reusable access to authoritative data reducing the need for end users to manually re-enter data from one application to another.

## PROJECT AND PRODUCT OFFICES

### 6.0 Biometrics

#### 6.1 Department of Defense Biometrics (DoD Biometrics)

Alexandria, VA

<http://www.eis.army.mil/biometrics>

703-325-6990

##### Project Summary

DoD Biometrics designs, engineers, acquires, deploys, and sustains Enterprise biometric solutions in multiple operating environments enabling identity dominance on the battlefield and across DoD.

##### Description

DoD Biometric systems capture, transmit, store, manage, share, retrieve, and display biometric data for timely identification or identity verification. These systems are mission enablers for force protection, intelligence, physical and logical access control, identity management/credentialing, detention and interception operations.

With a PM forward organization in Iraq and Afghanistan, the DoD Biometrics office provides biometrics support to the Overseas Contingency Operations (OCO's), including counter intelligence, Iraqi and Afghani security force screening, detainee operations, cache and post-IED incident exploitation, intelligence operations, presence operations, local population control, seizure operations, and base access control.

DoD Biometrics protects the nation through identity dominance by enabling responsive, accurate, and secure biometrics any place, any time, in cooperation with the Department of Homeland Security, Department of Justice, Department of State and other government agencies. DoD Biometrics has transformed the current

environment, which was based on legacy stovepipe pilot programs, Advanced Concept Technology Demonstrations (ACTD), and Rapid Equipping Force (REF) projects, to enduring capabilities. Biometrics is moving towards an Enterprise system-of-systems staged architecture composed of strategic, operational, and tactical components.

Organizations within PM DoD Biometrics include:

- » Biometrics Enabling Capability (BEC)
- » Joint Personnel Identification (JPI)

#### 6.2 Biometrics Enabling Capability (BEC)

BEC consists of the Next Generation-Automated Biometric Identification System, also known as (NG-ABIS) – the central, authoritative, multi-modal biometric data repository. It is the enterprise-level authoritative data source for DoD biometrics. NG-ABIS expands capabilities with multi-modal (fingerprint, palm, iris, face) storage and matching, watch list capability, and improved integration with interagency repositories. It is based on adaptations of COTS products, using open architecture to minimize development and speed deployment. The system takes advantage of low-risk, cost-effective blade hardware to optimize system availability and scalability, and ensure continuity of operations.

NG-ABIS interfaces with numerous DoD and interagency biometrics systems, including the FBI Integrated Automated Fingerprint Identification System (IAFIS), and the Department of Homeland Security IDENT System, storing and matching biometric data on persons of interest to DoD.

#### Products and Services

- » Next Generation-Automated Biometric Identification System (NG-ABIS) also known as DoD ABIS.

#### 6.3 Joint Personnel Identification (JPI)

As an acquisition category 1 (special interest) program, JPI will provide an Army tactical mobile and portable biometric collection capability to capture an adversary or neutral person's biometric data and enroll them into the DoD Automated Biometric Identification System (ABIS) database to positively identify and verify the identity of actual or potential adversaries. JPI development will be informed by prototype collection capabilities utilized in the Biometrics Automated Toolset - Army (BAT-A).

U.S. forces are currently operating unilaterally or in combination with joint, multinational, and interagency partners, to identify unknown individuals and verify the identity of person(s) across the full spectrum of military operations, to include OCOs.

Capabilities proposed for JPI will provide a means to collect, match, store and serve as a basis to further build upon to address a full range of operational mission environments.

#### Products and Services

- » Biometric Automated Toolset – Army (BAT-A)
- » Handheld Interagency Identity Detection Equipment (HIIDE)
- » Secure Electronic Enrollment Kit II (SEEK II)