



ASA(ALT)

DESIGN • DEVELOP • DELIVER • DOMINATE



CONTENTS

Letter from the Principal Deputy Assistant Secretary of the Army for Acquisition, Logistics, and Technology (ASA(ALT)) and the Military Deputy to the ASA(ALT)	4
ASA(ALT) Credo	5
ASA(ALT) Overview	6
Program Manager Future Combat Systems	16
JPEO Chemical and Biological Defense	20
PEO Ammunition	24
PEO Aviation	28
PEO Combat Support and Combat Service Support	32
PEO Command, Control, and Communications Tactical	36
PEO Enterprise Information Systems	40
PEO Ground Combat Systems	44
PEO Intelligence, Electronic Warfare, and Sensors	48
PEO Missiles and Space	52
PEO Simulation, Training, and Instrumentation	56
PEO Soldier	60
U.S. Army Acquisition Support Center	64

22 September 2008

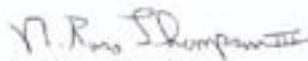
We are a Nation at war in an era of persistent conflict. Our warfighters are deployed around the globe, serving at the forefront of the international struggle against terrorism. They are well trained and well led, and are also well equipped because of the dedication of the Army Acquisition Workforce and our equally dedicated Joint, Service, and industry stakeholders and partners.

We work for the Soldier. To make the Army Strong ... we make Soldiers Strong. Our mission, in broadest terms, is to equip and sustain the world's most capable, powerful, and respected Army by employing best business practices, ensuring fiscal and environmental stewardship, and focusing on our top priority: to provide world class weapons systems and equipment to our warfighters.

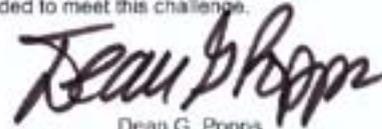
The organizations presented in this reference book are the key elements of the acquisition community who accomplish this mission. They are manned by highly dedicated professionals who execute diverse responsibilities to enable disciplined management of an extensive acquisition portfolio. Under the leadership and direction of eleven Program Executive Offices, and one directly reporting Program Manager, the Chemical Materiel Agency, and the Medical Research and Materiel Command, they manage over 650 complex acquisition programs which comprise over 25 percent of the Army's total budgetary authority.

This reference book complements and augments a wide variety of publications that showcase what we do — which range from our *Weapon Systems Handbook*, to our *Science and Technology Master Plan*, to *Army Acquisition, Logistics and Technology Magazine* (both print and online versions), to reports and pamphlets from individual Program Executive Offices, to the latest releases on Future Combat Systems, the core of our Army modernization effort. As you review these documents, and visit our organizations and displays, you will see firsthand the scope, complexity, innovation, and strategic relevance of the products and systems we are providing.

As the Army recapitalizes and modernizes its current capabilities — while simultaneously investing in new technologies and capabilities to better support our Soldiers — we will continue to depend upon support and strong relationships with the Department of Defense, the Congress, and vital strategic partners such as the Army Materiel Command. By providing our Soldiers with the most technologically advanced and sustainable platforms and systems, we will ensure they are able to meet emerging threats with confidence. Moreover, we will continue to demonstrate the leadership, managerial excellence, innovation, and commitment to continuous improvement needed to meet this challenge.



N. Ross Thompson III
Lieutenant General, GS
Military Deputy to the
Assistant Secretary of the
Army (Acquisition, Logistics
and Technology)



Dean G. Popps
Principal Deputy Assistant Secretary of the Army
(Acquisition, Logistics and Technology)



DESIGN • DEVELOP • DELIVER • DOMINATE
We Make Soldiers Strong



Assistant Secretary of the Army (Acquisition, Logistics and Technology) Credo

Our first responsibility is to the **Soldier** who protects and preserves our Nation. We strive to meet the needs of the Soldier at war while innovating to respond to the rapidly evolving threat environment. In meeting the needs of Soldiers, who are deployed by Combatant Commanders to put their boots on the ground, we ensure the production of the highest quality capabilities — to provide the right product, at the right place, and at the right time. As the single decision authority on all matters regarding acquisition, we ensure that America's Army is equipped for the 21st century.

Our second responsibility is to the **Acquisition Workforce**, the men and women who work daily to ensure quality products for the Soldier. We must ensure the readiness and sustainment of a professional civilian and military workforce. We must promote leadership and professional development within this workforce. We must ensure that individual skill sets are matched with relevant work requirements. We must promote an environment of open communication, in which our workforce can excel in their vital roles to equip and sustain the world's premier fighting force.

Our next responsibility is to our **partners** — Army, Joint, Industry, International, and Academia. We work with our partners to develop, acquire, deliver, and sustain weapons systems and capabilities for Soldiers. We must collaborate effectively to ensure our Soldiers are rapidly equipped with the products they need. We must work closely with our partners to continually improve the quality and interoperability of Army capabilities.

Our final responsibility is to the **American Public**. We must be good stewards of taxpayer dollars and work continuously to achieve the highest levels of effectiveness and efficiency in our business processes. We must communicate effectively to those who represent the public to ensure they understand the impact that ASA(ALT) and the Acquisition Enterprise have on their constituents. We must remain connected to the people we serve and the communities we depend upon for support.

We Make Soldiers Strong

The United States is a Nation at war. To successfully fulfill its role as the **STRENGTH OF THE NATION**, in an era of persistent conflict, our Army must have the capability and capacity to execute its missions and functions — strategic, operational, and tactical. It is essential that our Soldiers receive the right product, at the right time, at the right place, and at the right price.

ASA(ALT) serves as the Army Acquisition Executive, the Senior Procurement Executive, the Science Advisor to the Secretary of the Army, and as the senior research and development official for the Department of the Army. ASA(ALT) also has principal responsibility for logistics for the Department of the Army.

ASA(ALT)'s mission is to effectively and efficiently develop, acquire, field, and sustain materiel by leveraging domestic and international, organic and commercial technologies and capabilities



ASA(ALT) and its affiliates and partners around the world work to develop, acquire, deliver, and sustain weapons systems and the best capabilities for our Soldiers.

to meet the Army's current and future mission requirements. Our vision is clear: *To equip and sustain the world's most capable, powerful, and respected Army.*

The Army Acquisition Enterprise consists of over 43,000 professionals, employed, and deployed worldwide in an organization comprised of a Headquarters and 15 subordinate Program Executive Offices, Direct Report Program Managers, and supporting Direct Report Units, and more than 650 programs. These programs range from Future Combat Systems (FCS) to the Army combat uniform; from the Apache Longbow helicopter to the advanced combat helmet; and from life-saving medical equipment to chemical demilitarization operations. As we manage people and programs, we are guided by a set of common beliefs:

- We will **MAKE SOLDIERS STRONG**, through acquisition processes focused to **DESIGN, DEVELOP, and DELIVER** capabilities to enable our Soldiers to **DOMINATE** in an era of persistent conflict.
- We will **SUPPORT THE WARFIGHTER**, while striving to **ACHIEVE ACQUISITION EXCELLENCE**.
- We will **ENABLE SOLDIERS THROUGH HIGHTECHNOLOGY** with **FCS SERVING AS THE CORE OF ARMY MODERNIZATION**.

Our commitment to our people underpins and creates the foundation for our success. We cannot achieve any of these objectives without developing and caring for our dedicated and professional **ACQUISITION WORKFORCE**.

Emerging Strategic Direction

We have established seven key strategic initiatives to guide our efforts to continuously improve our capability and capacity to achieve our mission and realize our vision. They will frame our dialog, both internally and with external stakeholders, and provide the unifying focus required to achieve our mission.

Support Soldiers by Delivering Materiel and Services Needed

We must ensure our ability to accomplish National Security and National Military Strategy objectives through the efforts and innovation demonstrated by our Soldiers and our Army civilians, while planning, programming, and structuring our acquisition programs accordingly. We must rapidly and flexibly respond to time-sensitive requirements, while remaining fully compliant with fiscal and environmental stewardship responsibilities, ethical standards of conduct, and the provisions of the laws which create the context for our responsibilities and relationships.

This initiative is overarching in nature, and is enabled by the other initiatives described below.

Leverage the Full Potential of Technology to Empower Soldiers

We must sustain the technological superiority of our Soldiers by pursuing technologies to create unprecedented capabilities for our Current and Future Force. Underpinning this imperative is a robust and dynamic Army Science and Technology community — of people and laboratories — that lead science and engineering for our high-

technology Army. The Army's scientists and engineers have been at the forefront in adapting technology for urgent operational needs, as exemplified by the Packbot robot which furnishes an explosives chemical sensor for vehicle borne improvised explosive device detection. Likewise, our scientists and engineers continuously harvest materiel solutions from past investments, such as the development of guidance and control technology for the Excalibur precision artillery munition. They also provide extraordinary technical expertise which has resulted in the development and integration of technologies, such as new lightweight armor. This armor has dramatically enhanced Mine Resistant Ambush Protected (MRAP) survivability in the face of constantly evolving threats.

Sufficient, sustained, and predictable investment in research and development and technology is imperative to providing Soldiers with the capabilities that will allow them to maintain an asymmetric advantage over our enemies.



MRAP vehicle with new lightweight armor.

Continually Improve our Acquisition Processes

To enhance the vitality and relevance of Army Acquisition, we continually review our internal processes and procedures. We strive to achieve acquisition excellence by reinforcing our history as good stewards of taxpayer dollars and remaining accountable to Congress, the President, the American Public — and our Soldiers who depend on us. We are committed to making progress in two key areas — people and programs — to continue to modernize and for the Army to remain the world's preeminent landpower.

Supporting an Army at war is critical, both tactically and strategically. From a tactical standpoint, we are working with our Joint, international, and industry partners to provide the weapon systems and equipment our Soldiers need to accomplish their missions decisively. Strategically, as we meet ongoing requirements, we are working to collapse the timelines required to get weapon systems and equipment to our Soldiers. Our goal is to compress the concept-to-combat cycle to meet the immediate and future needs of our warfighters.

It is essential that we remain committed to the Soldier, while operating within the statutory and

regulatory bases which govern how we manage and support systems and programs across their entire life cycles. We must analyze the evolving requirements for developing and fielding systems, Systems-of-Systems, and materiel in an era of persistent conflict — *identifying where standard acquisition processes and timelines cannot meet Soldier needs and adapting accordingly*. We have implemented numerous adjustments to our traditional processes. In so doing, we have begun fielding systems through FCS Spin-Outs and Rapid Equipping and Fielding programs — demonstrating an unprecedented series of process changes that have challenged the status quo for acquisition program management.

We cannot have a 21st century operational force generated and supported by 20th century processes. To meet our future challenges, we must achieve a high level of continuous, measurable improvement in our core acquisition and logistics business processes to increase both effectiveness and efficiency. Successful business transformation is essential to our long-term health because it will free human and financial resources for other acquisition missions. In addition, by “taking work out” of our processes — *reducing waste in all its forms* — we will accelerate the rate of our transformation and, with constant fiscal pressures, enable our Army to redirect resources to more compelling wartime needs.

The guiding principles of our business transformation are:

- Involve senior leadership directly in key enterprise projects with an emphasis on continuous improvement.
- Concentrate on the core of our activities —

and organize around the work that must be done.

- Establish an unbroken line of execution authority and accountability for results:
 - Focus on performance,
 - Delegate decision-making authority to the proper organizational level,
 - Empower accountable project owners to deliver transformational results.
- Commit to continuous learning as a transformation accelerator.
- Institutionalize the Lean Six Sigma methodology as a forcing function.
- Reinforce that Army core values equal Army Acquisition Enterprise business ethics.

Continually Improve our Capacity to Design, Develop, Deliver, and Sustain

We must meet the challenge to reduce overhead while remaining centrally focused on an Army Acquisition Enterprise approach to developing and fielding systems that meet the operational needs of our Soldiers. We must embrace System-of-Systems Engineering and the implications that this construct may have for our entire acquisition program management framework. We must proactively attract and retain the best scientists, engineers, program managers, logisticians, business and contracting professionals, and all of the critical skill areas required to effectively and efficiently manage our complex acquisition portfolio.

We must embrace the interdependencies of systems and platforms — both under development and in sustainment — to fully understand and articulate the resource, scheduling, and operational impacts of program adjustments.



ASA(ALT) is responsible for designing, developing, and delivering new and cutting-edge equipment to our Soldiers on the battlefield.

We must also continue to build the capability and capacity to manage systems of systems across their entire life cycles. Likewise, we must improve our ability to work with the Training and Doctrine Command, other Army entities, and Combatant Commanders — to fully understand and anticipate emerging requirements for warfighter capabilities — through refinement, development, and production processes, and throughout the operational lifespan of systems.

In addition, we must continue to demonstrate superb management of highly sensitive and visible programs for which we have executive agent authority, such as the Nation’s chemical weapons disposal program. To execute this responsibility, using acquisition procedures to baseline our processes, the U.S. Army Chemical Materials Agency (CMA) works with private industry, academia, and other interested policy and environmental stakeholders to eliminate America’s stockpile of obsolete chemical weapons. CMA also responds to discoveries of non-stockpile chemical weapons and safely stores those weapons until their disposal. Moreover, CMA partners with the Federal Emergency Management Agency to prepare local communities to deal with potential emergencies involving those weapons.

Grow and Enhance the Capability of the Acquisition Workforce

Our people are our most important asset. During the last decade, we witnessed a steady decline in the size of the Army Acquisition Workforce — in the face of a wartime workload increasing in both magnitude and complexity. The civilian and military

members of our Acquisition Workforce now total 43,000, a significant reduction from the Cold War era. In addition, during 2007, this workforce managed over one-quarter of every Federal dollar spent on contracts.

In recognition of the vital service our Acquisition Workforce professionals perform, we have obtained, during this past year, Congressional and Department of Defense approval to increase our numbers. We are well underway in our work to properly resource this growth. We have also undertaken a range of initiatives — in education, training, and career management — that will enhance the overall stature, development, and professionalism of those who fill our ranks.

We must also strive to strengthen the unique identity of our Acquisition Workforce professionals and our programs to care for them. In addition, we must accelerate our work to institutionalize Contingency Contracting as a core competency — in order to enable Army-wide program management and logistics which is needed to perform the strategic and operational logistics functions needed to make immediate and long duration expeditionary operations a reality. To this end, we are adjusting our organizational structures and personnel policies to better support and enable our Army’s transformation to become a Joint, Expeditionary, and campaign capable force and to better execute core processes in our Army Force Generation model.

To underwrite global expeditionary capability and provide optimal acquisition support to warfighters when and where it is needed, we are developing additional professional development opportunities for both uniformed and civilian members of the

Acquisition Workforce. Our goal is to enable our dedicated professionals to develop the capacity to execute their missions effectively in a diverse series of environments. Our primary developmental resource is the Defense Acquisition University (DAU). Specific initiatives being developed in collaboration with DAU include:

- A 3-year Competitive Development Group/ Army Acquisition Fellowship Program for mid-level acquisition professionals.
- An Executive Leadership Program for General Officers and Senior Executives.
- Expanded Training with Industry for our military and civilian workforce.
- A new set of civilian fellowships for other segments of our Acquisition Workforce.

Make FCS the True Core of Army Modernization

The Army’s enduring mission is to protect and defend our vital security interests and to provide support to civil authorities in response to domestic emergencies. This requires an expeditionary, campaign capable Army able to dominate across the full spectrum of conflict, at any time, in any environment, and against any adversary — for extended periods of time. To achieve this mission, we are continually reviewing and adapting our structure and capabilities to remain responsive to the evolving world security environment. We are accelerating our efforts to modernize our business processes accordingly.



ASA(ALT) strives to strengthen the Acquisition Workforce by adjusting organizational structures and personnel policies to achieve a world-class expeditionary capability, providing acquisition support to warfighters around the globe.

We must take the lessons learned from FCS — Spin-Outs, System-of-Systems Engineering, networked operations, and the full implications of system and process interdependencies — and apply them to our internal operations to continuously improve “how we do business” to support the Soldier. Just as the Army applies the DOTMLPF (Doctrine, Organization, Training, Materiel, Leader Development, Personnel, and Facilities) construct to determine appropriate adjustments to its operational capabilities, we must apply this same construct to our institutional processes, which govern acquisition to enable us to evolve on pace with the warfighters we support.

We must also continue our efforts to bring the Army’s acquisition and sustainment communities closer together to focus seamlessly on the entire life cycle of our weapon systems and equipment. We are implementing life-cycle management enhancements with the goal of providing products to Soldiers faster, making good products even better, minimizing life-cycle costs, and enhancing synergy and effectiveness by creating closer relationships among all stakeholders.

Improve our Capability and Capacity to Articulate our Strategic Initiatives and Compelling Needs

We must fully develop the capability to advocate for our compelling needs by communicating more effectively with both our internal and external stakeholders. We serve both the Soldier and the American Public — and must remain connected to both. We are working aggressively to:

- **Build Awareness** of ASA(ALT)’s strategic direction and priorities to advance our organizational mission and the execution of Army acquisition programs.
- **Build Cooperative Relationships** with ASA(ALT) stakeholders to ensure effective and efficient execution of organization priorities and programs.
- **Build Advocacy** for Army and ASA(ALT) priorities and initiatives through carefully focused activities intended to *educate and inform key stakeholders*. Our efforts in this realm are intended to increase the likelihood of achieving our strategic goals, by creating “champions” and obtaining sufficient, sustained, and predictable resourcing needed to ensure program stability and enable better program management.

Ultimately, to accomplish our mission for Soldiers, we are working — as part of an overarching Department of the Army undertaking — to communicate with our stakeholders in a clear, unambiguous fashion.

Moving Forward

This reference provides an overview of the accomplishments, activities, and direction occurring within the Army Acquisition Enterprise. This book will furnish a more in-depth perspective on our people, the programs which comprise our acquisition portfolio, and the areas in which we are working continuously to improve.

As we move forward, during a period of political and organizational transition, we will remain focused on the strategic initiatives outlined herein. Moreover, we will remain committed to progress in several key areas, which underwrite our ability to accomplish our mission for Soldiers. We must continue to:

- Embrace the lessons learned from the global war on terror and adjust our business processes and build core competencies accordingly.
- Institutionalize System-of-Systems Engineering in program management, an expeditionary workforce, Contingency Contracting as a core competency, and a culture of continuous improvement.
- Enhance our ability to work with key Army entities and Combatant Commanders to identify and refine capabilities and requirements and our ability for rapid technology insertion to get our Soldiers what they need in a timely fashion.
- Strengthen and establish collaborative relationships with our interagency partners and international allies to ensure the availability of technology and interoperability of coalition forces.
- Sustain robust Science and Technology programs and partnerships in order to develop

the technology required to dominate in the face of increasingly more lethal and complex threats.

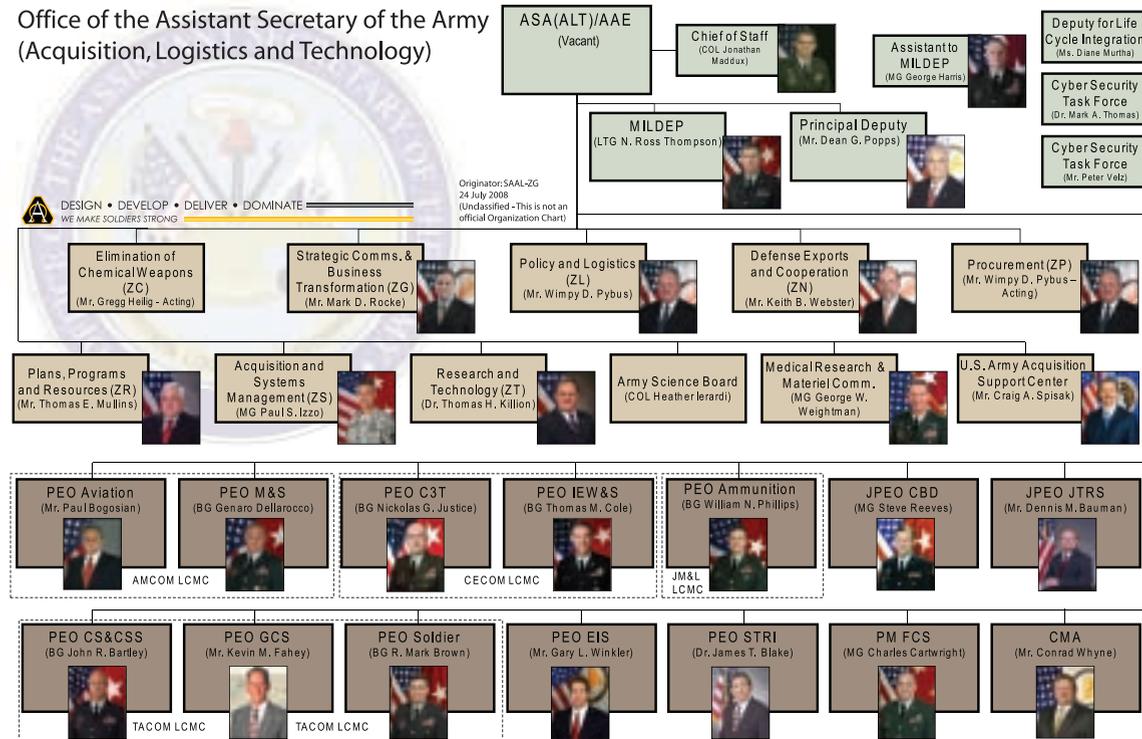
- Care for and advocate for the needs of our Acquisition Workforce, while attracting and retaining world-class professionals to fill our ranks.
- Improve our capacity to obtain sufficient, sustained, and predictable resourcing needed to achieve program stability and acquisition excellence — and meet Soldiers’ needs.



The Long Range Advanced Scout Surveillance System enables Soldiers to conduct multi-system, day or night reconnaissance providing real-time detection, recognition, identification, and pinpointing of distant targets.

Army Acquisition Enterprise

Leadership



Army Acquisition Enterprise

Subordinate Headquarters Locations





Program Manager Future Combat Systems

Overview

Program Manager Future Combat Systems (Brigade Combat Team) (FCS(BCT)) provides Soldiers and leaders with leading-edge technologies and capabilities, allowing them to dominate in asymmetric ground warfare while allowing the Army to build a force that can sustain itself in remote areas. The FCS program is progressing on time and schedule, using a holistic system-of-systems acquisition approach to get state-of-the-art equipment to our Soldiers now.

Our program consists of eight new Manned Ground Vehicles (MGVs); a family of unmanned air and ground vehicles; the Non-Line-of-Sight – Launch System (NLOS-LS); and advanced tactical and urban sensors that are all connected by a state-of-the-art network. These systems will provide Soldiers increased situational awareness, survivability, and lethality — ensuring they can take the fight to the enemy before the enemy has time to react. There are currently 75 FCS hardware tests and evaluations ongoing across the country. Equipment is in the hands of Soldiers with successes such as movement of images from FCS sensors across the battlefield using the network; field tests of FCS unmanned systems at Fort Bliss, TX; and delivery of the first FCS MGV prototype, the Non-Line-of-Sight – Cannon (NLOS-C) for evaluations to prove full system viability.

Success Stories

U.S. Army Completes Production of First NLOS-C Prototype

The FCS Program successfully completed full prototype integration of the first FCS MGCV NLOS-C. The NLOS-C, which has the ability to rapidly deliver precision munitions in both urban and conventional battlespace, is the lead prototype in the Army's family of eight FCS MGVs.

The NLOS-C is much different than all the other combat vehicles produced by the Army thus far. Advanced NLOS-C technology such as an automated loading system and improved accuracy through a projectile tracking system, coupled with the power of the FCS network and sensors, provides the NLOS-C's 2-man artillery crew with the capability to quickly deliver highly accurate sustained fires for close support and destructive fires for standoff engagements. This networked capability is important during both counterinsurgency and conventional fights. "After receiving situational awareness reports from the FCS network, the NLOS-C will be able to put precision fires on target in less than 30 seconds," stated LTC Robert McVay, Product Manager NLOS-C. "This is especially important in counterinsurgency warfare as it will deprive the enemy of the ability to 'shoot-and-scoot', while allowing Soldiers to put precise rounds into urban environments that will help reduce collateral damage."

The state-of-the-art technology that is used in the NLOS-C will also be used in the other eight MGVs, creating commonality that will reduce operations and support burden for the FCS BCT. All MGCV variants will have a common chassis and hybrid propulsion system. Soldiers will complete missions



The NLOS-C has the ability to rapidly deliver precision munitions in both urban and conventional battlespace. The system also offers state-of-the-art technology that uses hybrid propulsion and interchangeable parts with other FCS equipment.

using a system that generates its own electricity, recharges its own batteries, and uses less fuel than today's heavy combat vehicles.

A total of eight NLOS-C prototypes will be produced between 2008 and 2009, with all undergoing rigorous testing, safety certification, and evaluations at various Army test facilities.

U.S. Army Successfully Launches NLOS-LS Precision Attack Missile

The U.S. Army recently completed two successful tests of NLOS-LS's Precision Attack Missile at White Sands Missile Range, NM. As part of the Army's effort to provide FCS technologies to its Interim BCTs, the NLOS-LS will provide Infantry Soldiers with a rapidly deployable and network-linked long range precision fires delivery system. Currently, Infantry and Special Operations Forces

do not have precision fires capability without augmentation from artillery or air support.

The NLOS-LS consists of a containerized launch unit with self-contained tactical fire control electronics and software for remote and unmanned operations. Each launch unit houses 15 Precision Attack Missiles. The Precision Attack Missile is a vertical-launched munition capable of engaging moving targets using automatic target acquisition. The missile receives target information prior to launch, and can receive and respond to target location updates during flight. The missiles are

capable of transmitting near-real-time information in the form of target imagery prior to impact.

In early July, the successful launches proved the NLOS-LS's Precision Attack Missile's stability in cruise and guidance modes and its ability to operate as a node on the network using its onboard radio. The test marked the first time an Army missile with an on-board radio transmitted both missile status while in flight and a preloaded, simulated target image just prior to impact.



The NLOS-LS, another member of the NLOS family, provides a rapidly deployable and network-linked precision-guided munitions launch capability that is currently not available within the Army.



JPEO Chemical and Biological Defense

Overview

Joint Program Executive Office Chemical and Biological Defense (JPEO CBD) is the principal advocate and single point of contact for all chemical, biological, nuclear, and radiological detection, vaccine and medical diagnostic countermeasures, and acquisition efforts in DOD. We support all military services including Homeland Defense, allies, and U.S. citizens and troops abroad. Our vision is to eliminate the biological warfare threat by protecting the homeland, warfighters, and other users.

JPEO CBD provides biological warfare protection by rapidly developing, acquiring, and fielding the most effective biological detection, biological defense vaccines, and medical diagnostic countermeasure equipment within cost, schedule, performance, and logistical parameters. We implement acquisition reform, focusing on the use of best practices while maximizing knowledge, technology, and industrial bases, by partnering with government, academic, and commercial organizations to achieve optimal biological defense capabilities and enhance user satisfaction to retain and expand our user base.



Success Stories

Joint Chemical Agent Detector (JCAD) — One Detector Providing Multiple Capabilities to the Joint Warfighter

The M4 JCAD represents the next generation of point Chemical Warfare Agent (CWA) detectors for fielding to the Joint services. JCAD, which weighs 1.5 pounds and takes up only 27 cubic inches of space, replaces the M8AI Automatic Chemical Agent Alarm and M22 Automatic Chemical Agent Detector Alarm as a CWA point detector.



A Soldier uses the JCAD near a vehicle to detect any presence of chemical toxins or blood agents. The JCAD runs on AA batteries and is a “3-in-1” detector for the high-tech Joint warfighter.

Reducing operations and support costs by 25 percent, JCAD also replaces the Chemical Agent Monitor/Improved Chemical Agent Monitor for survey missions and will provide simultaneous nerve and blister detection. The detector has no radioactive source and can run on common AA batteries for more than 12 hours. It is capable of detecting blood agents and toxic industrial chemicals, a capability not seen in currently fielded handheld systems and one that offers significant improvement.

The JCAD program was separated into two increments, both based on commercially available systems. Increment 1, now in theater, incorporates three detection modes, giving it a “3-detectors-in-1” capability. Increment 2 incorporates all of the features of Increment 1 with several notable additions, including the ability to detect nerve and blister agents at lower levels, to discreetly identify and quantify agents, and to detect non-traditional agents.

The JCAD program represents a novel approach to developing next generation CWA point detectors, and will provide a detector that is smaller, lighter, and less costly than currently fielded systems.

Joint Service General Purpose Mask (JSGPM) — The New Face of Protection

The JSGPM is a lightweight protective mask system that incorporates state-of-the-art technology to provide a minimum of 24 hours of continuous, above-the-neck, head-eye-respiratory protection from vapor, liquid, aerosol, and particulate chemical, biological, radiological, and nuclear threats.

The JSGPM provides commonality among the services by replacing the M40 series of protective masks for U.S. Army and U.S. Marine Corps ground and combat vehicle operations, as well as the MCU-2/P series of protective masks for U.S. Air Force and U.S. Navy shore-based and shipboard applications.

The driving force behind JSGPM’s development was to couple exceptional filtration and agent resistance capabilities with improved operator effectiveness and efficiency by reducing physiological and psychological burdens associated with mask wear. By reducing breathing resistance, weight, and overall profile, JSGPM offers a significant improvement in field-of-view, drinking capacity, comfort, and equipment compatibility — enhancements that will increase survivability by facilitating improved weapons accuracy, communications, and mobility during combat and evacuation.

Since 2001, nearly 2,000 warfighters have worn and carried the JSGPM, totaling more than 45,000 hours of day-and-night operations. Soldier feedback has resulted in a product that is one of the most heavily tested pieces of individual protective equipment ever developed by the Department of Defense. Offering vast improvements over currently fielded

mask systems, the JSGPM is an example of what the Joint collaboration of warfighters, scientists, engineers, and technicians can accomplish through cooperation and hard work.



Subordinate Organizations

Joint Project Manager Biological Defense
 Joint Project Manager Chemical Biological Medical Systems
 Joint Project Manager Collective Protection
 Joint Project Manager Decontamination

Joint Project Manager Guardian
 Joint Project Manager Individual Protection
 Joint Project Manager Information Systems
 Joint Project Manager Nuclear Biological Chemical Contamination Avoidance



PEO Ammunition

Overview

Program Executive Office Ammunition (PEO Ammo) is focused on getting precision-guided munitions and smart weapons into the hands of Soldiers, sustaining the conventional weapons stockpile, and developing and procuring munitions that increase combat power to the warfighter. We provide the warfighter — across all services and for selected interagency and international partners — with the development, fielding, and sustainment of world-class close combat, force protection, and assured mobility capabilities; cannon artillery munitions and mortar weapons, fire control, and munitions; and ammunition for current and future large and medium caliber direct fire close combat systems and individual Soldier systems. We also provide oversight of the Single Manager for Conventional Ammunition mission, demilitarization of conventional ammunition, and management of the industrial base, by developing and supporting technologically advanced networked munitions, exercising economies of sale, and applying best industry business practices to efficiently and effectively acquire ammunition for the Department of Defense and U.S. partners.

Success Stories

Self Protection Adaptive Roller Kit (SPARK): Soldier Input Ensures Success

Since early on in the war in Iraq, U.S. troops have been looking for ways to protect themselves against improvised explosive devices (IEDs). That was the intent when a group of Soldiers from the U.S. Army 3rd Infantry Division created a roller system for their High Mobility Multipurpose Wheeled Vehicle (HMMWV) that the Program Manager Improved Explosive Device Defeat/Protect Force (PM IEDD/PF) would develop into SPARK. The rollers, installed on the front of vehicles, can initiate an IED by rolling over it. The roller causes the device to detonate in front of the vehicle instead of underneath it, greatly reducing the risk of injury to the crew and battle damage to a vehicle.



The Soldier-invented SPARK, a piece of equipment installed to the front of HMMWVs, detonates IEDs in front of the vehicle reducing injury and damage.

Recognized as one of the Army's top 10 inventions of 2007, SPARK has already successfully resolved 72 events in theater. According to BG Bill Phillips, Commander, Joint Munitions and Lethality Life Cycle Management Command and Program Executive Officer, PEO Ammo, the product is a real standout. "I'm proud of the product and proud of how we got there," he said. "This started as a Soldier-driven initiative and has continued in that vein. Not long ago, our PM for IEDD/PF, LTC Karl Borjes, was in Iraq talking to Soldiers who used the SPARK. The Soldiers said they could really use lights for night ops. Borjes said 'We'll make it happen.' And, that's what they did. It's that can-do attitude that permeates this PEO and makes it possible for us to get the warfighters what they need quickly."

Excalibur Provides Precision Accuracy, Low Collateral Damage

The XM982 Excalibur is a versatile weapon for Infantry forces who are called on to destroy sniper and fighting positions, and even explosive-filled houses with precision accuracy and minimal risk or damage to nearby Soldiers, civilians, or structures. The 155mm artillery Precision-Guided Mmunition is capable of striking targets with less than 10 meter Circular Error Probability at all ranges from 8km to 24km. Excalibur's 50-pound warhead and precision accuracy provides concentrated lethal effects with low collateral damage.

Shortly after Excalibur was fielded in Iraq, Army field artillery used it to engage and neutralize two high-ranking Al-Qaeda leaders. After spotting the meeting place, two Excaliburs were fired at the house, destroying it. Unit member LT Joe Bobbitt reported, "Once you give it a grid, it'll go exactly where it needs to go. Excalibur turns the howitzers into a sniper rifle."

Also in Iraq, an Infantry task force received fire from a sniper located less than 100 meters away on the second floor of a building in a densely populated

The Lightweight 155mm Howitzer (M777) can be equipped with software updates and a platform kit (M777 A2) affording the Joint warfighter the capability to fire the Excalibur precision-guided munition.



urban area. Close air support coverage was not available because of high winds. The unit initiated a call for fire, requesting two Excaliburs. Minutes later, the rounds hit, destroying the sniper position. The Soldiers reported that the family in the house next door was unharmed and they continued their mission.

XM982 Excalibur is fielded in Iraq and Afghanistan to U.S. Army, U.S. Marine Corps, and Canadian Field Artillery units. Excalibur was awarded as one of the Army's top 10 inventions for 2007.

Subordinate Organizations

Project Manager Close Combat Systems

- Product Manager Countermine and Explosive Ordnance Disposal
- Product Manager Improved Explosive Device Defeat/Protect Force
- Product Manager Intelligent Munitions System

Project Manager Combat Ammunition Systems

- Product Manager Excalibur

- Product Manager Mortar Systems

Project Manager Joint Services

Project Manager Maneuver Ammunition Systems

- Product Manager Large Caliber
- Product Manager Medium Cannon Caliber
- Product Manager Small/Medium Caliber



PEO Aviation

Overview

Program Executive Office (PEO) Aviation is the Army manager for the Apache Attack Helicopter, Armed Scout Helicopter, Aviation Systems, Cargo Helicopter, Unmanned Aircraft Systems, and Utility Helicopter programs. We provide overall direction and guidance for the development, acquisition, testing, systems integration, product improvement, and fielding of assigned programs. Additionally, we maintain a total Army perspective while managing all assigned programs with a continual focus on supporting the force and ensuring that projects are performed according to specifications and within the established budget and schedule.

Supporting the warfighter remains the top priority of the aviation acquisition workforce and modernizing the fleet is a very important aspect of this mission. In 2004, the Army began an aviation transformation focused on modernizing our current fleet of aircraft and procuring new, state-of-the-art aircraft to more effectively operate in the current and emerging combat environments. We are constantly developing and testing more modern, updated systems within the aircraft, which will provide greater protection for the Soldier and help him/her complete the mission and maintain the aircraft.

Success Stories

Apache Block III Completes First Flight Test

The Apache Block III development program achieved a major milestone on July 9, 2008, by completing the first flight of the Longbow Apache (AH-64D) Block III developmental aircraft. This first flight event was on schedule and begins an intensive developmental flight test program, culminating with a limited user test late next year. The AH-64D will test the new open systems architecture, high-speed mission processors, unmanned aircraft system control capability, and associated hardware and software improvements. In addition to these enhancements, an improved communication suite and improved line replaceable units will be tested on the Block III prototype. The combined Boeing, Longbow Limited Company, and government team worked for months to qualify all major flight components for flight safety prior to July 9. This detailed planning and coordination generated a flawless first flight success. The aircraft was piloted by the Vice Chief of Staff of the Army, GEN Richard Cody, and CW5 Rucie Moore. They put the AH-



The Longbow Apache (AH-64D) conducts close combat attack, deep precision strikes, and armed reconnaissance and security during the day, the night, and in adverse weather conditions. The Longbow Apache is the Army's heavy attack platform for both the Current and Future Force.

64D Block III prototype through a full flight test card of specific maneuvers before landing in front of an audience of more than 400 U.S. Army leaders, supplier representatives, government officials, and Apache team members. Meeting all milestones to date while remaining on cost, the Block III program remains the Army's best performing developmental program. In fact, emerging data is showing a potential for even higher payload and top speed performance than what was originally anticipated.

Modernized Target Acquisition and Designation Sight/Pilot Night Vision Sensor (MTADS/PNVS) Gives Soldiers Vastly Improved Capabilities

It is 0217 hours, and the Longbow Apache aircrew has been watching the three dark figures for nearly 20 minutes as they work feverishly to implant an improvised explosive device (IED) at the roadside, several kilometers away — too far for the terrorists to hear the aircraft. When clearance is received, the aircrew launches a Hellfire missile, and within seconds, both the IED, and the terrorists have been removed as a threat to friendly forces. This is a scene which has played out hundreds of times since the initial fielding of the MTADS/PNVS in Iraq. The impact to operations in *Operation Iraqi Freedom* has been striking. At the beginning of 2007, logistics convoys were attacked as frequently as 20 percent of the time. During the first 6 months of 2008, that rate plummeted to 1.5 percent.

When the AH-64 was first fielded, it included the MTADS/PNVS to allow attack crews to fight at night. The MTADS/PNVS system was a vast improvement over the legacy equipment,

incorporating second generation forward-looking infrared imaging sensors, which provide vastly improved resolution as well as significantly increased operational ranges. As the striking improvement in performance became apparent to users in the field, the commanders have adapted tactics, techniques, and procedures to capitalize on the improved range and resolution.

The MTADS/PNVS system is having an enormous impact on the Apache's contribution to the global war on terror. The aircrews now see farther, clearer, and can prosecute far more threat combatants than before. The result is a significant improvement in both lethality and survivability for the Apache helicopter.



A crew chief with Multi-National Division-Baghdad focuses his night vision goggles before the start of a late-night mission at Camp Taji. The ability to observe terrorist activity at night from a safe distance has removed threats and saved lives.

Subordinate Organizations

Project Manager Apache

- Product Manager Block III
- Product Manager Longbow
- Product Manager Mods/Recap
- Product Manager Sensors

Project Manager Armed Scout Helicopter

- Product Manager Armed Reconnaissance Helicopter
- Product Manager Attack Helicopter
- Product Manager Training Helicopters

Project Manager Aviation Systems

- Product Manager Airborne, Maritime, and Fixed
- Product Manager Air Traffic Control
- Product Manager Aviation Ground Support Equipment
- Product Manager Aviation Mission Equipment
- Product Manager Fixed Wing
- Product Manager Joint Cargo

Project Manager Cargo Helicopter

- Product Manager CH-47
- Product Manager Joint Heavy Lift

Project Manager Unmanned Aircraft Systems

- Product Manager Common Systems Integration
- Product Manager Future Forces
- Product Manager Ground Maneuver
- Product Manager Medium-Altitude Endurance
- Product Manager Small Unmanned Aerial Vehicles
- Product Manager Tactical Concepts

Project Manager Utility Helicopters

- Product Manager Light Utility Helicopter
- Product Manager Medical Evacuation
- Product Manager T700 Engine
- Product Manager UH-60A/L
- Product Manager UH-60M



PEO Combat Support and Combat Service Support

Overview

Program Executive Office Combat Support and Combat Service Support's (PEO CS&CSS) commitment is to provide the Joint warfighter with the world's best capability — today and tomorrow. Our focus is to be prepared for changes in threat, technology, and mission. While facing the hurdles of a Joint environment, we strive to provide the right product, at the right time, from the right source, at the right price. We are committed to the goals and performance of a Joint expeditionary force, focusing on increasing the relevance and readiness of our tactical wheeled vehicle fleet, and ensuring that the best possible product is available to support the Current Force and beyond.

PEO CS&CSS has the mission to develop, acquire, field, and support materiel solutions, ensuring a system-of-systems approach to more than 127 programs spanning Assured Mobility Systems, Bridging Systems, Combat Engineer/Material Handling Equipment, Force Sustainment Systems, Petroleum and Water Systems, and Army Watercraft Systems. We also support more than 90 programs that provide Joint Light Tactical Vehicles; Sets, Kits, Outfits, and Tools (SKOT); and Test, Measurement, and Diagnostic Equipment; and manage more than 80 programs providing Light Tactical Vehicles, Medium Tactical Vehicles, Heavy Tactical Vehicles, and Armored Security Vehicles.

Success Stories

Objective Gunner's Protection Kit (OGPK) Significantly Increases Soldier Survivability

The OGPK represents the latest generation design for an integrated armor/ballistic protection solution that mounts to the turret ring of the uparmored High Mobility Multipurpose Wheeled Vehicle (HMMWV). The survivability upgrade provides 360-degree ballistic protection while retaining visibility for situational awareness by gunners. In addition, the OGPK incorporates an electric motor with joystick controller to allow rapid rotation of the turret to maintain target acquisition as opposed to the previous designs which required manual movement.

The OGPK represents cooperative effort between U.S. Army Research, Development, and Engineering Center (ARDEC) engineers, U.S. Army Test and Evaluation Command testers, the Army's Industrial Base Organization, and Project Manager Tactical Vehicles. This rapid response effort has resulted in more than 13,000 kits being installed on uparmored HMMWVs in theater and has been integrated as the OGPK of choice for the Mine-Resistant Ambush Protection vehicles.



The OGPK is the latest design for an integrated armor/ballistic protection solution that affixes to the uparmored HMMWV. The OGPK provides ease of mobility and armored protection without sacrificing target acquirement.

Lightweight Shop Equipment Contact Maintenance (SECM-LW) Shelter Provides Onsite Repair Capabilities

The new SECM-LW vehicle protects Soldiers while providing repair capability for other vehicles during military operations. At 1,000 pounds lighter than its predecessor, SECM-LW has the capability to travel off-road to repair disabled equipment on site. In July 2006, ARDEC and Product Manager SKOT, in conjunction with the Joint Manufacturing and Technology Center, reviewed every aspect of the SECM design from enclosure to tool load make-up. The goal was to develop a lighter version of the SECM so that it could be mounted on a M1152A1 along with full armor, yet stay within the M1152A1's gross vehicle weight. This was accomplished by reducing the aluminum cage structure and exterior sheeting without losing structural integrity, reducing the enclosure height, removing 95 redundant tools, and replacing the legacy tool load with a technically advanced lighter version without losing any system capabilities.

Manufacturing improvements such as reducing flow times from 82 days to a single day, units in process reductions from 40 to 15 units, and utilization of



Many units have benefited from the new SECM-LW vehicle, a mobile maintenance truck with superior protection which helps to deliver support wherever it is needed.

newly acquired laser cutting equipment resulted in an overall cost savings of \$4.9M for the program and allowed SECM production to increase from 40 to 70 per month. The first SECM-LW rolled off the production line in May 2007. Fourteen months later, the 1,000th SECM-LW was completed.

Product Manager, Petroleum and Water Systems (PM PAWS) Establishes Expeditionary Water Bottling Plant (EWPS)

Up to 60 percent of transportation assets in the Area of Responsibility (AOR) are used to move bottled water. For remote camps, the bottled water is airlifted and/or ground transported to support the Soldiers.

Responding to an Operational Needs Statement for an expeditionary water packaging system, PM PAWS identified a commercial, self-contained, fully integrated, C-130 deployable, International Standard for Organization-configured water bottling system



EWPS is designed for early entry operations to sustain our Expeditionary Force with bottled water until the lines of communication are open or until a permanent sustainment operation can be established.

capable of producing 5,000 1-liter bottles of water per day in any austere environment. The system is designed for early entry operations to sustain our Expeditionary Force with bottled water until the lines of communication are open or until a permanent sustainment operation can be established.

In 2008, an EWPS was delivered to the AOR to support Forward Operating Bases and provides 25 percent of the camps bottled water requirement. This alleviates several airlift and/or reprioritizing ground missions each month and significantly reduces the amount of global war on terror funding spent on bottled water.

Subordinate Organizations

Project Manager Force Projection

- Product Manager Assured Mobility Systems
- Product Manager Bridging
- Product Manager Combat Engineer/Material Handling Equipment
- Product Manager Force Sustainment Systems
- Product Manager Petroleum and Water Systems
- Product Director Watercraft Systems

- Product Manager Sets, Kits, Outfits, and Tools
- Product Director Test, Measurement, and Diagnostic Equipment

Project Manager Tactical Vehicles

- Product Director Armored Security Vehicles
- Product Manager Medium Tactical Vehicles
- Product Manager Light Tactical Vehicles
- Product Manager Heavy Tactical Vehicles

Project Manager Joint Combat Support Systems

- Product Manager Joint Light Tactical Vehicles



PEO Command, Control, and Communications Tactical

Overview

Program Executive Office Command, Control, and Communications Tactical (PEO C3T) plays a key role in fielding digital battlefield systems and sustaining them with in-theater support. Our project and product management offices design, acquire, field, and support fully integrated and cost-effective Command, Control, Communications, Computers, Intelligence, Surveillance, and Reconnaissance (C4ISR) tools. We are working on cutting-edge projects that allow our warfighters to plan and execute fires, disseminate intelligence, plan logistics, and share battlefield information in a whiteboard-like environment. We are also working to modernize a standard family of electric power generator sets for each service within the Department of Defense as well as a common architecture for power that will allow for interoperability between the Army's various power producers and consumers. Providing our Soldiers with beyond-line-of-sight satellite communications, future on-the-move satellite communications, and a graphical representation of friendly vehicles and aircraft on satellite images are other initiatives that we are undertaking.

Success Stories

Single Interface to the Field (SIF) Web Portal Provides 24/7 Informational Awareness

The SIF Web portal provides 24/7 informational awareness to field support personnel, commanders, and Soldiers in the field. With a host of Web-based tools at the Soldier's fingertip, SIF has revolutionized the way commanders and warfighters receive information and assistance with C4ISR systems.

The portal leverages modules, applications, tools, and processes, supporting the Army Field Support



A Tactical Operations Center provides commanders at standardized and mobile posts with a tactical, fully integrated, and digitized physical infrastructure to execute battle command and achieve information dominance.

Brigade organizational construct. It provides document repositories, file transfer, and team workplaces to foster collaboration to support various missions. SIF is rapidly reaching one of its primary overarching goals — to be the single worldwide access point for users and/or the user support community to obtain C4ISR support.

SIF's Incident Reporting Module serves as the standard tool for reporting and tracking issues and trouble tickets for all C4ISR systems. It makes the Field Support Module the authoritative source for C4ISR field support personnel data, where related mission types, region locations, units supported, and contact information will be maintained. The module can also track the skill sets, training and certifications, and personnel activity of field support personnel.

Unit Set Fielding (USF) Synchronizes and Manages C4I Equipment Fielding

To meet the ever-increasing number of units requiring C4I equipment, PEO C3T implemented a USF process to synchronize and manage the fielding of these systems. Through the USF, units deploying in support of *Operation Iraqi Freedom* and *Operation Enduring Freedom*, and other missions, are fielded a C4ISR suite of systems through a managed, synchronized process. The U.S. Army and specifically, the Communications-Electronics Command Life Cycle Management Command, simultaneously provide Soldiers with the C4I equipment needed to perform their mission in combat through the phases of USF. This means providing Army Battle Command Systems, communications systems, power supply, networks, and enablers — all at the same time.

The USF, an orders-based, 5-phase process that manages the planning and implementation of fielding and reset of all major Army tactical C4ISR capabilities, supports the Army's transformation to a modular structure where smaller and lighter brigade combat teams fight non-linear missions. The USF staff, which spans numerous Army organizations, is ramped up to respond to the emerging threats our Soldiers face on a frequent basis and can support fresh quick reaction capabilities that are fielded as requirements.

The USF's substantial contributions to the overall readiness and abilities of our forces to deploy, conduct combat and combat support operations, and to redeploy have directly improved our Nation's ability to support and conduct the global war on terror. In addition to alleviating disjointed fielding actions and unprogrammed disruptions to unit training schedules, the USF team has responded to major Army-level challenges — challenges that the team could not correct directly, but instead overcame through risk management and innovative thinking to meet Soldier needs.



USF processes have enabled Soldiers to successfully deploy with an approved and fielded C4ISR suite of systems through a managed, synchronized process.

Subordinate Organizations

Project Manager Battle Command
 Project Manager Command Posts
 Project Manager Force XXI Battle Command
 Brigade and Below
 Project Manager Mobile Electric Power
 Project Manager Warfighter Information
 Network-Tactical

Product Director Counter Rocket, Artillery,
 and Mortar
 Special Projects Office — Northeast Regional
 Response Center

PEO Enterprise Information Systems

Overview

Program Executive Office Enterprise Information Systems (PEO EIS) plays a major role in the Army's technological transformation by providing enterprise information technology (IT) and communications systems to Soldiers, quickly and cost-effectively.

PEO EIS provides Joint service and Army warfighters with information dominance by developing, acquiring, integrating, deploying, and sustaining network-centric knowledge-based IT and business management systems, communications, and infrastructure solutions through leveraged commercial and enterprise capabilities that support the total Army. A leader in systems acquisition, development, and integration of products and services, our IT programs deliver state-of-the-art capabilities supporting finance, logistics, personnel, communications infrastructure, transportation, biometrics, medical, and warfighting functions.

Dedicated to supporting the Soldier, our systems provide critical logistics, biometrics, medical, and command and control communications systems in Southwest Asia (SWA). We have more than 350 employees in SWA directly supporting the myriad of deployed IT and communications systems.

Success Story

Injured Veterans Benefit from Medical Communications for Combat Casualty Care (MC4) in SWA

While providing care on the battlefield in Iraq, SSG Matthew Sims and MSG Wynton Hodges have endured their share of injuries. Sims took a 7.62mm AK47 round to the helmet, broke his neck, third cervical vertebrae, and right femur. Hodges badly fractured his ankle during a counterinsurgency mission in Baghdad. Both have visited dozens of medical treatment facilities in SWA and both have the purple hearts to prove it. They also have their battlefield medical histories digitized, safe, and secure thanks to the MC4 system, the deployed medical IT system used in the combat zone to digitally document patient care.



A Soldier uses MC4 during a casualty exercise. MC4 integrates, fields, and supports a medical information management system for Army tactical medical forces, enhancing medical situational awareness for operational commanders.

For Sims, having his medical records available to his physicians was vital in diagnosing and treating his rash of injuries and ailments. “I have been deployed to Saudi Arabia and Iraq and in a lot of cases, important medical record information does not make it back from deployment,” Sims said. “Every time you come back, you see a different doctor. Having medical records on hand electronically allows them to see what has happened, how long you’ve been treated and the course of action for continued treatment. I have a long history of kidney stones, so having my records available electronically has allowed doctors to see which treatments have been most effective.”

Hodges’ injuries were also well-documented in MC4, leading stateside doctors to accurately diagnose recurring injuries and to justify his rights to Veterans Administration medical benefits. “In theater, I received medical treatment at a combat support hospital, a Level II support battalion and a Level I battalion aid station,” Hodges said. “All of the medical care was entered into MC4 computer systems at all the different medical treatment facilities and was easily available for providers and physical therapists.”

Stateside, Hodges’ doctors found his medical history even more valuable. An underlying problem with Hodges’ leg had doctors needing additional information. “After hundreds of missions and 16 months of continuous combat operations, my memory of the facts had changed,” Hodges said. Instead of relying on Hodges’ memory, doctors were linked into the Department of Defense’s central data repository in the U.S. to which deployed patient records are transferred after being recorded in MC4 systems on the battlefield.

“All of my deployment medical records provided a clear picture of all treatments received,” Hodges said. “Doctors were able to access my past medical treatments, review all X-rays, and determine what kinds of treatment I had received. The clinical staff at Brooke Army Medical Center [Fort Sam Houston, TX] had all of the facts and not just the memories from a combat vet.”

MC4 is an invaluable tool that has moved Army medicine light years ahead with the aid of

digital records. To date, the MC4 program has fielded 25,000 systems and trained 29,000 users throughout SWA, Europe, South Korea, and Egypt. More than 250 U.S. Army, U.S. Air Force, and U.S. Navy medical forces use MC4 on the battlefield.

Subordinate Organizations

Army Enterprise Resource Planning Systems Integration Programs

- Project Manager Defense Information Management Human Resources Systems
- Project Manager General Fund Enterprise Business System
- Project Manager Global Combat Support System – Army
- Project Manager Logistics Modernization Program
- Product Manager Army Enterprise Systems Integration Program

Enterprise Technology Programs

- Project Manager Army Knowledge Online
- Project Manager Defense Communications and Army Transmission Systems
- Project Manager Network Service Center
- Project Director Information Technology Systems

Programs

- Project Manager Acquisition Domain
- Project Manager Department of Defense Biometrics
- Project Manager Logistics Information Systems
- Product Manager Transportation Information Systems
- Project Director Army Human Resource System
- Project Director Computer Hardware, Enterprise Software, and Solutions
- Project Director Force Management System
- Project Director Installation Management Systems-Army /Military Entrance Processing Command
- Project Director Reserve Component Automation System/Distributive Training Technology Project
- Product Manager Distributed Learning System
- Product Manager Joint-Automatic Identification Technology
- Product Manager Medical Communications for Combat Casualty Care



PEO Ground Combat Systems

Overview

Program Executive Officer Ground Combat Systems (PEO GCS) manages the development, systems integration, acquisition, testing, fielding, sustainment, and improvement of ground combat systems in accordance with the Army's Transformation Campaign Plan to ensure that safe, effective, suitable, and supportable capabilities are provided to the warfighter while meeting cost, schedule, and goals. We have six project managers, two of which manage joint program offices with the U.S. Marine Corps.

Our vision is to exceed the warfighter's expectations as the Army's Life-Cycle Manager for current and future ground combat systems. PEO GCS's priorities include supporting the Soldiers fighting the global war on terror (GWOT); providing modularity, RESET, and RECAP for its assigned systems; fostering spiral development and integration in the Current Force; and developing and maintaining a ground combat vehicle long-term investment strategy.

Success Stories

Mine Resistant Ambush Protected (MRAP) Vehicle Program Team Performs Herculean Efforts

The herculean efforts that have brought the MRAP vehicle program to its impressive level of success reaches beyond the U.S. Army, extending throughout the country and across the globe. The enviable accomplishments of the program can only be attributed to the loyal dedication and hard work of the MRAP team. The team includes various agencies, services, manufacturers, and thousands



The MRAP is the Soldier's first line of defense against explosive threats and has proven its capability in the field.

of other people who play a role in equipping the Soldier to fight and win the GWOT.

In a year and half, nearly 16,000 MRAP vehicles have been ordered. Of those, nearly 8,000 are in theater protecting warfighters from explosive threats. On August 1, 2008, the 10,000th vehicle was integrated at Space and Naval Warfare Systems Center. The MRAP vehicle's journey to the combat zone has numerous stops along its path, all critical to providing quality and mission-capable technology.

"The success of delivering survivable vehicles to the warfighter is a product of the ultimate team effort, with superhuman work accomplished at test centers," said the MRAP Vehicle Assistant Program Manager for Testing and Evaluation. "Our success is dependent upon them. MRAP vehicles are having a direct effect on saving lives daily in the field, and we take pride in being able to be part of the support for that effort."

Bradley Urban Survivability Kit (BUSK) Helps Save Lives and Reduce Casualties in Theater

Product Manager Bradley/M113 is continuing its intense effort to provide outstanding support for the Soldiers in Iraq by working on initiatives, such as the BUSK, which has helped save lives and reduce casualties in theater. The BUSK consists of numerous additions to the Bradley vehicle, including powerline protection, which ensures that Bradley commanders and gunners do not touch low hanging powerlines common in Iraq; a commander's spotlight, which helps the commander identify a potential threat at night and ensures the

Bradley's optics have not been damaged by rocks or debris; underbelly armor, which helps protect against threats from underneath the vehicle; and an armored commander's shield, which helps protect against 7.62mm ammunition threats, while still providing the commander 360-degree visibility and situational awareness.

Additions to this kit are already being installed in theater and will eventually be issued with the fielding of the Bradley. The Hot Box Restraint is designed to guard against stowed ammunition

The BUSK consists of powerline protection, a commander's spotlight, underbelly armor, an armored commander's shield, and sight optics protection. These upgrades have significantly improved the Soldier's capabilities on today's battlefield.



becoming secondary projectiles during an underbelly attack. The new Bradley Advanced Squad Seating reduces the impact of an improvised explosive device attack on the Soldiers' back and legs. A new Fire Suppression System will help to eliminate a catastrophic loss by placing more fire bottles in strategic locations to combat crew fires. Finally, to provide relief to Soldiers riding in the back of the Bradley, the Heat Abatement System will help to drop the ambient temperature by up to 25 degrees inside the back of the Bradley, helping to reduce Soldier heat injuries.

Subordinate Organizations

- Project Manager Heavy Brigade Combat Team
- Project Manager Joint Lightweight Howitzer
- Project Manager Modular Brigade Enhancement
- Project Manager Mine Resistant Ambush Protection
- Project Manager Stryker Brigade Combat Team
- Robotic Systems Joint Program Office



PEO Intelligence, Electronic Warfare, and Sensors

Overview

Program Executive Office Intelligence, Electronics Warfare, and Sensors (PEO IEW&S) excels at fostering an environment where Soldier needs are met now, as well as in the future. We are focused on our mission — to develop, acquire, field, and provide for life-cycle support of intelligence, electronic warfare, and target acquisition capabilities. These capabilities are essential to set the conditions for the Joint warfighter to control time, space, and the environment, greatly enhancing survivability and lethality. We operate with a continuous focus on the warfighter, providing capability in the right place, at the right time, and at the best value for our Nation.

PEO IEW&S thinks outside-the-box to provide Soldiers in the field the tools and equipment necessary to fight today's war as well as those to come. Our ability to address Soldiers' needs and then provide them with the capabilities to enhance survivability and lethality in the most effective and financially responsible manner is paramount to our success.

Success Stories

Common Missile Warning System (CMWS) Reduces Amount of Aircraft Destroyed by Man-Portable Air Defense (MANPADS)

On a mid-July 2008 morning, somewhere over Iraq, two AH-64 Attack Helicopters were on a routine over-watch mission when both helicopters' AN/AAR-57 CMWS simultaneously alerted the crews and automatically dispensed anti-missile flares. Looking back, both crews observed what was later assessed as a MANPADS missile flying between their ships in pursuit of the flares and shortly thereafter self-destructing in midair. The crews returned to identify the missile's point of origin and direct ground forces to the location. The MANPADS was defeated because of CMWS's early warning capability.



In an effort to combat radio-controlled IEDs (RCIED), deployed Soldiers now have Counter RCIED Electronic Warfare (CREW) systems to dominate the terrain and provide electronic protection.

After a rash of successful MANPADS attacks early in *Operation Enduring Freedom (OEF)* and *Operation Iraqi Freedom (OIF)*, PEO IEW&S fielded CMWS in 2004/2005. And, almost immediately, the loss of aircraft to MANPADS was reduced. Subsequently, as the entire aviation force was rapidly equipped with CMWS, the enemy quickly learned that their missiles were no longer effective against this new Aircraft Survivability Equipment. Today, very few shots are even tried.

Product Manager Counter Radio Controlled Improvised Explosive Devices Electronic Warfare (PM CREW) Devices Counter Improvised Explosive Device (IED) Attacks

PM CREW devices, including Duke, are part of an intricate array of force protection systems employed to counter IEDs. In *OIF*, the 3rd Brigade Combat Team (BCT), 4th Infantry Division (Mechanized) "Iron Brigade", as part of the larger Task Force Band of Brothers, provides training to Iraqi security forces and continues to root out the anti-Iraqi forces that inhabit the Diyala Province region. IED encounters occur on a daily basis, but with Duke installed in their vehicles, the BCT's confidence and safety remain high. Within a platoon, Duke provides an area of protection around vehicles to negate radio-controlled initiation of roadside bombs, which are often buried or hidden and not discernable to the naked eye.

There are numerous reports of instances where IEDs exploded harmlessly out of range, not too long after a Duke-equipped convoy left the area. Recently, an incident occurred where an Explosive

Ordnance Disposal (EOD) team was called in to diffuse a radio-controlled IED discovered on the side of the road. Security was provided while the EOD unit diffused the roadside bomb. A sweep for secondary IEDs resulted in another find also cleared by EOD. Duke provided the protection

necessary for the EOD team to safely complete their mission.

Since 2005, this Army system has been a major contributor to the dramatic reduction in casualties from radio-controlled IEDs in both *OIF* and *OEF* since their inception.

Subordinate Organizations

Project Manager Aerial Common Sensor

- Product Manager Aerial Common Sensor – Integration
- Product Manager Task Force Observe, Detect, Identify, and Neutralize

Project Manager Distributed Common Ground System – Army

- Product Manager Fixed and Mobile
- Product Manager Fusion and Software Applications
- Product Manager Intelligence Fusion

Project Manager Navigation Systems

- Product Manager Global Positioning System
- Product Manager Target Identification and Meteorological Systems

Project Manager Night Vision/Reconnaissance, Surveillance, and Target Acquisition

- Product Manager Forward Looking Infrared Radar
- Product Manager Radars
- Product Manager Robotics and Unmanned Sensors
- Product Director Rapid Aerostat Initial Deployment

Project Director Aircraft Survivability Equipment

- Product Manager Infrared Countermeasure

Project Director Army Space Program Office/ Tactical Exploitation of National Capabilities

- Product Director CI/HUMINT Automated Reporting and Collection System
- Product Director Combat Terrain Information Systems

Project Director Signals Warfare

- Product Manager Counter RCIED Electronic Warfare
- Product Manager Information Warfare
- Product Manager Prophet

Product Manager Future Combat Systems (Brigade Combat Team) Intelligence, Surveillance, and Reconnaissance



PEO Missiles and Space

Overview

Program Executive Office Missiles and Space (PEO MS) provides centralized management for all Army tactical and air defense missile programs and selected Army space programs. We are responsible for the full life-cycle management of assigned programs, which span the full spectrum of the acquisition process, from system development to production, fielding, sustainment, and retirement from the force. In addition to specific acquisition programs, we are applying a system-of-systems acquisition approach to meet warfighter needs and obtain the desired capabilities of the network-enabled Future Force.

We are continuing to provide world-class weapons to our warfighters for today's battles, while developing new systems for the battles of the future. As we develop future systems, the efforts to support the current fight with upgrades to existing systems remain a top priority, including modifying the Hellfire missile to increase its effectiveness against personnel and soft targets by adding a fragmentation sleeve; upgrading the Multiple Launch Rocket System rocket to a highly accurate guided system with a unitary warhead; and adapting the Brilliant Anti-Tank submunition from the Army Tactical Missile System missile to a laser-guided version for use on unmanned aerial vehicles.

Success Stories

Powerful Guided Multiple Launch Rocket System (GMLRS) Defeats Enemy with Limited Damage

As the war in Iraq has progressed, the insurgents have learned the value of hiding and fighting in urban areas. They know it is more difficult for us to identify them, and that once they are identified,

we cannot use many of our most effective standoff weapons to defeat them without causing casualties among noncombatants and unacceptable destruction of property. This created an urgent requirement for a weapon that can be deployed from long range, with pinpoint accuracy and enough power to defeat the enemy but limit damage to the immediate vicinity of the strike. The solution to this challenge is the GMLRS Unitary.

The GMLRS Unitary is an unqualified success. With its 200-pound class high-explosive warhead, extreme accuracy, and long-range (70 kilometers +) capability, it has proven to be an ideal weapon to support warfighters in urban environments. It has the capability to strike a single building in a complex urban environment and destroy the threat without causing significant damage to surrounding buildings.

The missile is now in full-rate production and fielded to units in theater. It is being used on a daily basis, keeping warfighters out of harm's way, while bringing death and destruction down on the enemy.

Hellfire Missile Variant Meets Urgent Warfighter Requirement

The Joint Attack Munition Systems Project Office received an urgent warfighter requirement to provide a variant of the Hellfire missile that had improved lethality against personnel and light vehicle targets, which are a major threat in current operations. The Hellfire missile was originally developed to defeat heavy armor and did not have the optimum warhead for the lighter threats. In response to this urgent need, Team Redstone determined that the desired effects could be obtained by developing a fragmentation sleeve to fit

around the current Hellfire missile to provide the desired lethality. Within 4 months of receiving the urgent need, the sleeve was designed, fabricated, tested, and fielded, dramatically improving Hellfire's effectiveness against personnel and soft targets.

The new variant, known as the K2A, was first employed off of the Predator Unmanned Aerial Vehicle. It was then issued to Army aviation units

for use on AH-64 and OH-58D aircraft. The proven lethality, precision strike capability, reliability, and long standoff have made the K2A the weapon of choice for engagement of personnel in open, light armor, and non-traditional targets. More than 1,100 Hellfire missiles have been converted to the K2A variant and the rate of production is increasing to meet the ever-growing demands of the user.

The newest addition to the Hellfire family of missiles is the K2A, used to engage personnel and soft targets. Traditional Hellfire missiles are used to engage and defeat individual moving or stationary advanced-armor, mechanized or vehicular targets and patrol craft, buildings or bunkers while increasing aircraft survivability.



The GMLRS provides today's high-tech warfighters responsive, long-range, precision fires against area and point targets in open, complex, and urban terrain environments with effects matched to the target and rules of engagement.

Subordinate Organizations

Close Combat Weapon Systems Project Office
Cruise Missile Defense Systems Project Office
Integrated Air & Missile Defense Project Office
Joint Attack Munition Systems Project Office
Lower Tier Project Office
Non-Line-of-Sight – Launch System Project Office

Precision Fires Rocket & Missile Systems Project Office
Responsive Space Operations Project Office (Provisional)
Missile Defense Strategic Capabilities Project Office (Provisional)



PEO Simulation, Training, and Instrumentation

Overview

Program Executive Office Simulation, Training, and Instrumentation (PEO STRI) provides responsive interoperable simulation, training, and testing solutions for our Soldiers and our Nation. We offer life-cycle support for the Army's most advanced training systems around the world, and recently became an acquisition authority for the Army's system and non-system training devices, housing an Army Acquisition Center of Excellence, and forging strong Joint partnerships to better contribute to warfighter readiness.

Nearly all Soldiers deployed to a theater of combat operations have trained on a PEO STRI-derived device. Some of these training aids and simulations include the Training Improvised Explosive Device, Call for Fire Trainer, and Medical Simulation Training Centers (MSTC).

Soldiers around the globe are being positively impacted by our recent undertakings. In collaboration with many other Army components, we rapidly produced and fielded the High Mobility Multipurpose Wheeled Vehicle (HMMWV) Egress Assistance Trainer (HEAT) in response to the dangers warfighters were facing in the contemporary operating environment.

Success Stories

Simulated HMMWV Rotates to Train Proper Vehicle Egression Techniques

In response to an operational needs statement from the U.S. Army Forces Command, PEO STRI rapidly produced the HEAT, a training device that provides Soldiers with the ability to conduct realistic and relevant training related to the M114 uparmored HMMWV.

HEAT is capable of rotating and stopping in various positions, making it the only Army training device that allows Soldiers to practice a variety of egress techniques at different angles. It provides Soldiers with the familiarity of how it feels when a vehicle is on the verge of rolling over and what precautions to take to brace their bodies. Furthermore, it instructs them on what to do once the HMMWV has rolled — how to properly egress and help other Soldiers, especially the injured, get out as well.



Today's high technology affords Soldiers the opportunity to train in life-like situations through simulators that ready them for the battlefield.

If a gunner is in the hatch, Soldiers are responsible for pulling him or her back into the HMMWV when the rollover is about to occur. Since the gunner is in the most vulnerable position in the vehicle, the gunner's cage allows him or her to be trained to respond effectively. External door locks allow the instructor to simulate obstructed doors, which cause trainees to think about actions to take if they face a blocked door in an actual rollover. As soon as an exit is identified, the Soldiers are instructed to yell: "Right rear door open!" Each Soldier exits the HMMWV, establishes security, and administers first aid if needed.

HEAT is produced and fielded by PEO STRI. To date, 53 systems have been fielded to stateside and worldwide locations, and thousands of Soldiers have trained on the system.

Medical Simulations Prepare Warfighters to Rescue Comrades in the Combat Zone

The MSTC, the U.S. Army's standardized medical training program, has reduced the died-of-wounds rate on the battlefield by providing Soldiers with the skills to save wounded warfighters in combat. The capability has trained more than 78,000 Soldiers since its inception in 2006.

Through MSTC, Soldiers learn how to treat the three most preventable combat deaths: a collapsed lung, a blocked airway, and blood loss. Students also practice inserting catheters, applying splints, treating chest wounds, and inserting IVs. Prior to the simulated training, Soldiers are provided classroom-based instruction on how to apply medical

treatment in a high-stress combat environment. After the students complete their coursework, their knowledge is validated on this simulated battlefield.

A large number of Soldiers undergo this training before they deploy to Iraq or Afghanistan. A combat arms warfighter is usually the first responder, so it is very important for non-medical Soldiers to learn these life-saving methods. Warfighters who have trained on the human-

patient simulators said they feel they are learning critical skills that will increase survivability on the battlefield.

PEO STRI has fielded 15 of the 18 MSTCs to locations worldwide; the remaining three will be fielded by the end of the 2008. Eighteen additional sites are expected to receive MSTCs over the next several years.

Soldiers practice combat casualty care in a medical simulation that has been used on more than 78,000 Soldiers since 2006. This training has greatly decreased the loss of life due to battle wounds to warfighters on the battlefield.



Subordinate Organizations

Project Manager Combined Arms Tactical Trainers
 Project Manager Constructive Simulation
 Program Manager Field Operations
 Project Manager Future Force (Simulation)
 Project Manager Instrumentation, Targets, and Threat Simulators
 Project Manager Training Devices



PEO Soldier

Overview

Program Executive Office (PEO) Soldier develops, acquires, and fields the best equipment to support every U.S. Army Soldier so that they have the highest level of protection, preparation, and power as they face increasingly hostile adversaries.

We believe that treating Soldiers as systems increases their effectiveness. We consider how each item of clothing or piece of equipment works with every other piece — an approach that has led to numerous improvements to Soldier equipment. Formerly, Soldiers were equipped with one piece of gear at a time, with little thought given to how the equipment worked together or, conversely, did not. This piecemeal approach to equipping Soldiers gave them a heavier combat load and created inefficiencies on the battlefield. By using the Soldier-as-a-System concept, PEO Soldier has eliminated redundancies in equipment and improved the protection, effectiveness, and comfort of our Soldiers.

As the demands of war change and new technologies evolve, PEO Soldier stands ready to equip Soldiers with the best gear, in the shortest time, wherever our global interests dictate.

Success Stories

Flame-Resistant (FR) Uniforms Are Saving Lives

In response to an increased risk of burn-related injuries during the continuing global war on terror, PEO Soldier has accelerated research, development, and deployment of FR uniform technologies. These new pieces of protective gear also address Soldier-identified issues of increased heat stress in desert combat environments by incorporating moisture-wicking technology into the threads of the garments.

One Soldier who can attest to the benefits of FR uniforms is 1st Sgt. Norman Sather, of the 4th Battalion, 9th Infantry Regiment, based at Fort Lewis, WA. While driving through a well-known hot spot for improvised explosive devices in September 2007, Sather's Stryker vehicle was involved in a blast. Fortunately, he and his gunner and driver were wearing their FR Army Combat Uniforms, which they had just been issued. "The truck was on fire," Sather said, "and the flame was on us, but it never burned through the material — not even a burn hole. We got small heat burns on our legs, which was like very minor sunburn."

Realizing the far-reaching benefits of such technology, PEO Soldier has expedited the development and delivery of several new pieces of FR equipment, including the Army Combat Shirt and flame-resistant gloves that meet the highest level of Army standards.



Soldiers have the latest in protective gear to shield them from the enemy. The Interceptor Body Armor protects individual Soldiers from ballistic and fragmentation threats in a lightweight, modular body armor package.

New M110 Semi-Automatic Sniper System (SASS) is Making its Mark

When the SASS was introduced last year, it had been almost 20 years since U.S. Army snipers had received a new weapons system. The wait was well worth it.

The 7.62mm SASS meets the needs of snipers in theater in Iraq and Afghanistan, who are faced with more target-rich environments than the Army had experienced in previous engagements. The SASS replaces the M24 Sniper Weapon System, a bolt action rifle that had to be charged after each round. The SASS is more versatile than the M24, offering magazines in multiple sizes, an adjustable forward bipod and buttstock, and a 3.5-10x variable scope. The accessories allow the individual Soldier to configure his sniper rifle to meet the need of the mission. The SASS is also the first Army-issue weapon system to come with an integral suppressor, which reduces the visible and audible footprint of the sniper when rounds are fired.

The Army began fielding the sniper system in April 2007 to Soldiers in Afghanistan, and the results have

been almost universally positive. "We routinely engage enemy personnel at distances greater than 1,000 meters," stated one scout sniper currently in theater. With such positive results in little more than a year of service, it is no wonder the M110 was recognized as one of the Army's top 10 inventions for 2007.



Warfighters provide unprecedented tactical awareness and significant improvements in lethality, survivability, mobility, and sustainment to dismounted Soldiers and units engaged in the close fight.

Subordinate Organizations

Project Manager Soldier Equipment

- Product Manager Clothing and Individual Equipment
- Product Manager Soldier Sensors and Lasers
- Product Manager Soldier Survivability

Project Manager Soldier Warrior

- Product Manager Air Soldier
- Product Manager Ground Soldier
- Product Director Mounted Soldier

Project Manager Soldier Weapons

- Product Manager Crew Served Weapons
- Product Manager Individual Weapons

Soldier-as-a-System Unit Set Fielding



U.S. Army Acquisition Support Center

Overview

The U.S. Army Acquisition Support Center (USAASC) is a Direct Reporting Unit to the Assistant Secretary of the Army for Acquisition, Logistics, and Technology (ASA(ALT)). We support the Army's acquisition mission through superior personnel development systems and management support capabilities, enabling the most effective equipping of the Nation's forces while maintaining an internal culture of constant organizational improvement. We focus on institutional management of the U.S. Army Acquisition Corps (AAC) and the Army Acquisition, Logistics, and Technology (AL&T) Workforce, comprised of more than 40,000 military and civilian personnel.

We strive to provide seamless support to the Army acquisition community through superior leadership, professionalism, quality, competence, and commitment. We provide customer service and support to ASA(ALT)'s Program Executive Offices (PEOs), Acquisition Commands, Direct Reporting Program Managers, and the AL&T Workforce in the areas of resource management (manpower and budget), human resources management, acquisition career development, regional outreach, program structure, strategic planning and analysis, and strategic communications.

Success Story

Strengthening the AL&T Workforce

The Honorable John J. Young Jr., Under Secretary of Defense for Acquisition, Technology, and Logistics, has set a goal for the Department of Defense (DOD) acquisition workforce to become a “high-performing, agile, and ethical workforce.” USAASC’s intent is to meet or exceed this expectation for our own Army AL&T Workforce. The Army Acquisition Human Capital Strategic Plan (HCSP) was published to provide the direction to transform the Army AL&T community into a more diverse and versatile workforce, better postured to support the Army’s mission. It also establishes a forecasting framework to assess the “health” of Army acquisition and provides important human capital insights to our acquisition leaders and augments the annual DOD HCSP.

USAASC is aligning and integrating our goals with the DOD human capital initiatives with our HCSP by creating a more flexible acquisition professional through programs including the Competitive Development Group/Army Acquisition Fellowship, Naval Post Graduate School, Senior Leadership Development Program, and Senior Service College.



USAASC is dedicated to ensuring that the AL&T Workforce is trained and ready to support our Soldiers.

These programs grow leaders with a broader perspective by providing diverse experiences and advanced leader development training.

USAASC’s objective to maximize Army acquisition automation tools to enhance career planning and development has resulted in some hard-hitting innovations to streamline our career management process. Through these tools, USAASC works to ensure that every AL&T Workforce member is fully empowered to provide the best acquisition, technology, contracting, and logistics and sustainment capabilities to the combatant commanders and their Soldiers who depend so heavily on us for support.

The Career Acquisition Management Portal (CAMP), simplifies acquisition career management tools by implementing a single point of entry for Army acquisition personnel. The Career Acquisition Personnel & Position Management Information System (CAPPMIS) automates the Acquisition Career Record Brief edit capability and features virtual *Defense Acquisition Workforce Improvement Act (DAWIA)* certification. CAPPMIS houses the software applications used for Army Acquisition Career Management. It features the Acquisition Career Record Brief, Individual Development Plan, Army Acquisition Professional Development System, and Senior Rater Potential Evaluation. This suite of tools is designed for the workforce member, Acquisition Career Managers (ACM) and USAASC to manage the personnel and positions of the acquisition and technology workforce.

The Certification Management System (CMS), also found in CAMP, is the virtual application, review, and approval portal for processing the Army’s *DAWIA* certification requests. Through CMS, AAC

members are able to apply for certification for all acquisition position levels within all acquisition career management fields, and ACMs are able to review and certify packages from all over the world. USAASC is targeting promotion of professional development for military and civilian personnel by matching the workforce to the Army’s needs by creating a Supervisor Outreach Program to assist acquisition supervisors in guiding the professional development of their people. USAASC is also constantly communicating our message to the AL&T Workforce through *Army AL&T Magazine*, *Army AL&T Online*, *USAASC Newsletter*, and the USAASC Web site.

USAASC actively recruits, trains, and educates members for the Army’s military occupational specialty, Career Management Field 51C AL&T Contracting Noncommissioned Officer (NCO). USAASC is the proponent for MOS 51C and is responsible for the life-cycle management process of the Army’s Contracting NCO Corps. The AL&T Contracting NCO vision is to establish “a multifaceted NCO Corps that is adaptive, innovative, disciplined, and trained — NCOs that maintain warrior ethos while executing contractual

actions in support of the Soldier.” AL&T Contracting NCOs perform their contingency contracting mission while assigned to modular contracting units, including contracting support brigades, contingency contracting battalions, senior contingency contracting teams, and contingency contracting teams.



One of USAASC’s initiatives is to provide Major Command-level support to PEOs in the areas of resource management, human resource management, and force structure.

Subordinate Divisions

- Acquisition Career Development
- Human Resources Management
- Program Structures
- Regions – Eastern and Western
- Resource Management
- Strategic Communications
- Strategic Planning and Analysis

Program Manager Future Combat Systems:	https://www.fcs.army.mil
JPEO Chemical and Biological Defense:	http://www.jpeocbd.osd.mil
PEO Ammunition:	www.pica.army.mil/peoammo
PEO Aviation:	https://www.peoavn.army.mil
PEO Combat Support and Combat Service Support:	http://peocscss.tacom.army.mil
PEO Command, Control, and Communications Tactical:	http://peoc3t.monmouth.army.mil
PEO Enterprise Information Systems:	www.eis.army.mil
PEO Ground Combat Systems:	www.peogcs.army.mil
PEO Intelligence, Electronic Warfare, and Sensors:	https://peoiews.monmouth.army.mil
PEO Missiles and Space:	www.msl.army.mil
PEO Simulation, Training, and Instrumentation:	www.peostri.army.mil
PEO Soldier:	http://peosoldier.army.mil
U.S. Army Acquisition Support Center:	http://asc.army.mil
U.S. Army Chemical Materials Agency:	http://www.cma.army.mil
Medical Research and Materiel Command:	https://mrmc-www.army.mil

