

# Enterprise Insights

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## PD ES Corner *Identify, Assess and Transform*

Jeremy Hiers, Project Director, Enterprise Services

As the largest organization in the world, with nearly 1.4M people in nearly 150 countries, the Army faces a unique and challenging information technology (IT) environment. Technology is rapidly transforming at a pace that far exceeds an organization's ability to adapt to the changes.

Although, this seems like a recipe for a "cat chasing the laser pointer" scenario, we must stay focused on the end goal - as the Department of the Army's Chief Information Officer (CIO/G6) LTG Ferrell stated during the March AFCEA NOVA Army IT Day, "Increase operational effectiveness, improve security, and be efficient. We can't afford not to!"

The IT modernization effort is a continuous and cyclical process that requires the Army to:

1. Identify current capabilities - both shortcomings and strengths
2. Assess industry trends, organizational effectiveness, and new technology advancements
3. Transform based on the best recommendations and practices

Project Director, Enterprise Services (PD ES), with its partners, plays a vital role in this effort by leading the implementation of cloud and enterprise services to provide capacity, enable rapid deployment of cutting edge technologies, and enhance the efficient use of resources. Leveraging the breadth of PD ES – whether it be Product Director (PD) Acquisition, Logistics and Technology Enterprise Systems and

Services' cutting-edge technology that has informed the target architectures and models for enduring data centers; PD Enterprise Computing's acquisition support to the Army Data Center Consolidation

Plan effort that will define the future requirements for an effective data management infrastructure; or PD Enterprise Content Collaboration and Messaging's strategic acquisition of enterprise services – we are applying a holistic and multi-layered approach to technology modernization to gain efficiencies and enable a Joint Information Environment and Army 2025.

We are working very closely with the Department of Defense (DoD) and industry partners to develop shared approaches for implementing and maintaining agile, cutting-edge, cost-effective, and secure mission essential enterprise service for Soldiers on any trusted device, anywhere, anytime.

I am very optimistic about the future of the Army's migration to enterprise services and the enthusiasm we have shown so far. We approach each challenge with enthusiasm and will continue to be a driving force for the Army and the larger DoD.



Mr. Jeremy Hiers



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# Army Data Center Consolidation Plan Discovery Team Moves Closer to Task Completion

Product Director, Enterprise Computing

The Army Data Center Consolidation Plan (ADCCP) Discovery Team – tasked with visiting and evaluating the data centers of nine installations over the course of fiscal year 2014 (FY14) – is on target, on budget, and close to completion. The end result being the delivery of 10 reports from discovery events at nine installations across the country that will include technical assessments, capabilities analysis, and recommendations for the Department of the Army’s Office of the Chief Information Officer (CIO/G6) to consider for data center consolidation efforts.

The Discovery Team has kicked off efforts at all nine installations and conducted onsite visits at eight since the start of FY14. During its recent visits at several installations in California, the team visited four reported data centers and 15 unreported data centers.

“Unreported data centers are anticipated,” said Product Director for Enterprise Computing (PD EC) Mr. Archie Mackie, Jr. “As the discovery events take place, we’re finding that some of the data centers were created with a single mission, installation, or office in mind; not looking at how we [as the Army] provide those services in an integrated way. Visiting both the reported and unreported data centers during onsite visits provides a clear picture of the size and scope of the Army’s physical information technology (IT) infrastructure.”

In keeping with the Department of Defense (DoD) and Office of Management and Budget directives to reduce the physical IT infrastructure, the Army plans to eliminate 60 percent of its data centers by the end of 2018.

Where possible, individual data center capacity will be replaced by a unified, cloud-computing, operational model that will provide enterprise hosting as a managed service. The Army will move applications into designated core data centers as much as possible; leverage commercial infrastructure; and, as a last resort, use current Army-owned data centers.

“ADCCP is expected to decrease points of presence on the Army’s network, improve energy efficiency, improve security of Army information, and simplify data management,” said Mr. Mackie.

In April 2012, CIO/G6 requested Program Executive Office Enterprise Information Systems to support ADCCP. PD EC was tasked with carrying out the discovery portion of the Plan for FY14 and scheduled discovery events at nine installations previously identified by CIO/G6: Camp Roberts, Fort Campbell, Fort Dix, Fort Hamilton, Fort Hunter-Liggett, the Pentagon, Presidio of Monterey, Redstone Arsenal, and White Sands Missile Range.

“The function of the ADCCP Discovery Team is to provide an objective, technical assessment of data centers at each installation,” said PD EC’s ADCCP Project Officer Ms. Johanna Curry. “We’re making recommendations through our reports but we want them to be actionable products - reports that provide steps on how to leverage new technology across the Army. The entire Army has a mandate. ADCCP has a portion.”

Early engagement with stakeholders



An ADCCP Discovery Team conducts an onsite visit at one of nine installations to provide an objective, technical assessment.

from the installation as well as major commands supporting ADCCP is essential in successfully completing discovery visits. PD EC works with commands like 7th Signal Command, Network Enterprise Technology Command (NETCOM), Army Materiel Command (AMC), and others to ensure information is shared across the board. The end result is a report with a supporting set of data that enables smart planning with clear objectives and achievable goals.

Two teams of up to six staffers travel and work to meet with data center proponents and managers. The teams kick off their visits with an explanation of ADCCP, introduction to their goals and the role of everyone involved, and then, reviews the information it already has on the installation’s data centers before asking questions.

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# Army Knowledge Online 2.0

Product Director, Enterprise Content Collaboration and Messaging

Leveraging the Army's ongoing network modernization effort, Project Director, Enterprise Services (PD ES) - through Product Director, Enterprise Content Collaboration and Messaging - is charged with leading the acquisition and implementation of the next-generation enterprise services (data, voice and video) that every Soldier needs in order to act decisively and effectively. This effort is collectively known as Army Knowledge Online (AKO) 2.0 and will focus on modernizing the current AKO services.

With a focus on full lifecycle technology modernization, PD ES must:

- Sustain legacy services that Soldiers, civilians, and contractors rely upon to complete their missions
- Acquire and deploy a set of interoperable state-of-the-art enterprise services- and transition current users

To support this technology modernization, the Army is thoughtfully replacing legacy AKO services with more secure, flexible, scalable, and efficient enterprise services that will facilitate improved

communications, not only within the Army, but in many cases across the Department of Defense (DoD).

AKO 2.0 will support a unified network that:

- Increases capacity and uniform accessibility
- Leverages enterprise services to simplify and extend access to data, applications, collaboration tools, communications, and enterprise capabilities
- Enhances operational performance and security
- Standardizes technologies to enhance integration and reliability
- Identifies and exploits cost efficiencies

The first significant milestone in the transition was the migration of 1.6 million Army users from approximately 40 legacy email systems to the Defense Information Systems Agency's (DISA) Defense Enterprise Email (DEE) service. Email user accounts, services, and associated mobile solutions are now centralized into a single, managed DoD cloud service that significantly improves Soldier communication and collaboration and enhances operations, security, and mission effectiveness. DEE saved the Army \$76 million in fiscal year 2013 and is projected to save \$380

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million through 2017.

In February, the Army – in partnership with DISA and the Air Force- released a request for information that will aid in the development of a Unified Capabilities (UC) architecture that enables AKO 2.0 enterprise services. The UC services will be rolled out incrementally to ensure a smooth transition of services and minimize user impact.

As next-generation services are established over several years, communication with all stakeholders will ensure awareness and understanding.

The Army will continue to face significant fiscal constraints and an information technology environment that is rapidly transforming, unpredictable, unconventional, and unceasing. In order to succeed, the Army must maximize the effectiveness, flexibility, security, and scalability of the technology that underpins the enterprise services needed to operate a large and geographically dispersed organization.

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## ADCCP Discovery Moves Closer to Task Completion (Continued)

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“The work to consolidate is already underway and is happening at the local level,” said Ms. Curry. “We’re validating technical information. If someone is offering a service that provides value either within or across installation boundaries, we’re also looking into how that service can be shared across the Army rather than only at that particular installation.”

“The ADCCP Discovery Team has a challenging task. I’m proud of the work the team has done so far in meeting with data center proponents and managers, gaining their cooperation and consensus, and looking for the best possible options for the Army. Discovery is just the beginning. We still have a lot of work ahead of us in order to bring new technology to the Army as a whole and consolidate its sprawling

physical infrastructure,” said Mr. Mackie.

By September 2014, ADCCP plans to provide solid recommendations to CIO/G6 based on its discovery visits that support an enhanced ability to leverage new technology across the Army.

*For more information on ADCCP, please visit <http://ciog6.army.mil>.*



# SOLDIER FOR LIFE



"The willingness with which our young people are likely to serve in any war, no matter how justified, shall be directly proportional to how they perceive the Veterans of earlier wars were treated and appreciated by their nation."  
—General George Washington,  
November 10th, 1781



## Soldier for Life Website Launches

Product Director, Enterprise Content Collaboration and Messaging

In quick response to a request from the Department of the Army Office of the Chief Information Officer (CIO/G6) and Deputy Chief of Staff- G1 to create and build a website for current, future, and retired Soldiers as well as family members, Army Knowledge Online's (AKO) Web Hosting and Content teams worked closely with Soldier for Life (SFL) to develop and implement a web site that connects the community to Army and Department of Defense resources.

The SFL site officially launched on May 1, as a single point of entry for Army retirees, family members, and current or future Soldiers to vital information throughout the entire Soldier lifecycle – from web sites and resources they need to become Soldiers, develop and maintain strong Army careers, as well as transition to civilian life while staying connected to the Army. The site also incorporates the Retirement Services Office (RSO) web pages which serve as the Army's primary retirement-related communications with

Soldiers, retired Soldiers, and surviving spouses.

The Product Director for Enterprise Content Collaboration and Messaging (PD EC2M), an organization within Project Director for Enterprise Services and the senior office to AKO, currently hosts the Army Home Page ([www.army.mil](http://www.army.mil)) and had the security requirements and expertise in place to support G1 in creating and developing the layout for the site. The AKO Content Team collaborated with SFL and RSO to link to sites that retirees, family members, and future Soldiers can use to stay connected to the Army.

With limited resources PD EC2M's AKO Team took the lead and reached out to G1 to develop the requirements. Given the team's expertise in web design, they created a story board session with the RSO, quickly put together design boards, and guided the G1 office in making appropriate content decisions to make the SFL designs look like a real web site. To expedite the delivery of the SFL web

site, the team created a change process to gain approval of designs from G1, while coding the site at the same time. This process enabled the team to deliver a highly professional product.

While supporting G1 and G6 with technical expertise in developing the site, Mr. Sergio Alvarez, deputy product director of PD EC2M, briefed senior officials in both offices on the site's strategic development, ultimately gaining their buy-in to implement the site in two phases. The first phase was completed in 30 days.

"The leadership is proud of the collaborative efforts made to bring the SFL site to fruition and is excited about the future of providing top notch communication between the Army and those who serve", said Mr. Alvarez.

The team continues to work together on refining the site and its content.

*The Soldier for Life page can be accessed via: [www.soldierforlife.army.mil](http://www.soldierforlife.army.mil)*