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OCTOBER 2015

# COMMUNICATOR



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10

# BAT-A: A CRITICAL ENABLER IN FORCE PROTECTION

By MAJ Joseph Miozzi, Assistant Product Manager, BAT-A

The Biometrics Automated Toolset – Army (BAT-A) is vital to promoting the safety and security of Soldiers worldwide. BAT-A was first introduced in 2001 as an advanced concept technology demonstration and **adopted by the Army in 2004 as a quick reaction capability. It was designated as an Acquisition Category III program of record on July 30 by the Army Acquisition Executive.** It will be the first product in DOD Biometrics to be placed in sustainment.

BAT-A gives Soldiers the ability to capture personal identifiable information (PII) such as iris scans, fingerprints and face and voice biometrics from unknown individuals. The data is enrolled into a database, which quickly identifies an individual as friendly, unknown or a person of interest on the watch list of known or suspected terrorists.

By providing forward and remote units with an identity dominance force multiplier such as the BAT-A, Soldier security has exponentially increased. In fact, the benefits of the BAT-A can already be seen. As a result of BAT-A deployment:

- over 92,000 individuals have been denied base access because their PII flags them for further screening
- high value targets have been identified and detained at points of entry
- more than 24 percent of individuals vetted to hold high-level positions in government and law enforcement have been identified as potential threats
- more than 1,700 high value targets have been confirmed captured or killed using the system
- positive matches on fingerprints have been found at raids and improvised explosive device locations

Multiple organizations continue to work toward the **seamless transition to sustainment of the BAT-A while maintaining the operational capability** that is currently being used in over 14 countries. BAT-A supports Soldiers in missions such as base and checkpoint security, border control and points of entry, vetting for positions of trust, detainee operations, sensitive site exploitation, special operations, lethal and non-lethal targeting, security cooperation activities and homeland defense.

By maintaining the BAT-A capability well into the future, the Army has taken the steps to continue protecting service members deployed overseas.



# WEST POINT:

## IT MODERNIZATION OF THE CAMPUS AREA NETWORK

By Ms. Joanna Hays, I3MP Integrated Project Team leader

The Installation Information Infrastructure Management Program (I3MP), assistant product manager team **successfully completed its final delivery of a modernized IT infrastructure at the United States Military Academy at West Point, New York on July 31**. The project upgraded the academy's network to enable 10Gbps unified capabilities (UC) to the installation, affording cadets a faster and more reliable internet experience.

The **\$13.2 million modernization project provides service to more than 25,000 users** including 5,000 cadets; upgrades 140 buildings with nearly 400 telecommunications rooms and adds two wireless radio towers. It also provides seamless integration of voice and data, an inside/outside cable plant and services into a single integrated communications system.



*U.S. Army Signal Network Enterprise Center Director Mr. Paul Scullion (left) and I3MP Product Director, LTC Gus Muller (right) celebrates the completion of the West Point Network Infrastructure modernization.*

Additionally, the team installed approximately 9,000 feet of new underground duct banks, 160,000 feet of single mode fiber and a 15-kilometer encrypted wireless bridge link.

The modernization project also upgraded existing voice systems to deliver UC-compliant voice over internet protocol services to more than 15,000 users throughout the West Point community.

The project's success is due to the great partnership between **Army Contracting Command – Rock Island, the Army Information Systems Engineering Command, the Network Enterprise Center – West Point** and industry partners. I3MP concluded the project with a final quarterly project status review and cake cutting and recognition ceremony.

# LMP: CREATING AN ERP DATA ENCLAVE AT DISA

By Ms. Christine McMahon, LMP Communications

In July 2013, the DOD directed service components to migrate enterprise application and services from local data centers to designated core data centers at the Defense Information Systems Agency (DISA) by the end of fiscal year 2018. The initiative is intended to **ensure data is hosted in modern, standardized and centralized environments** consistent with DOD guidance, which will improve security, enhance performance and enable cost control.

Under PEO EIS and Army Enterprise Systems Integration Program leadership, the Logistics Modernization Program (LMP) and other Army enterprise resource planning (ERP) systems are designing and implementing their migration strategies and plans. LMP specifically is working to migrate their secondary data center, which contains multiple environments including the continuity of operations, to DISA in October 2016, followed by their primary data center in November 2016.

For the DOD, **this initiative is essential to finding efficiencies and reducing costs** for hosting and managing applications. For the Army, this is a coordinated milestone effort to establish an enterprise systems enclave at DISA, where the ERPs will operate and execute cross-functional missions worldwide.

## OCTOBER 2015

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## EVENTS

**7 OCTOBER**  
PM Collaboration Meeting, PEO EIS

**12 OCTOBER**  
Columbus Day

**12-14 OCTOBER**  
AUSA Annual Meeting and Exposition,  
Washington Convention Center

**14 OCTOBER**  
AFCEA NOVA Cross Service Small Business Forum,  
Sheraton Tysons Hotel

**20 OCTOBER**  
Federal IT Acquisition Summit, Washington Hilton Hotel

**27 OCTOBER**  
PEO EIS Town Hall

**27 OCTOBER**  
AFCEA Belvoir ITES-3S Small Business Event,  
Fort Belvoir Officers Club

# SENIOR EIS LEADERS CONVENE CROSS-SERVICE SUMMIT

By Mr. Jon Walman, PEO EIS Communications

Photo by Mr. Jon Walman

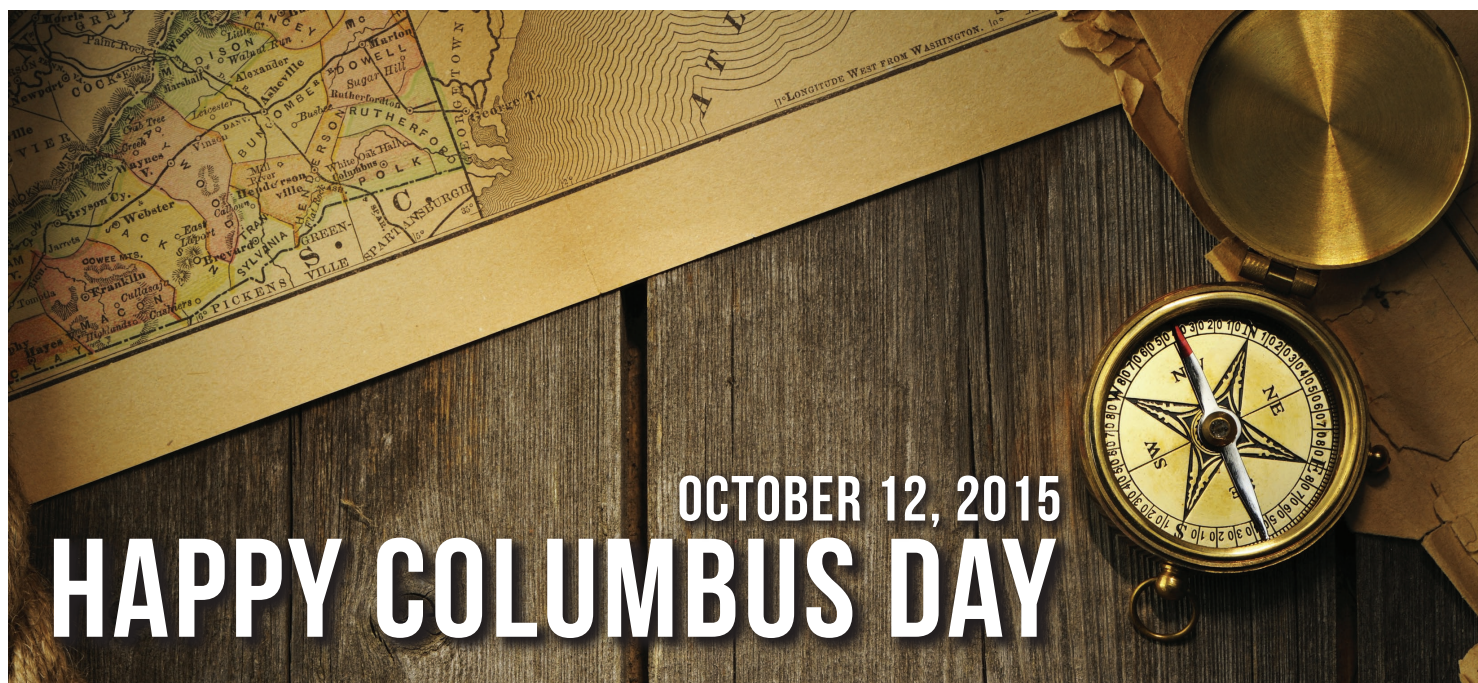
On Aug. 4, dozens of senior defense leaders gathered at the Army's PEO EIS headquarters for a PEO EIS Cross-Service Summit. The day-long meeting included discussions on cloud hosting and computing, application rationalization process, software asset management, joint enterprise license agreement, mobility, workforce development, service partnering opportunities and IT business systems training.

The summit was hosted by **Mr. Douglas Wiltsie, PEO EIS**, with participation from the Army, Navy, Air Force, Defense Information Systems Agency and Defense Logistics Agency.

The joint group meets quarterly to share insights, coordinate management issues and identify interservice and interagency partnering opportunities. The Air Force will host the next Cross-Service Summit this month.



Major General Craig Olson (left), Life Cycle Management Command, Air Force; Mr. Douglas Wiltsie (center) PEO EIS Army; and Mr. Victor Gavin (right) PEO EIS Navy.



# RCAS OPTIMIZES PERFORMANCE WITH ASF AND SPA APPROACH

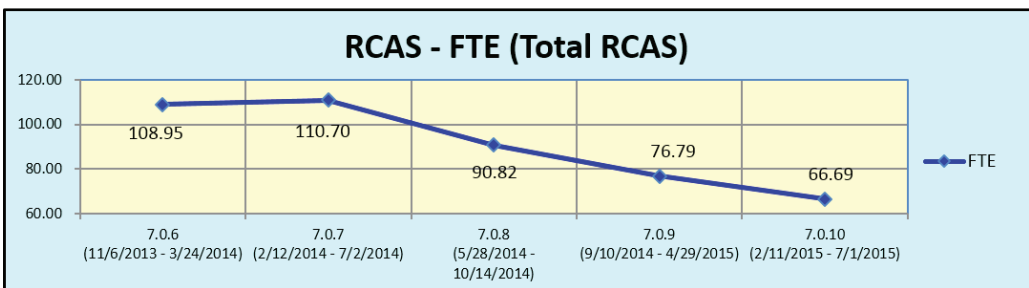
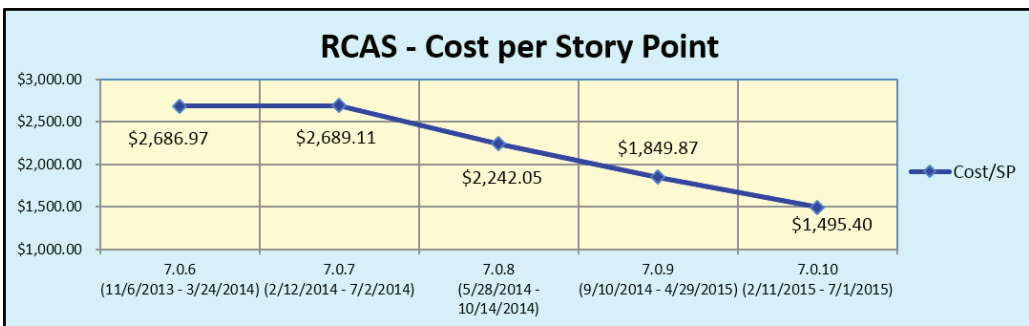
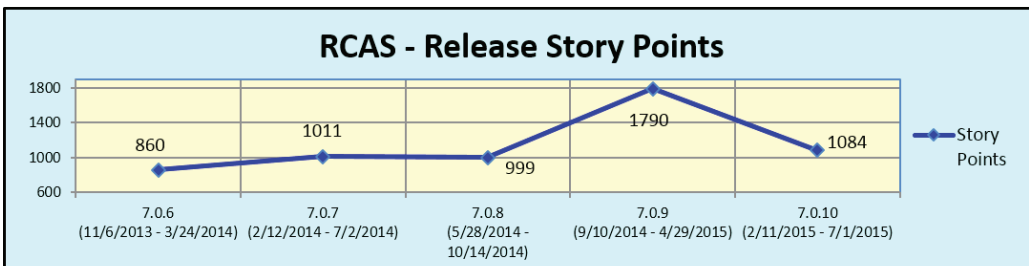
By RCAS Communications Team

In September 2013, Reserve Component Automation Systems (RCAS) transitioned to an agile scrum software development methodology, creating the **RCAS Agile Solution Factory (ASF)**. The RCAS ASF sustains a suite of integrated, web-based software solutions that provide efficient software enhancements to manage mobilization, safety, personnel and force authorization requirements.

Over the last 22 months, **RCAS has initiated innovative approaches to optimize and measure the performance of the ASF**. Story Point Analysis (SPA) is one such approach. A story point is a metric used in agile project management and software development that is analogous to a requirement with a degree of implementation complexity factored in. Requirements that are more complex to implement are assigned a higher number of story points.

The SPA covered five RCAS software releases over a 20-month period. **The analysis showed that the productivity of the RCAS ASF has increased by 26 percent, while cost had been reduced by 44 percent.** During this same time period, the ASF staff size was reduced by 39 percent due to the optimization of the RCAS ASF and techniques such as test automation, continuous integration and automated workflows through a SharePoint portal and the increased productivity of agile scrum teams.

SPA is just one method RCAS uses to measure the ASF. Other performance analysis approaches used in parallel include sustainment analysis, agile earned value management, story point defect analysis, delivery velocity, test automation analysis and help desk ticket analysis. A combination of these approaches allows RCAS to continuously optimize the performance and efficiency of the RCAS ASF.



**Agile Story Point Analysis measures the productivity, capacity and efficiency of the RCAS Agile Solution Factory (ASF). Key metrics over the first 20 months after the transition to agile:**

- **Productivity/Capacity: Increased by 26%** (Story Points/Release)
- **Efficiency: Cost reduced by 44%** (Cost/Story Point)
- **Staff Size: Decreased by 39%** (Total FTEs)

**Driving these results is the optimization of the RCAS ASF through automation and the increased productivity of the RCAS scrum teams working with government product owners.**

**Continuing to evolve and optimize the RCAS ASF is a continuous process with performance analysis approaches playing a key and ongoing role.**

# LMP INC 2:

## RUGGED TABLETS AND NOTEBOOKS AT WORK

By Ms. Christine McMahon, LMP Communications

In June, the Logistics Modernization Program (LMP) Increment 2 Wave 3 went live to three limited fielding sites at Army Materiel Command. Wave 3 incorporates expanded industrial base (EIB) automatic identification technology (AIT) functionality, which includes shop floor and production execution, production reporting and material management. This functionality makes inventory tracking more efficient and reduces user burden by employing new technology to track and manage assets.

To make EIB AIT possible, **LMP developed and purchased a customized configuration of ruggedized tablets and notepads and tethered scanners** and shipped them to the Increment 2 sites. LMP also sent a varied supply of docking stations, spare batteries, spare battery charging cradles and carrying straps to make using the equipment easier.

To support implementation and use of the new equipment, **LMP will manage the IT contracts by tracking warranties, updating equipment and providing training and support guides to sites and users.** The Increment 2 sites will ensure the equipment is synced properly to local networks, provide training and establish procedures to troubleshoot issues.

Developing these unique tablet and notepad configurations is a **large-scale effort to put the best commercial equipment into the hands of depot and arsenal workers.** Delivering this equipment demonstrates the Army's commitment to help LMP users effectively track and manage materiel in support of Soldier missions.



# TAO DEPUTY DIRECTOR DEPLOYS TO SUPPORT AFGHANISTAN OPERATIONS

By Mr. Bill Weed, TAO Resource Manager and Chief of Business Management Division

Photo by Ms. Dana Trzeciak

Technology Applications Office (TAO) Deputy Director **Mr. John Subetto** recently returned from a voluntary deployment to Bagram Airfield, Afghanistan, to support the U.S. Central Command (CENTCOM) area of responsibility (AOR). **During his six-month deployment, Mr. Subetto provided leadership for PEO EIS deployed operations and facilitated dozens of mission-critical tasks** through planning and oversight of forward-deployed personnel and equipment within both the CENTCOM and Africa Command AORs.

While deployed, Mr. Subetto supported analysis for mission compliance while meeting overall operations reduction guidelines. His **responsibility for over \$50 million worth of equipment** was vital to operations and support to meet the operational requirements of units across the Combined Joint Operational Area – Afghanistan. His leadership and dedication directly contributed to the successful redeployment and retrograde of rolling stock, containers and 20-foot equivalent units across theater. This included reconciliation of asset visibility and property dispositions directly benefiting Army force reset operations.

Mr. Subetto also provided strategic planning and forecasting of support requirements for Operation I-Beam force reduction targets. During the transition of several base closures, he was key in coordinating with senior leadership and EIS program capabilities to meet the Operation Resolute Support mission for their higher headquarters. During this tour, **he not only provided daily situational updates of ongoing current operations, but also flew to many forward operating bases to lead high visibility actions.** Mr. Subetto's leadership on the ground and back through the operational chain of command enabled senior leaders to make timely and accurate decisions.



*Mr. Subetto at Bagram Airfield, Afghanistan*



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# *Holiday Party*

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**\$ 35**

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Ticket sales close Friday, 4 December at 1700

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