Armed Forces Communications & Electronics Association (AFCEA) Belvoir Chapter

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PD ES contains three product offices

Three primary focus areas:

- Acquisition and transition to next generation enterprise services (i.e., AKO v2.0)
- Acquisition and implementation of the Army’s target computing environment (i.e., data center/cloud/generating force computing environment)
- Acquisition support to enable data center consolidation
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Product Director, Enterprise Content Collaboration & Messaging

Working Towards Collaborative

EC2M

Enterprise Content, Collaboration & Messaging

AKO ARMY KNOWLEDGE ONLINE

ENTERPRISE EMAIL

DISA

DEFENSE INFORMATION SYSTEMS AGENCY ENTERPRISE PORTAL SERVICE (DEPS)

Google

Microsoft Office 365

SUNTIVA
GREAT MINDS. GREAT HEARTS.

NORTHROP GRUMMAN

MITRE

Octo Consulting Group

Engility
Your Mission. Our Commitment.

Booz Allen Hamilton

Systek

SAMS
Supporting CIO/G-6 Priorities

Our Approach

- Eliminate Bandwidth Constraints
- Build Resilient Transport
- Expand End-to-End Enterprise Services
- Ensure Capabilities Available from the DoD Cloud Anyplace, Anywhere
- Consolidate Top-Level Security Architecture
- Expand Continuous Network Monitoring
- Continue to Advance Cyberspace Operations
- Build Greater Agility Within Cyber Teams
- Empower a More Cohesive, Agile, Innovative, and Responsive Signal Workforce – Military and Civilian

Increase Operational Effectiveness, Improve Security, and Be Efficient

Can’t Afford Not To!
Journey to Enterprise Services

- 1995 - AKO launched Emails, Hosted at various Data Centers, Army owned and operated

- 2004 - Common Access Card (CAC) login made available on portal, 1.6M Users

- 2009 - 24 TBs of information is exchanged, New search engine launched

- 2015 - Infrastructure, IT

**Cloud image Disclaimer Verbiage**
Enterprise Services Lines of Effort

Enterprise Authentication
- AKO LO Directory Services
- AKO LO Single Sign On
- AKO LO Email

Messaging
- Local Exchange Servers
- Enterprise Email

Storage / Content Management
- Local File Storage Drives
- Local SharePoint Instances
- AKO LO Portal Services
- AKO LO Chat / Instant Message
- Local/Stove-piped Unified Communications Solutions
- Defense Connect Online
- Traditional Land-line Phones (80+%)}

Collaboration / Communications
- Local Network Enterprise Center Service Desks
- AKO v1.0 Help Desk

Service Desk
- Army Enterprise Service Desk

Data Center Consolidation and Hosting
- Local Post/Camp/Station Data Centers
- Army Enterprise Data Centers
- Application Integration & Migration Services

Migration
- DoD Enterprise Directory Services
- DoD Identity Management Service
- Storage as a Service
- Enterprise Collaboration/Content Mgmt
- Unified Capabilities

Sustain
- AOK 2.0 Services
- Cloud / Generating Force Computing Environment
- Big Data Analytics
- Core Data Centers
- Marketplace

Legend
- Legacy
- Future
- End State
Goal:

- Conduct an acquisition of Unified Capabilities as a Service that meets the Army’s priorities of needs yet adheres to the DoD Unified Capabilities Master Plan (UCMP, 2011) and the UC Requirement (UCR, 2013)

Requirements:

- Functional requirements
  - Voice, video, chat/IM, presence, screen-sharing
- Integration requirements
  - EVoIP, Emergency Services, Enterprise Email, Global Video Services (GVS)
- Technical/system requirements
  - Authentication, authorization, Enterprise Directory Services (EDS)
  - Global accessibility
  - Interoperability, Info assurance certification
  - Records management
What you can expect in FY15:

- Additional market research:
  - Potential hosting/deployment models
    - Government-owned/Contractor Operated vs. Contractor Owned/Operated models
- Continued, ongoing synchronization with network modernization efforts:
  - Multi-Purpose Layered Switching/ Joint Readiness Security Stacks (MPLS/JRSS)
  - Installation Infrastructure Improvement and Modernization Program (I3MP)
- Limited user pilot/“pathfinder” (tentative)
  - Scope could vary from 4,000 users to 400,000 users

Need Industry’s (continued) help to get this right
Goal:

- Continue to transition AKO in accordance with the SecArmy’s directive and the Army’s directed change to the Capabilities Production Document

Requirements:

- New capabilities production document (CPD)
  - Availability of Single Sign-On (SSO) and Lightweight Directory Access Protocol remain high (>99%)
  - Availability of other AKO components reduced
- Draft performance work statement (Fed Biz Ops, 29 Oct ‘14)
  - Operations and Maintenance (O&M)
  - Transition planning
  - Modernization
  - Integration services
  - Technology insertion
  - Information assurance, accreditation and certification
■ What you can expect in FY15:
  • AKO email functionality (mailboxes, forwarding) goes away
    - Other functionalities may also go away
  • Move SSO fail-over capability to ALTESS
  • Shut down AKO’s disaster recovery (DR) site
  • Publish request for proposal (RFP) for O&M
PD ES Web site

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Questions?