Medhat A. Abuhantash
Director (A), CECOM
Software Engineering Center
VISION
A trusted high performing team who lives the Army values and delivers software to enable the Expeditionary Army

MISSION
Ensure operational readiness by developing, providing, integrating and maintaining Army C4ISR, Logistics and Business software
Software Engineering Center Organization

SEC Director (A)
Medhat A. Abuhantash

MILDEP Director
COL Joyce Stewart

Deputy Director (A)
Kevin R. Shetterly

IEW&S
M. Crapanzano
Assoc. Director
J. Crone
Dep Director

C3T
Vacant
Assoc. Director
R. Medley
Dep Director

EIS
J. Pinsky
Assoc. Director
L. Trieu-Pham
Dep Director (A)

Services
M. Shoultz
Assoc. Director
K. Jacobs
Dep Director (A)

Operations
M. Hosson
Assoc. Director
J. Blount
Dep Director

Intelligence Support Division

Mission Command Division

Fires Division

Tactical Networks Division

ERP Support Division

Satellite & Systems Management Division

Legacy Logistics Division

Systems Sustainment Division

Engineering Services Division

Applications Division

Infrastructure Division

Matrix Support Division

LMP Sustainment
M. Kulick

ARAT Program Office

Sensors & Mission Equipment Division

ERP Support Division

Satellite & Systems Management Division

Legacy Logistics Division

Systems Sustainment Division

Engineering Services Division

Applications Division

Infrastructure Division

Matrix Support Division

Operations & Security Division

Contracts Division

Field Support Division
Where We Are

SEC HQ
APG, MD
IEWS Systems
Command & Control
Communications
Logistics
Enterprise Information Systems
Field Support

Fort Huachuca, AZ
Intelligence
Field Support

Fort Sill, OK
Fires

St. Louis, MO
Chambersburg, PA
Marlton, NJ
Picatinny Arsenal, NJ
Logistics Modernization

National Capital Region
Enterprise Support Services
Field Support

Fort Lee, VA
Tactical Logistics
Business Support Systems

FIELD LOCATIONS

United States
404th AFSB Pacific
406th AFSB CONUS East
407th AFSB CONUS West

Kuwait
401st/402nd AFSB
Southwest Asia

South Korea
403rd AFSB Far East

Germany
405th AFSB Europe
Key Customers Supported

Program Acquisition

HQDA

DoD
**Software**

**Releases:** In FY15, SEC produced **231 software releases** satisfying a total of **8420 requirements** Cat I-0, Cat II-1982, Cat III-378, Cat IV 330, Cat V-96, IAVA-5634

**Systems Supported:** In FY15, SEC supported **95 unique systems.** More than **284,000** of these systems are supported in the field today
**SEC’s Role in the Acquisition Lifecycle**

**Software Acquisition Support**
Provide software engineering technical expertise as matrix employees to PMs. This support includes defining software requirement, overseeing software testing, performing configuration management and guiding acquisition decisions to reduce life-cycle support costs.

**Post Deployment Software Support (PDSS)**
Starts from the point a system is provided to the First Unit Equipped (FUE) to the end of production or when software increment fully fielded (hardware production line may continue). Funding is the responsibility of the PM and generally funded with OPA or OMA.

**Post Production Software Support* (PPSS)**
Starts first year after production or for a software increment when that increments is fully deployed until item divested by the Army. Funded with OMA from Depot Maintenance (Army G4) accounts.

* PPSS is also referred to as Software Depot Maintenance.
What is Software Sustainment?

The processes, procedures, people, materiel, equipment, facilities and information required to support, maintain and operate a system’s software.

- Resolve anomalies preventing mission accomplishment
- Modify software to support operational needs or environment
  - Responding to new threats or requirements
  - Maintaining interoperability with other changing systems
  - Accommodating new weapons, systems or munitions
- Perform Software Tech Assist (Field Software Engineers)
- Acquire & manage COTS software licenses
- Incorporate fixes to address Information Assurance Vulnerability Alerts (IAVAs)
Ensures the software readiness of critical force protection air and ground systems, while providing life-cycle acquisition support to intelligence and electronic warfare systems.

### SEC Portfolio Areas – FY15

<table>
<thead>
<tr>
<th>IEW&amp;S Systems</th>
<th>C3T Systems</th>
<th>EIS Systems/Logistics</th>
<th>Services</th>
<th>Operations</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ensures the software readiness of Army mission command, tactical radio and transport systems as well as counter fire radar systems while providing life-cycle acquisition software support.</td>
<td>Ensures the software readiness of Army mission command, tactical radio and transport systems as well as counter fire radar systems while providing life-cycle acquisition software support.</td>
<td>Ensures the software readiness of Army business, logistics information, and strategic satellite communications (SATCOM) systems. Provides software systems expertise to the Army enterprise resource planning and SATCOM systems.</td>
<td>Ensures software readiness by providing integral software support capabilities to ensure compliance and information assurance of Army software systems.</td>
<td>Manages the organization’s business, contracts and security operations while overseeing field support.</td>
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<tr>
<th>Total Releases</th>
<th>Total Releases</th>
<th>Total Releases</th>
<th>Total Releases</th>
<th>Service Contract Actions</th>
</tr>
</thead>
<tbody>
<tr>
<td>122</td>
<td>76</td>
<td>27</td>
<td>6</td>
<td>413 actions with a value of $422.6M</td>
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<tr>
<td>Requirements</td>
<td>Requirements</td>
<td>Requirements</td>
<td>Applications</td>
<td>Licenses</td>
</tr>
<tr>
<td>CAT I &amp; II: 1735</td>
<td>CAT I &amp; II: 178</td>
<td>CAT I &amp; II: 69</td>
<td>68</td>
<td>565 purchases at a cost of $79.8M</td>
</tr>
<tr>
<td>IAVAs</td>
<td>IAVAs</td>
<td>IAVAs</td>
<td>C&amp;As</td>
<td></td>
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<tr>
<td>2061</td>
<td>1563</td>
<td>2007</td>
<td>385,765</td>
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Represents FY15 Data.
SEC Initiatives

Field Support
- **Initiative:** Right-sizing and conversion to organic
- **Impact:** 55% Reduction by FY20 with $140M savings as compared to FY13

IAVA POR Patching
- **Initiative:** Electronically deliver IAVA Patches on a monthly basis
- **Impact:** Improve cybersecurity posture & system readiness of fielded PORs

CITE
- **Initiative:** CITE designation for CECOM SEC
- **Impact:** Codify SEC as the Army’s C4ISR Software Sustainment activity

Software Assurance
- **Initiative:** Influence Army policy changes & adopt common software assurance throughout a POR’s life cycle
- **Impact:** Improve operational cybersecurity posture

COTS ELA
- **Initiative:** Implement use of C4ISR community ELAs
- **Impact:** Nominally reduce COTS license costs by 20% with streamlined administration of contracts

Workforce Development is Key Enabler
Questions?