**PEO EIS Vision**
Rapidly deliver cost-effective, easy-to-use, IT-based capabilities to the Army Enterprise.

**PEO EIS Mission**
*Enable information dominance* by developing, acquiring, integrating, and deploying Enterprise-wide, network-centric information management and communications to meet the Army’s current and future mission requirements.
Enabling Soldier readiness and agility through development, acquisition and fielding of critical Army business information systems.

Leading Army technology modernization in personnel, equipment, installations, medical, communications and computer infrastructure

Managing 29% of the Army’s IT budget – $3.32 billion annually

We support every Soldier, every day, everywhere
Enterprise Resource Planning
GFEBS Program Scope

**Sustainment Tasks**
- Task Order Management
- Tier I Help Desk
- Functional Operations and Maintenance
  - Tier III Help Desk
  - Configuration Management
  - Business Intelligence
  - Tech Refresh / Obsolescence
- Audit Assurance
- Security Management
- Continuous Improvement
- System Stabilization / Availability
- DISA Data Center Migration

**Example Enhancements**
- Data Standards Compliance
- Infrastructure Modernization
- In Memory Capability (BI)
- Big Data Computing (ECC)
- Legacy Data Consolidation, Conversion and BI Reporting

**Follow-On Increment(s)**
- New Capability Requirements
- Legacy System Replacement Requirements
- New Audit Readiness Compliance Requirements; New Regulations and Policy Mandates
- Business Process Standardization
- Single foundation for Integrated Funds Management
- Enterprise-wide Data Accuracy
- Enterprise-wide Standards Compliance
- Infrastructure Modernization (additional users, more data)

**GFEBS – Sustainment Phase: Recomplete**
- Core Components:
  - GFEBS Sustainment
  - GFEBS SA
  - ACWS
  - GFEBS Inc II

**Upcoming Contracts:**
- Sustainment – FY16
- ACWS – FY16
- GFEBS Inc II – FY17

**Example Capabilities**
- BI Reporting
- Labor Time Tracking / Time and Attendance
- Real Property Interface Development and Conversion Activities
- Supplier Self Service (SuS)
- Non-DTS Travel (DAMPS)

**GFEBS – Increment II Phase: Requirements/Analysis**
Enterprise business intelligence – business warehouse (BI-BW)
- Big data – aggregated data from multiple ERPs, non-ERPs, and business warehouse systems into a single environment for business analytics
- Streamlined cross-program view of data through single-portal access
- Improve centralized business intelligence and analytics capability to the Army
- Gives reports, dashboards and analytical tools to empower Army decisions and maximize efficiency in logistics operations and materiel management across the Army
- Make the Army more efficient by delivering materiel solutions to the Soldier that increase readiness and combat effectiveness.

Asset visibility (GCSS-Army and LMP in coordination with DLA)
- 2014: migrate active radio-frequency identification (RFID) tags to ISO 18000-7
- 2015: support unit item unique identification (IUID) marking of legacy assets
- 2017: integrate IUID functionality with DLA DSS and EBS and Army ERPs

Cloud based computing
- Consolidation of infrastructure
- Standardized support services
Global Combat Support System-Army (GCSS-Army)

- Increment I – In operation at 11th ACR (NTC) since Dec. 2007; successful operational test in Oct. 2011 at 2/1 AD (Ft. Bliss)
  - Wave 1: Fielding automated inventory/financial management to 14,000 users through 4th quarter FY15 (now 50% fielded)
  - Wave 2: Modernizes logistics and enables financial audit readiness; will be fielded to 150,000 users (2nd quarter FY15 – 4th quarter FY17)
    • 2,200+ property books and associated maintenance / unit supply
    • SAP Defense Public Sector (DFPS) enables multiple command and control structures in the Army; Mobile Defense Solution supports disconnected maintenance operations

- Increment II in planning stages – business intelligence & Army Workload and Performance System

- Increment III – based on return on investment for the Army; may include ammunition, transportation, and/or others
IPPS-A is a web-based human resources (HR) system with a comprehensive personnel and pay record for each Soldier, regardless of component. Currently under development, IPPS-A will alleviate the Army’s reliance on over 40 legacy systems. IPPS-A will offer Soldiers, leaders, and HR professionals a single HR system that triggers Soldier pay actions in response to personnel information changes.

Increment I
- For the first time, the Soldier Record Brief (SRB) is a standardized report for all Army components, interfacing with 15 systems. More than 1.1 million Soldiers received access to IPPS-A and their SRB:
  - Army National Guard (provisioned by May 2014)
  - Active Army (provisioned by Aug. 2014)
  - Army Reserve (provisioned by Nov. 2014)

Increment II
- Anticipates receiving Milestone B for engineering, manufacturing and development in Dec. 2014
- Currently in source selection
Technology Needed: ERPs

- Logistics: LMP/GCSS-Army and AESIP Hub enables total asset visibility
  - Aggregation of national and tactical logistics information in the AESIP Hub as a key portion of the logistics business intelligence strategy enables unprecedented total asset availability
  - Condition based maintenance’s store and forward effort moves maintenance data from the platform sensors to the enterprise for near real time fleet readiness

- HR: PeopleSoft Human Capital Management 9.2

- Finance: in-memory computing solution
Network Modernization
Common Vision of the Joint Enterprise with a One Team Concept

Vision For:

Desire For:

Why:

Goal:

What:

Circuit & Network Consolidation
Commercial Application Hosting Services
C2 & Business Migration to CDCs
Commercial Cloud Services
Unified Communication Services

Desktop Management
Single Security Architecture
Wireless Networks
Virtual Desktop Infrastructure

Backbone Optical Switches
Passive Pathway Diversity
ICAN Campus Switches
MPLS Core Routers
JRSS TLA Consolidation
JMS Unified Mgmt

Access and Capability at the Point of Need
De-duplicated Cost Effective Operating Environment
Capable, Reliable and Trusted Operating Environment

LandWarNet 2020

JIE
Network Operations (NetOps)

Key Take-Aways:
- Enterprise Service Management System as a Service (ESMSaaS) will deliver an easy to use, reliable, and secure Information Technology Service Management (ITSM) capability as a managed service.
- Execute ESMSaaS globally across the LandWarNet, and for interested mission partners.
- Integrate ESMSaaS with tactical and Joint ITSM services/platforms.
- Goal is to have the global fielding complete by end of FY17.
- Defensive cyber operations
- Defensive cyber operations – infrastructure
- Web vulnerabilities phase I and II
- Big data – pilot phase II
- Insider threat
- Cyber protection team operations
The JMS as a System is comprised of many management subsystems / components.

The JMS as a System is physically deployed in a hierarchical fashion for scalability.

The JMS Hub infrastructure is collocated with JRSS sites however they do not always need to be.
Meets ARMY’s:
- Regional Severability
- Hierarchical Areas of Ops
- Regional Views/Ops
- Theater Views/Ops

Regional Areas of Operations
- Regional Continuity of Operations
- Global Operational Management
- Enterprise Credentialing
- Enterprise CM
- Enterprise Ticketing
- Enterprise Analytics

EUROPE
- EU-N
- EU-S
- SWA

CONUS
- US-SW
- US-SE

US-NE
- US-MW
- US-W

PACIFIC
- PA-KOR
- PA-HI
Joint Management System (JMS)

JMS Overview

- Supports Department, Agency and Service level Defensive Cyber Operations (DCO) actions
- Support Department, Agency and Service level NETOPs functions
- Capable of managing all security contexts within JRSS as implemented by the Services and DISA
- Supports granularity of control while preventing network fratricide
- Management centrally located with distributed components at JRSS sites
- DISA responsible for O&M while Services manage their own security contexts.
Enterprise wireless solution

Mobility
- Derived credentials (CAC equivalent without physical CAC)
- TouchID (biometric security)
- Rapid on-demand/on-fly application interface / development
- Role based applications

Self learning (in-door / out-door) drone applications
- Battle damage assessments
- Medical
- Logistics

Infrastructure to enable mobility and Wi-Fi across post, AOR – Technology Needed
- Developing the architecture for wireless network coverage to be integrated into the existing post local area network (LAN) building infrastructure
- Seamlessly fit into the installation campus area network (ICAN) and theater-wide architecture for future acquisition efforts
- Subject to availability of funding
Biometrics
Technology Needed: Biometrics

- Operations are based on requirements from users
  - Automated Biometrics Identification System (ABIS)
    • Current threshold includes facial, fingerprint, iris and palm data
  - Biometric Tactical Collection Devices (BTCDs)
    • Currently utilizing the Biometric Automated Toolset-Army and the Secure Electronic Enrollment Kit
    • Accepts facial, fingerprint and iris data

- Projected future requirements for ABIS and BTCDs:
  - Voice (~FY20)
  - Stand-off facial/iris recognition (~FY20)
  - Vascular (~FY25)
  - Multiple foreign language translation (~FY25)
  - Digital DNA (~FY25)
  - Behavioral (~FY25)
  - Rapid DNA (~FY37)

- Long-term strategy
  - ABIS: virtualize and place at a DISA-approved data center with new modalities
  - BTCD: develop biometric applications to be used on a variety of common devices
Strategic Sourcing
CHESS – FY14 sales
- Army Desktop and Mobility Computing 2 (ADMC 2) - $388 million
- IT Enterprise Solutions 2 Hardware (ITES 2H) - $598 million
- IT Enterprise Solutions 2 Services (ITES 2S) - $1.2 billion
- IT Services Small Business (ITS SB) - $18.8 million

Anticipated contract award dates
- ITES Software - late 1st quarter, FY15
  • Software and maintenance renewals for software that have a Certificate of Networthiness but are not on a DoD Enterprise Software Initiative agreement or Army Enterprise License Agreement
- ITES 3H - 3rd quarter, FY15

Future business opportunities
- ITES 3S - Draft RFP planned in late FY15
  • 9-year contract, $12 billion ceiling
Medical
- **Mobile**
  - Providing Nett Warrior with an electronic Tactical Combat Casualty Care (TC3) Card app for point of injury documentation

- **Coordinating with medical community on multiple fronts**
  - Supporting DoD’s new Electronic Health Record, Segment 2 - Operational Medicine
  - Armored Multi-Purpose Vehicle Evacuation and Treatment variants – complementary subsystem installed in a ground platform to document patient care while en route
  - Transport Telemedicine - development of an air evacuation documentation/vital signs recording capability, transmitting actionable data for casualty reception and expedited care
Procurement Outlook
<table>
<thead>
<tr>
<th>Program</th>
<th>Type</th>
<th>Description</th>
<th>Projected RFP Release</th>
<th>Vehicle or Contract Method</th>
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<tr>
<td>AESIP/AMIS</td>
<td>Service</td>
<td>RF-ITV II Option 3</td>
<td>3Q14</td>
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<td>LMP BMC Control M Workload Automation</td>
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PEO EIS is the Army’s enterprise-wide technical leader for business information systems empowering Soldiers with the decisive edge.