AUSA Pittsburgh
AI + AS Systems Symposium & Expo
PEO EIS Overview

Connecting the Army.
Working for Soldiers.

Mr. Dan Joyce, Assistant PEO, Business Mission Area

April 6, 2022

Overview

Mission

Rapidly deliver *integrated, innovative and cost-effective* systems and services for the Total Force, to globally connect the Army and provide a decisive information advantage to every Soldier.

Vision

Be the recognized leader in delivering *integrated and cost-effective* information systems and information technology solutions across the Department of Defense.

Magnitude

- Over **24.2 million** daily business system transactions supporting over **615,000** users
- **36** program offices and **71** acquisition programs
- Manage approximately **$4.3 billion** annually
- Supports **1 million** Active, Guard and Reserve Soldiers and **330,000** Army Civilians

Mission Areas

- Data
- Human Capital
- Defensive Cyber
- Logistics
- Enterprise Services
- Networks
- Finance & Accounting

A Worldwide Team

- **~3,000** military, civilian and contractors
- **10** states
- **6** countries

2

Our Stakeholders

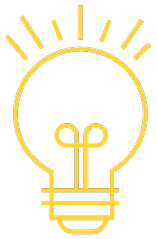CUSTOMERS AND OVERSIGHT

INDUSTRY PARTNERS

WORKFORCE

PEO EIS directly supports every domain, branch, unit and Soldier in the Army.

Connecting the Army.
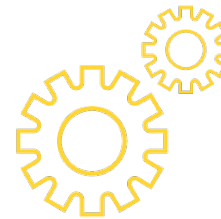**Working For Soldiers.**

Our Priorities

ENSURE DISCIPLINE
in all we do

COMMAND CLIMATE
make PEO EIS a
workplace of choice

DELIVER CAPABILITY
to our Customers

TALENT MANAGEMENT
build the bench through
training and experience

Program Executive Officer
Mr. Ross R. Guckert

Acting Deputy PEO
Mr. Marty Zybura

Acting Chief of Staff
Mr. Ken Wojcik

Acting Plans & Operations
Mr. Jim Alexander

Acquisition Innovation Directorate
Mr. Aric Sherwood

Business Management
Mr. Michael McCaffery

Human Resources
Mr. Steven Uehling

Acquisition Logistics & Property Management
Mr. Lawrence Silas

Cyber
Mr. Manish Patel

Strategic Communication
Ms. Tara Clements

BUSINESS MISSION AREA

Assistant PEO - Business Mission Area
Mr. Dan Joyce

PM ARDAP
Army Data and Analytics Platforms
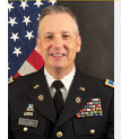
COL Robert Wolfe — Project Manager

Mr. Keith Baylor — Product Lead — *Automated Movement & Identification Solutions*

Mr. James Winbush — Product Lead — *Logistics Information Systems*

Mr. Richard Eva — Acting Product Lead — *Army Enterprise Systems Integration Program Hub*

Ms. Miranda Coleman — Product Lead — *Army Vantage*

Mr. JT Craft — Product Lead — *Global Force Information Management*

Mr. Preston Hayward — Product Lead — *Enterprise Business Systems - Convergence*

Mr. Timothy Hale — Product Manager — *Army Training Information System*

PM DIBS
Defense Integrated Business Systems

COL Donald Burton — Project Manager

LTC Christee Cuttino — Product Manager — *Army Contract Writing System*

LTC William Reker — Product Manager — *Global Combat Support System – Army*

Mr. Reginald Shuford — Product Director — *General Fund Enterprise Business System*

Mr. Gabriel Saliba — Product Director — *Logistics Modernization Program*

PM IPPS-A
Integrated Personnel and Pay System – Army

COL Robert Williams — Project Manager

LTC Corris Bullock — Product Manager — *IPPS-A Increment II*

**Mr. Steven Reichard** — Acting Product Lead — *Medical Communications for Combat Casualty Care*

Mr. Sajjan (Saj) George — Product Lead — *Reserve Component Automation Systems/Force Management System*
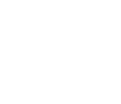
Mr. Michael Payne — Product Director — *Army Human Resource Systems*

*Works directly for the PEO

ENTERPRISE INFORMATION ENVIRONMENT MISSION AREA

Assistant PEO - Networks, Cyber & Services
Mr. John Howell

PM DCATS
Defense Communications and Army Transmission Systems
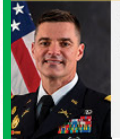
COL Justin Shell — Project Manager

LTC Scott Davis — Product Manager — *Wideband Enterprise Satellite Systems*

LTC Xkoshan Arnold — Product Manager — *Global Enterprise Network Modernization - Americas*

Mr. Thomas Dunaway — Product Manager — *Power Projection Enablers*

Mr. EJ Wasikowski — Product Lead — *Land Mobile Radio*

PM DCO
Defensive Cyber Operations

COL Mark Taylor — Project Manager

LTC Dakota Steedsman — Product Manager — *Cyber Analytics & Detection*

LTC Bradley Son — Product Manager — *Cyber Platforms and Systems*

Mr. Arthur Edgeson — Product Lead — *Applied Cyber Technologies*

Mr. John Swart — Product Lead — *Technology Applications Office*

Mr. Brian Bricker — Acting Product Lead — *Allied Information Technology*

PD ES
Enterprise Services

Mr. Lee James III — Project Director

Mr. Boyd Williams — Product Director — *Acquisition, Logistics & Technology Enterprise Systems & Services*

Mr. GW Burnside II — Product Lead — *Army Enterprise Staff Management System*

Mr. Brent Thomas — Product Lead — *Human Resource Solutions*

Mr. Wayne Sok — Product Lead — *Computer Hardware, Enterprise Software & Solutions*

Mr. Palmer Mitchell — Product Lead — *Enterprise Computing*

Ms. Deidra McCaskill — Product Lead — *Enterprise Content Collaboration & Messaging*

UPDATED 25 FEB 2022

Army Data and Analytics Platforms

Army Data and Analytics Platforms (ARDAP) enables scalable, agile and trusted data platforms – integrated with data services/applications, visualization analytic tools – to facilitate fact-based and resource-informed decision-making.

COL Robert Wolfe
Project Manager

| **Mr. Keith Baylor** Product Lead AMIS | **Mr. James Winbush** Product Lead LIS | **Mr. Richard Eva** Acting Product Lead AESIP Hub | **Ms. Miranda Coleman** Product Lead Army Vantage | **Mr. JT Craft** Product Lead GFIM | **Mr. Preston Hayward** Product Lead EBS-C | **Mr. Tim Hale** Product Manager ATIS | **Ms. Jennifer Potts** Deputy Project Manager |

PEO EIS and AI/ML

- Army Data Board
- Army Vantage
  - "Code Repository" & "Code Workbook"

  - Vehicle Maintenance & Reliability Analysis through ML and simulation models

  - Using AI to recommend site-geoloc pairs

  - Leveraged ML algorithms to predict which Army contracts are most likely to have excess funds

AI2C Collaboration Areas

- **User Access**

- **Remote Assistance**

- **Network Performance Management**

Enterprise Business Systems - Convergence

Mission: To implement a modernization approach that will improve how all business is done and reported in a rapidly modernizing Army by reengineering existing processes and developing the full range of needed requirements to enable readiness generation, modernization and direct business-related support from the strategic support area to the tactical edge – '*Commercial as Possible, Military as Necessary*'

Capabilities (Future)	FY22 Program Priorities
Convergence of existing 6 SAP ERPs into a single solution (GFEBS, GFEBS SA, GCSS-Army, LMP, HQAES, AESIP) **Functional:** • Force Planning • Force Equipping • Force Readiness • Force Deploy **Enabling:** • Procurement • Human Resources (integration with IPPS-A) • Technology • Finance	**Functional:** • Functional Requirements ATP • Further Requirements Definition • Additional Business Process Reengineering (BPR) • DOTMLPF-P Actions **PMO:** • Finalize Acquisition Approach • Execute initial contract action • Develop materials in support of BCAC Phase 3

Stakeholders	Users (Future)	Software / Technology Stack
AMC, FM&C, OBT, CIO G-6, G-4, and CASCOM	200,000+ finance, logistics, real property and environmental management users across the Army	Composable ERP with Transactional Core, Enterprise Service Bus, Non-ERP SaaS / PaaS solutions and microservices

AESIP = Army Enterprise Systems Integration Program
AMC = Army Materiel Command
CIO = Chief Information Office
CRD = Change Requirements Document
ERP = Enterprise Resource Planning

FM&C = Financial Management and Comptroller
GCSS-Army = Global Combat Support System - Army
GEBS-SA = General Fund Enterprise Business System – Sensitive Activities
GFEBS = General Fund Enterprise Business System

HQAES = Headquarters Army Environmental System
IPPS-A = Integrated Personnel and Pay System - Army
LMP = Logistics Modernization Program
OBT = Office of Business Transformation
OTA = Other Transaction Authority

PaaS = Platform as a Service
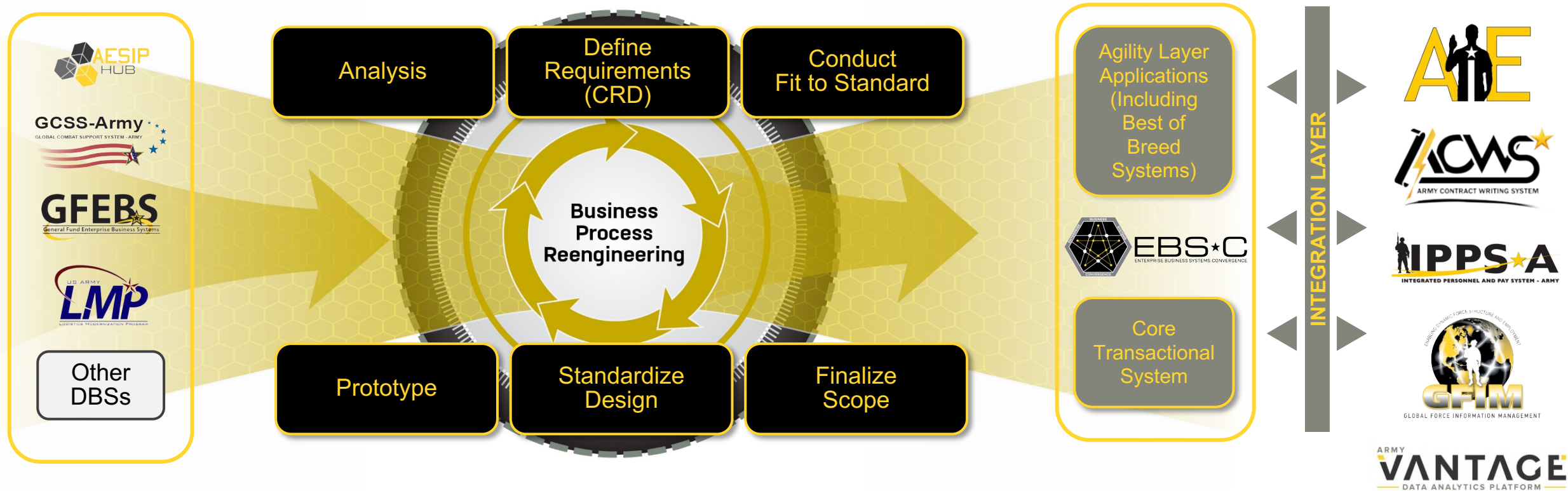PPON = Prototype Proposal Opportunity Notice
SaaS = Software as a Service

Future State EBS-C

ARDAP — ARMY DATA AND ANALYTICS PLATFORMS | **EBS·C** — ENTERPRISE BUSINESS SYSTEMS-CONVERGENCE

The current suite of Army Enterprise Business Systems (EBS) lack agility and the capacity to seamlessly share information between systems and commands. EBS-C is the Army's business modernization transformation effort to simplify, streamline, standardize, and unify business operations.

THE CURRENT EBS-C EFFORT IS MANAGED IN PM ARDAP

ENDURING SYSTEMS

- AESIP HUB
- GCSS-Army — GLOBAL COMBAT SUPPORT SYSTEM - ARMY
- GFEBS — General Fund Enterprise Business Systems
- LMP — LOGISTICS MODERNIZATION PROGRAM
- Other DBSs

Analysis → Define Requirements (CRD) → Conduct Fit to Standard

Business Process Reengineering

Prototype → Standardize Design → Finalize Scope

Agility Layer Applications (Including Best of Breed Systems)

EBS·C — ENTERPRISE BUSINESS SYSTEMS-CONVERGENCE

Core Transactional System

INTEGRATION LAYER

Enduring Systems:
- AIE
- ACWS — ARMY CONTRACT WRITING SYSTEM
- IPPS·A — INTEGRATED PERSONNEL AND PAY SYSTEM - ARMY
- GFIM — GLOBAL FORCE INFORMATION MANAGEMENT
- ARMY VANTAGE — DATA ANALYTICS PLATFORM

ACWS = Army Contract Writing System
AESIP Hub = Army Enterprise Systems Integration Program Hub
AIE = Accessions Information Environment
CRD = Change Requirements Document

DBS = Defense Business Systems
GCSS-Army = Global Combat Support System-Army
GFEBS = General Fund Enterprise Business System
GFEBS-SA = GFEBS-Sensitive Activities

IPPS-A = Integrated Personnel and Pay System
LMP = Logistics Modernization Program

Integrated Personnel and Pay System – Army

The Integrated Personnel and Pay System – Army (IPPS-A) portfolio provides the acquisition, development, implementation, and sustainment of capabilities enabling the Army's military human resources, force management, mobilization and readiness along with medical situational awareness and electronic documentation for medical treatment.

COL Robert Williams
Project Manager

LTC Corris Bullock
Product Manager
IPPS-A Inc. II

Mr. Sajjan George
Product Lead
RCAS/FMS

Mr. Steven Reichard
Acting Product Lead
MC4

Ms. Michelle Walker
Deputy Project Manager
IPPS-A

Defense Integrated Business Systems

Defense Integrated Business Systems (DIBS) is accountable for standardizing, streamlining and sharing critical data across the Army, Department of Defense and industry partners. DIBS procures and delivers the best management capabilities to Soldiers and end users.

COL Don Burton
Project Manager

LTC Christee Cuttino
Product Manager
ACWS

LTC William Reker
Product Manager
GCSS-Army

Mr. Reginald Shuford
Product Director
GFEBS

Mr. Gabe Saliba
Product Director
LMP

Mr. Pete Cloutier
Product Lead
HQAES

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