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GCSS-Army Update to Army Aviation Association of America

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What is GCSS-Army?

GCSS-Army is an Enterprise Resource Planning solution that **is the tactical unit/installation logistics and financial system for the US Army;** tracks unit maintenance (ground & air), total cost of ownership and other financial transactions related to logistics **for all Army units**.

GCSS-Army Enterprise Aviation Overview

What is Enterprise Aviation (EAVN)?

- EAVN interfaces Aircraft Notebook (ACN) with the Army's tactical logistics Enterprise system

- This interface moves ACN data from the flight-line to GCSS-Army

- Standardizes Business Processes for Aviation data
  - Utilizes existing Enterprise Business Processes
  - Business Process Re-engineering (BPR) with Stakeholders
  - Provides a single process for Soldiers completing Directed Maintenance Actions
  - Encourages data management at the Item Manager position (maintain relevant materials for our Aviation Platforms)
  - Updates to business processes follow the Configuration Requirements Board process

- Provides Army Senior Leaders and Combatant Commanders near real-time views of Army Aviation assets
  - AESIP Hub BI/BW reports
  - Army Vantage

- Provides a single logistics data center for Aviation data
  - Single truth for Aviation readiness and maintenance/logistics data

ACN – Aircraft Notebook
AESIP – Army Enterprise Systems Integration Program
BI/BW – Business Intelligence/Business Warehouse
EAVN – Enterprise Aviation

Enterprise Aviation Status

DIBS DEFENSE INTEGRATED BUSINESS SYSTEMS | **GCSS-Army** GLOBAL COMBAT SUPPORT SYSTEM - ARMY

Completed Releases

- EAVN Release 1A: December 2019
  - Aviation Master Data into the Enterprise Suite (AESIP Hub)
- EAVN Release 1B: January 2020 (Begin) / July 2021 (End)
  - Equipment Records and Off-Platform 2410 Component Repair
- EAVN Release 2, Capability Drop 2.1: December 2020
  - DA Form 2408-13-1, 13-2, -12 and Technical/Operational Status
- EAVN Release 2, Capability Drop 2.2: June 2021
  - Weapon Record Data and Aviation Readiness Data

EAVN Release 2, Capability Drops 2.4 and 2.5

Aircraft (As-Maintained) Historical Records, Directed Maintenance Actions (MWOs & Aviation Safety Messages)
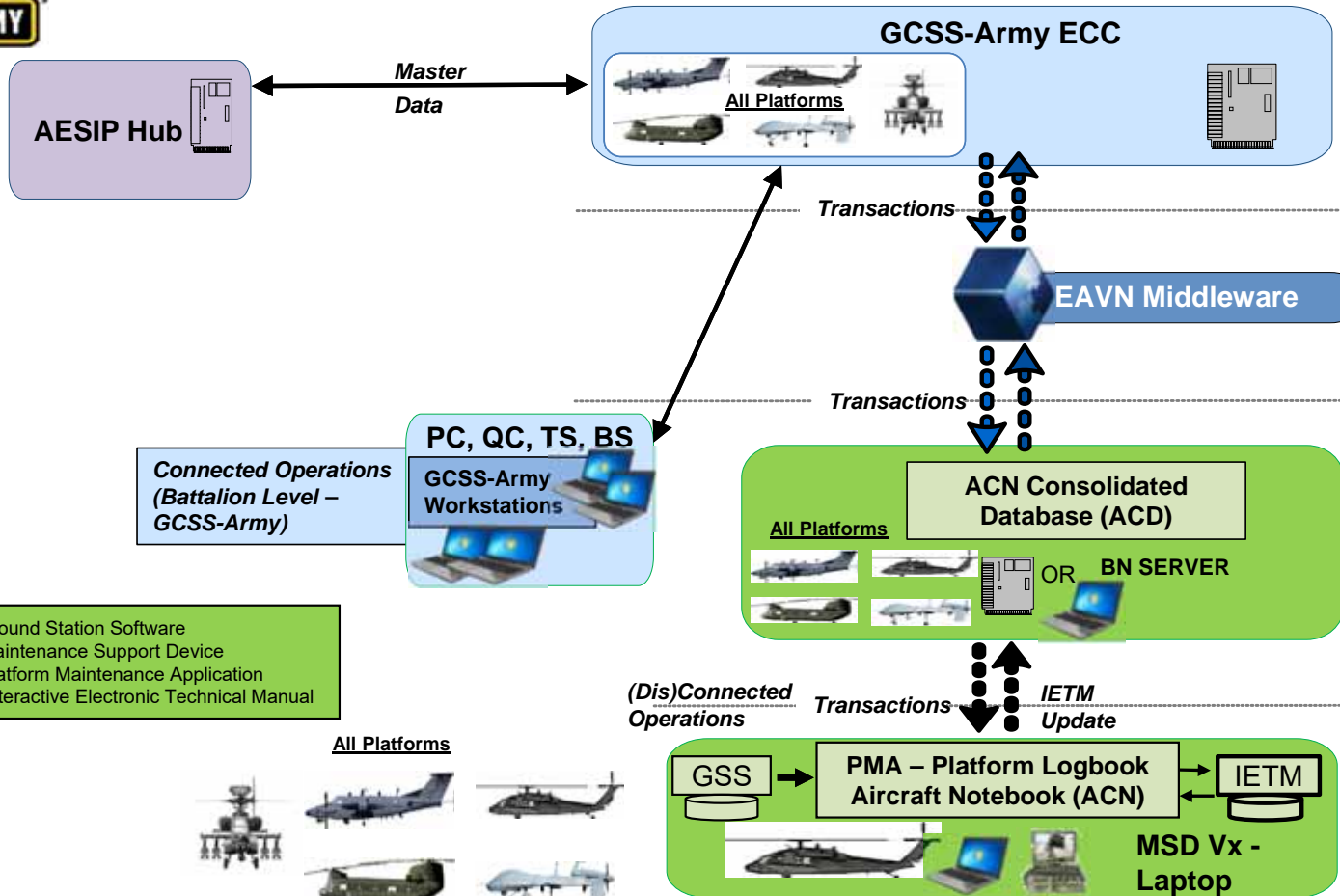
- Capability active in GCSS-Army June 2022; Training and Fielding to follow
- Populates Aviation DA Form 2410 Historical Records into GCSS-Army
- Populates Aviation Historical Records (As-Maintained) in GCSS-Army from ACN
  - DA Forms 2408-16, 2408-16-1, 2408-16-2, Controlled Exchange, Safety Messages (SOF, ASAM, AMAM)
- Reconfigures ACN sync for DA Form 2410 Records from ACN → MCDS to ACN → GCSS-Army

EAVN Release 2, Capability Drop 2.3

Tech Supply and Aircraft Historical Records

- Capability active in GCSS-Army March 2022; Training and Fielding to follow
- Moves Aviation Tech Supply processes from ACN into GCSS-Army
- Populates Aviation Historical Records in GCSS-Army from the ACN
  - DA Forms 2408-5, 2408-5-1, 2408-15, 2408-15-2, 2408-17, 2408-19, 2408-19-2, 2408-19-3, 2408-19-4, 2408-20
- Reconfigures ACN sync from ACN → CAMMS to ACN → GCSS-Army
- Working with units to analyze Tech Supply data in advance of conversion activities starting 180 days before fielding

Training and Fielding

- EAVN Release 2, Capability Drop 2.3
  - Limited User Test 14 March – 8 April 2022 (8 users from 3rd CAB, 2 users from National Guard Bureau)
  - Limited Deployment Authority To Proceed scheduled May 2022
  - First unit training and fielding scheduled June 2022

- EAVN Release 2, Capability Drop 2.5
  - IOT&E with 3rd CAB projected June – August 2022
  - Full Deployment Authority to Proceed projected September 2022
  - First unit training and fielding projected September 2022 (combined with 2.3)
  - Completion of full fielding projected 30 September 2023

AMTRACKS – AMCOM Message Tracking System   IOT&E – Initial Operational Test & Evaluation
CAB – Combat Aviation Brigade   MWO – Modification Work Order
EAVN – Enterprise Aviation   TAMMS-A – The Army Maintenance Management System-Army

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GCSS-Army EAVN Data Flows

GCSS-Army ECC

All Platforms

AESIP Hub

Master Data

Transactions

EAVN Middleware

Transactions

PC, QC, TS, BS
GCSS-Army Workstations

Connected Operations (Battalion Level – GCSS-Army)

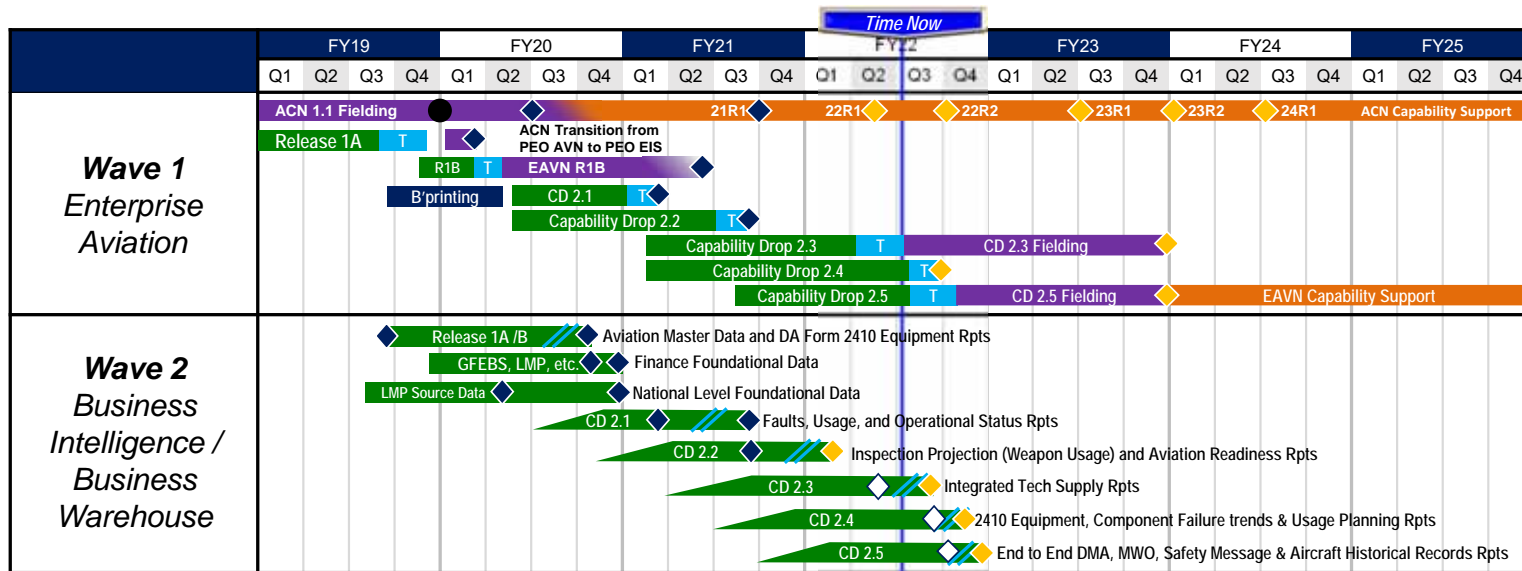**ACN Consolidated Database (ACD)**

All Platforms

OR   **BN SERVER**

GSS – Ground Station Software
MSD – Maintenance Support Device
PMA - Platform Maintenance Application
IETM – Interactive Electronic Technical Manual

All Platforms

(Dis)Connected Operations

Transactions

IETM Update

GSS   **PMA – Platform Logbook Aircraft Notebook (ACN)**   IETM

MSD Vx - Laptop

- Enterprise Logistics
- Maintenance, Supply, Finance, Property, Readiness Reporting
- Master Data
- Force Structure

- Tech Supply (TS)
- AVN Maintenance – Hangar
- Connected Battalion Operations
- Production Control (PC)
- Quality Control (QC)
- Back Shop (BS)

- AVN Maintenance - Flight Line Forward
- Disconnected Operations
- Aircraft Logbook

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GCSS-Army Enterprise Aviation Schedule

Organization Leadership

Ross R. Guckert
Program Executive Officer, Enterprise Information Systems

COL Donald L. Burton
Project Manager, Defense Integrated Business Systems

LTC(P) William A. Reker
Product Manager, Global Combat Support System-Army

Paul B. Phillabaum
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Questions?

The Army Relies On

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