Global Force Information Management (GFIM) Breakout Session

Connecting the Army.

Working for Soldiers.

**Mr. Richard Eva, GFIM Product Lead and
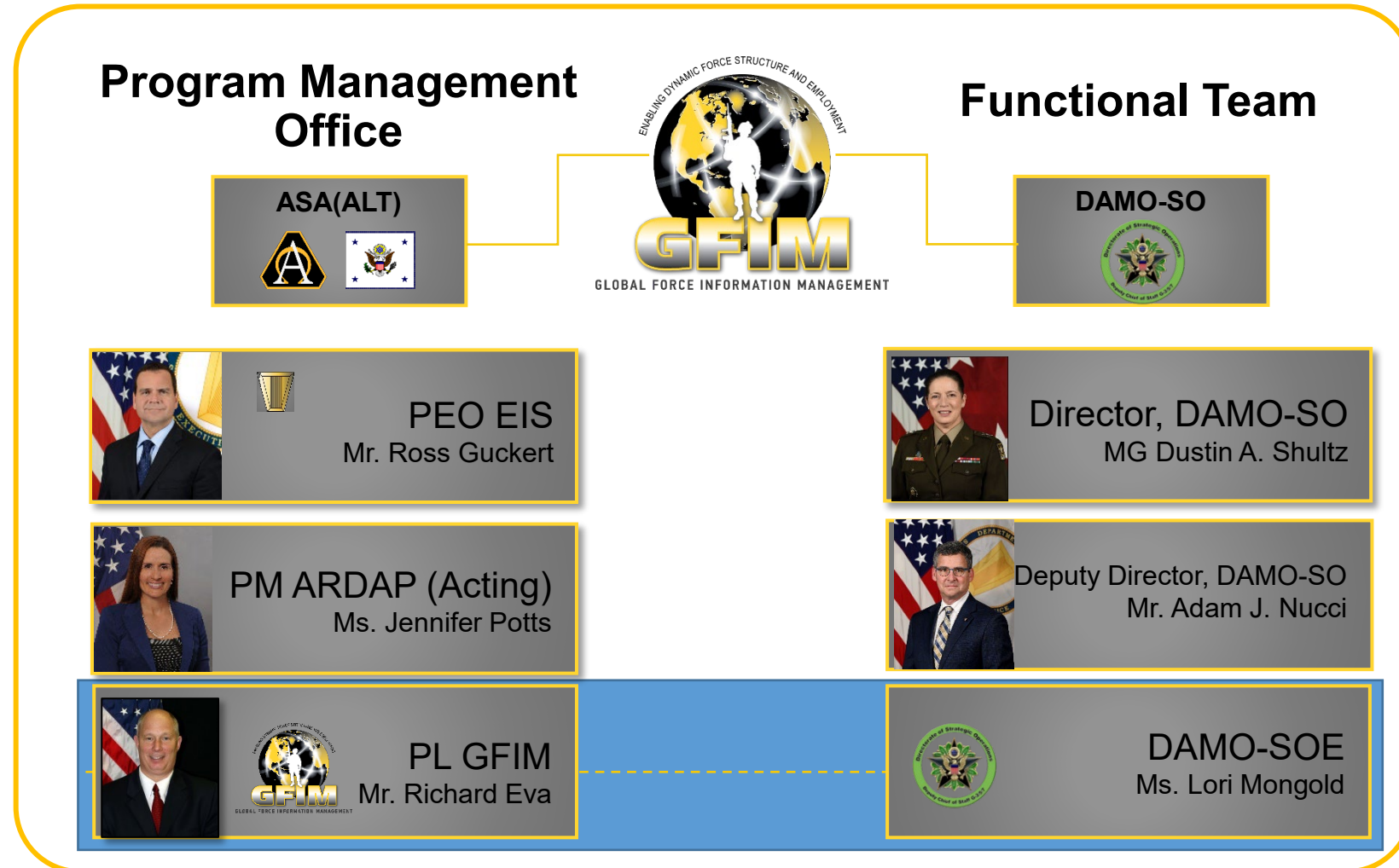Mr. Andy St. Laurent, GFIM Deputy Product Lead**

NOVEMBER 8, 2022

Breakout Session Ground Rules

- This brief is marked "Distribution Statement A. Approved for Public Release, Distribution Unlimited."

- The Government will not publish industry-proprietary questions/comments or their responses.

- Nothing presented in this breakout session commits the U.S. Army to any acquisition approach, agreement or contract.

- Any future published opportunity will take precedence over information presented today or in response to questions.

GFIM Organizational Chart

Program Management Office

Functional Team

ASA(ALT)		DAMO-SO

PEO EIS Mr. Ross Guckert		Director, DAMO-SO MG Dustin A. Shultz
PM ARDAP (Acting) Ms. Jennifer Potts		Deputy Director, DAMO-SO Mr. Adam J. Nucci
PL GFIM Mr. Richard Eva		DAMO-SOE Ms. Lori Mongold

What Problem GFIM Solves

DD2R .10//11
Redeploy Forces/ Demobilize/ Regenerate Forces
SEPARATION
Release/remove personnel & equipment from military control; dispose of facilities or real property

DD2R .01 / .02
Perform Strategic Planning / Determine Force Requirements
FORCE MANAGEMENT
Develop a capable combat force within constrained resources.

D2RR. 03
Design the Force
ACQUISITION
Obtain people, equipment, money, & facilities

DD2R .03
Design the Force
DEVELOPMENT
Increase force capabilities; bring people &/or equipment to a more advanced state.

DD2R .05
Prepare Forces & Infrastructure / Platform
TRAINING
Impart & instill that discipline, instruction, drill, & practice designed to create military efficiency or proficiency .

DD2R .09
Support Deployed Forces
SUSTAINMENT
Provide for people, organizations, & equipment by furnishing means or funds.

DD2R .04
Align Forces
DISTRIBUTION
Allot people &/or equipment to claimant Organizations according to priorities

DD2R .05/.07/.08
Conduct Mobilization / Deploy and Employ Forces
DEPLOYMENT
Project a combat force rapidly to any place in the world to satisfy a national requirement
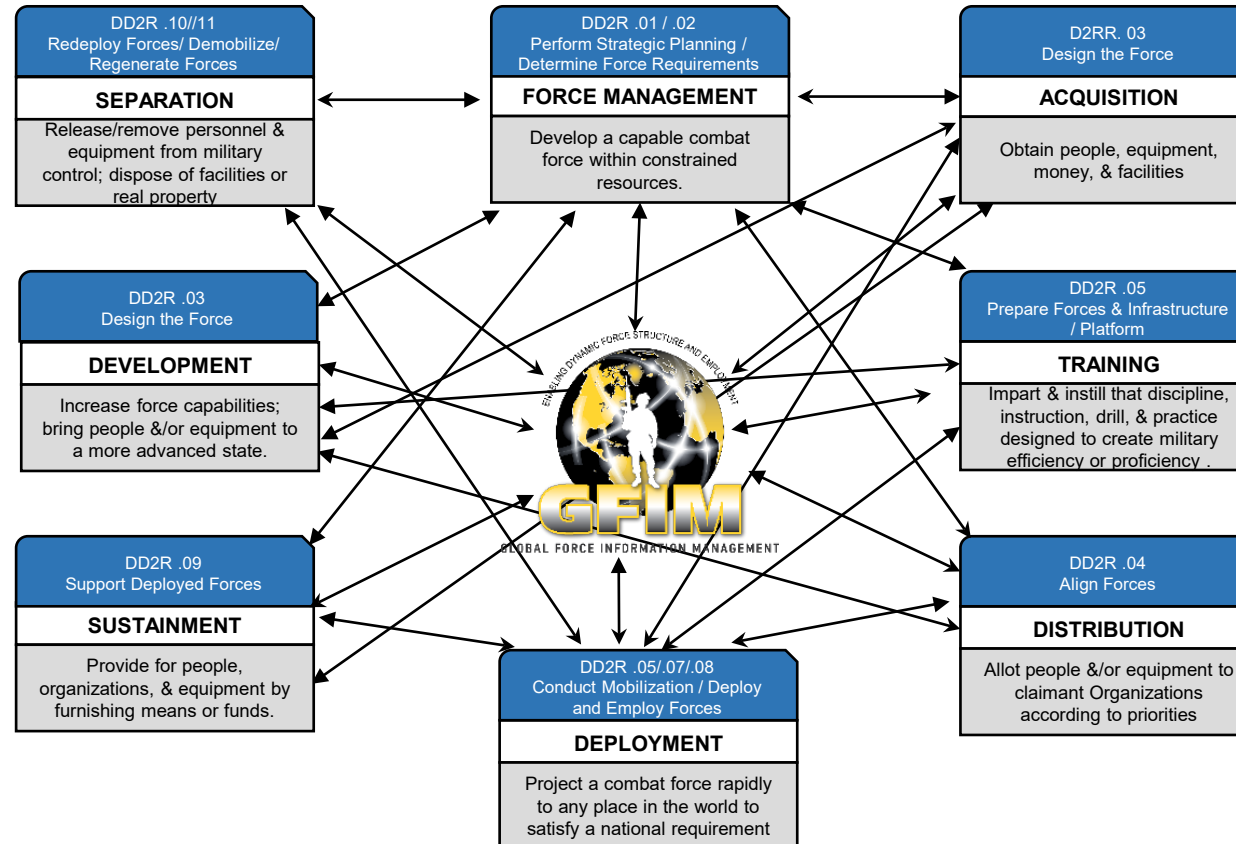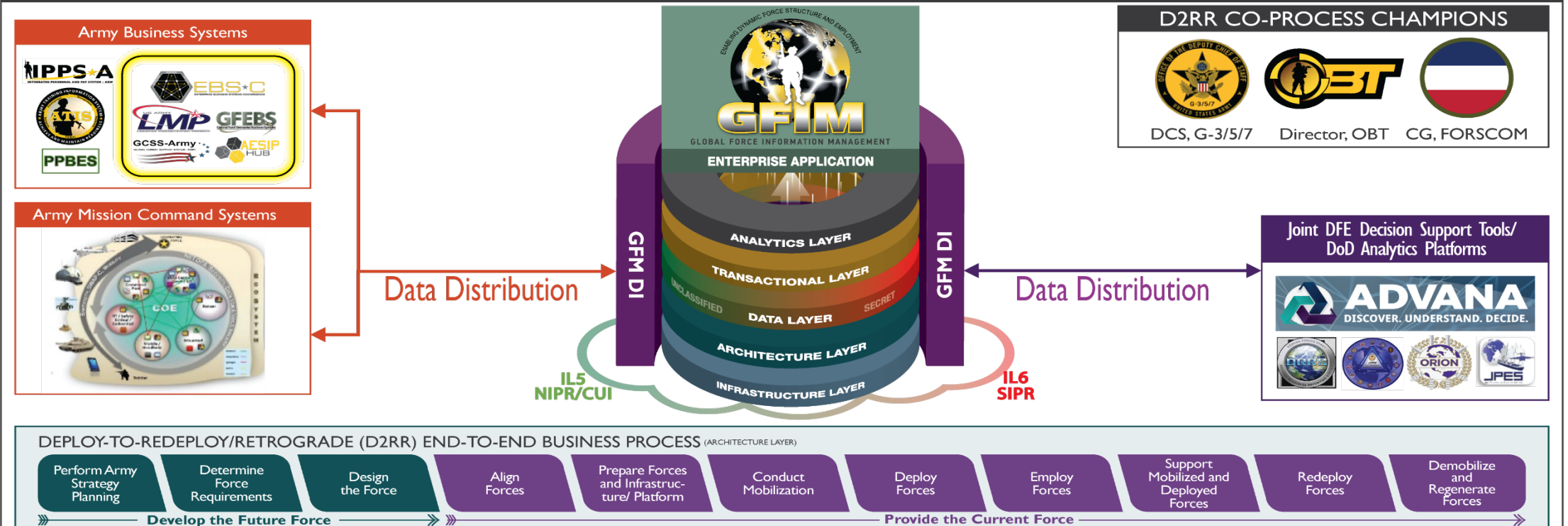
Provide Global Force Management (GFM) and Global Force Management Data Initiative (GFM-DI) compliant data to man, equip, train, ready, and resource the Army.

GFIM OE Operational View (OV-1)

OBJECTIVE ENVIRONMENT (TO-BE)

Army Business Systems
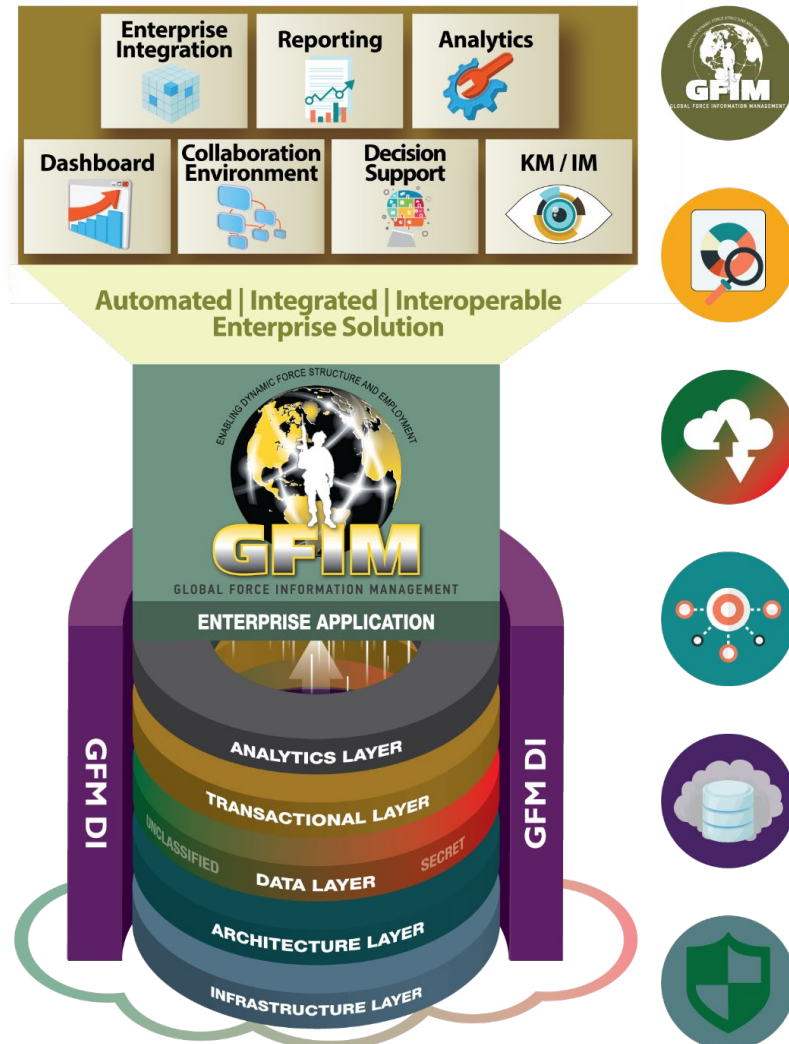
IPPS-A · ATIS · PPBES · EBS-C · LMP · GCSS-Army · GFEBS · AESIP HUB

Army Mission Command Systems

GFIM — GLOBAL FORCE INFORMATION MANAGEMENT

ENTERPRISE APPLICATION

- ANALYTICS LAYER
- TRANSACTIONAL LAYER
- DATA LAYER
- ARCHITECTURE LAYER
- INFRASTRUCTURE LAYER

UNCLASSIFIED — SECRET

GFM DI

Data Distribution (left)

Data Distribution (right)

IL5 NIPR/CUI

IL6 SIPR

D2RR CO-PROCESS CHAMPIONS

DCS, G-3/5/7 · Director, OBT · CG, FORSCOM

Joint DFE Decision Support Tools/ DoD Analytics Platforms

ADVANA — DISCOVER. UNDERSTAND. DECIDE.

ORION · JPES

DEPLOY-TO-REDEPLOY/RETROGRADE (D2RR) END-TO-END BUSINESS PROCESS (ARCHITECTURE LAYER)

| Perform Army Strategy Planning | Determine Force Requirements | Design the Force | Align Forces | Prepare Forces and Infrastruc-ture/ Platform | Conduct Mobilization | Deploy Forces | Employ Forces | Support Mobilized and Deployed Forces | Redeploy Forces | Demobilize and Regenerate Forces |

Develop the Future Force — **Provide the Current Force**

CURRENT ENVIRONMENT (AS-IS)

FORCE STRUCTURE/FORCE MANAGEMENT
SAMAS · FMS · FMS Web · RCAS · AOS

READINESS ASSESSMENT
DRRS-A · EMDS*

FORCE GENERATION/MOBILIZATION/DEPLOYMENT
AST · MOBCOP · MARRS** · COMPASS

REQUIREMENTS VALIDATION
WIAS† · CAMS · ECOP

GFIM PORTFOLIO (14 SYSTEMS PLUS RELATED SUBSYSTEMS)
TRAINING AND READINESS (T&R) DOMAIN, BUSINESS MISSION AREA (BMA)

* EMDS will sunset and D2RR Analytical Tool will provide enduring analytical capability for GFIM OE. EMDS is outside the scope of GFIM Transactional Capability (GFIM Prototype Project)
** Potential Bridging Solution   † Subsumed and sunset

GFIM OE Features and Benefits

Automated | Integrated | Interoperable Enterprise Solution

Analytics Layer: D2RR Analytical Tool (D2RR-AT)

- Common operating picture and visualization of G-3/5/7 focus areas
- Predictive analytics for force structure, readiness, and modernization
- Rapid analysis and reporting of disparate datasets
- Near-real time decision support and risk analysis

Transactional Layer: GFIM Transactional Materiel Solution (TMS)

- Transactional suite of applications using best-of-breed technology
- Produce authoritative global force management data to support mobilization/deployment, and operational requirements validation
- Automate and integrate workflows across all D2RR E2E activities
- Ensure DoD GFM DI compliancy
- Intuitive user interface built on human-centered design principles
- No-code/Low-code software approach centered on configuration

Data Layer: D2RR Data Lake (D2RR-DL)

- Common data environment for authoritative data supporting D2RR
- Cross-domain solution for unclassified/classified data management
- Data distribution through APIs and microservices framework
- Streamline and reduce system interface agreements
- Compliance with DoD GFM DI and Army data standards

Architecture Layer: Deploy-to-Redeploy/Retrograde (D2RR)

- Streamline D2RR processes and reduce manual workarounds
- Document T&R enterprise business, system, and data architectures
- Interface & coordinate with EBS-C-MFCT for integrated D2RR BPR
- Deliver DBS/BCAC-compliant architecture for GFIM

Infrastructure Layer: AWS GovCloud / cArmy Environment

- Secure, cloud-based solution providing worldwide access to data
- Flexible, scalable, adaptable, and capable of supporting Total Army
- Maximize use of cArmy enterprise shared services and tools
- Infinite storage, rapid development, and 24x7, 365 days/yr support

GFIM Transactional Material Solution

A cloud-based, transactional suite of applications that uses best of breed-technology to plan, program and produce authoritative GFM data in support of the Army's Deploy to Redeploy and Retrograde (D2RR) business processes.

GFIM provides authoritative integrated and interoperable transactional capability for GFM activities, automates the D2RR business process, and provides GFM-DI compliant data to man, equip, train, ready, and resource the Army.

WHAT DOES GFIM DO?

- Provides near real-time FM insight of Army formations down to the team level to Develop the Future Force and Provide the Current Force.
- Automates GFM functions enabling D2RR ISO Multi-Domain Operations and Joint-All Domain Operations.
- Produces authoritative GFM data to support mobilization/deployment, and operational requirements validation.

WHO WE ARE

- Support for the Total Army partnered with the Army G-3/5/7 to deliver authoritative integrated and interoperable transactional GFM data to Army leaders and combatant commanders.

MISSION

Provide Global Force Management (GFM) and Global Force Management Data Initiative (GFM-DI) compliant data to man, equip, train, ready, and resource the Army.

FAST FACTS

Intended to support 160,000 users, including combatant commanders from the strategic to tactical level

Subsumes the capabilities and applications of 14 aging and disconnected systems

Support for the entire Army including Active, Guard and Reserve Soldiers, and Army Civilians

What does GFIM need from Industry?

Industry Approach (Behavior)

- Innovation

- Flexibility

- Candor

Industry Capabilities

- Cross Domain Solution (Bi-directional)

- Configuration Management Tools

- Data Management Tools

- Intellectual Property Management

- https://www.eis.army.mil/programs/gfim

Questions?

The Army relies on PEO EIS

Connecting the Army.
Working for Soldiers.

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