

# Army Real Property Investment

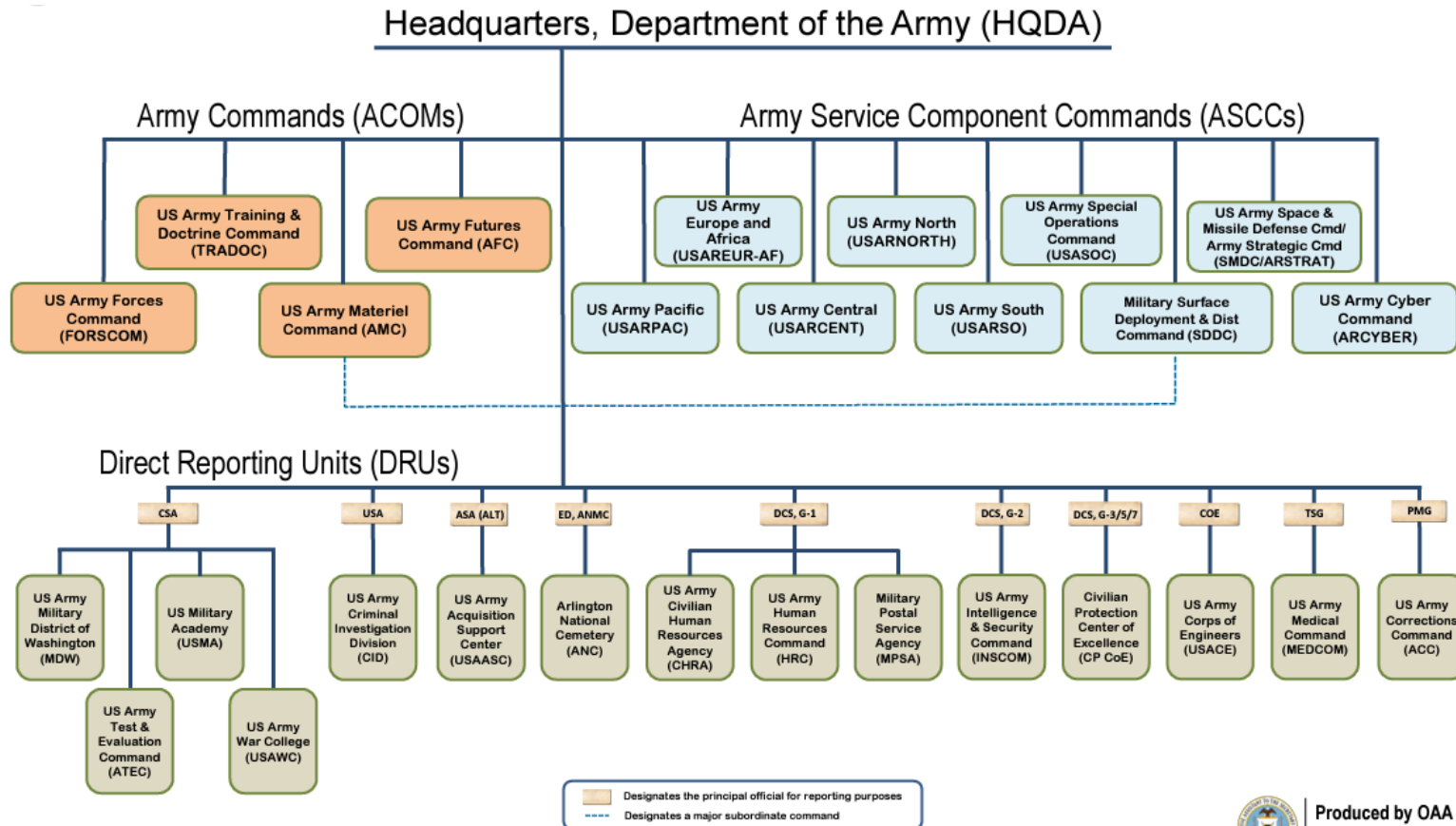
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**Office of the Deputy Chief of Staff, G-9 (Installations)**  
**10 Jan 2024**

## **G-9 Mission**

The DCS, G-9 leads integration across the Army enterprise to modernize installations, enhance quality of life, and develop and implement policies, plans, and programs that enable the Army to recruit, train, deploy, fight, and win.

## **G-9 Vision**

Dedicated professionals driving excellence across the Army Installations Enterprise to support Soldiers, families, and Army civilians wherever they train, work, and live.



Produced by OAA  
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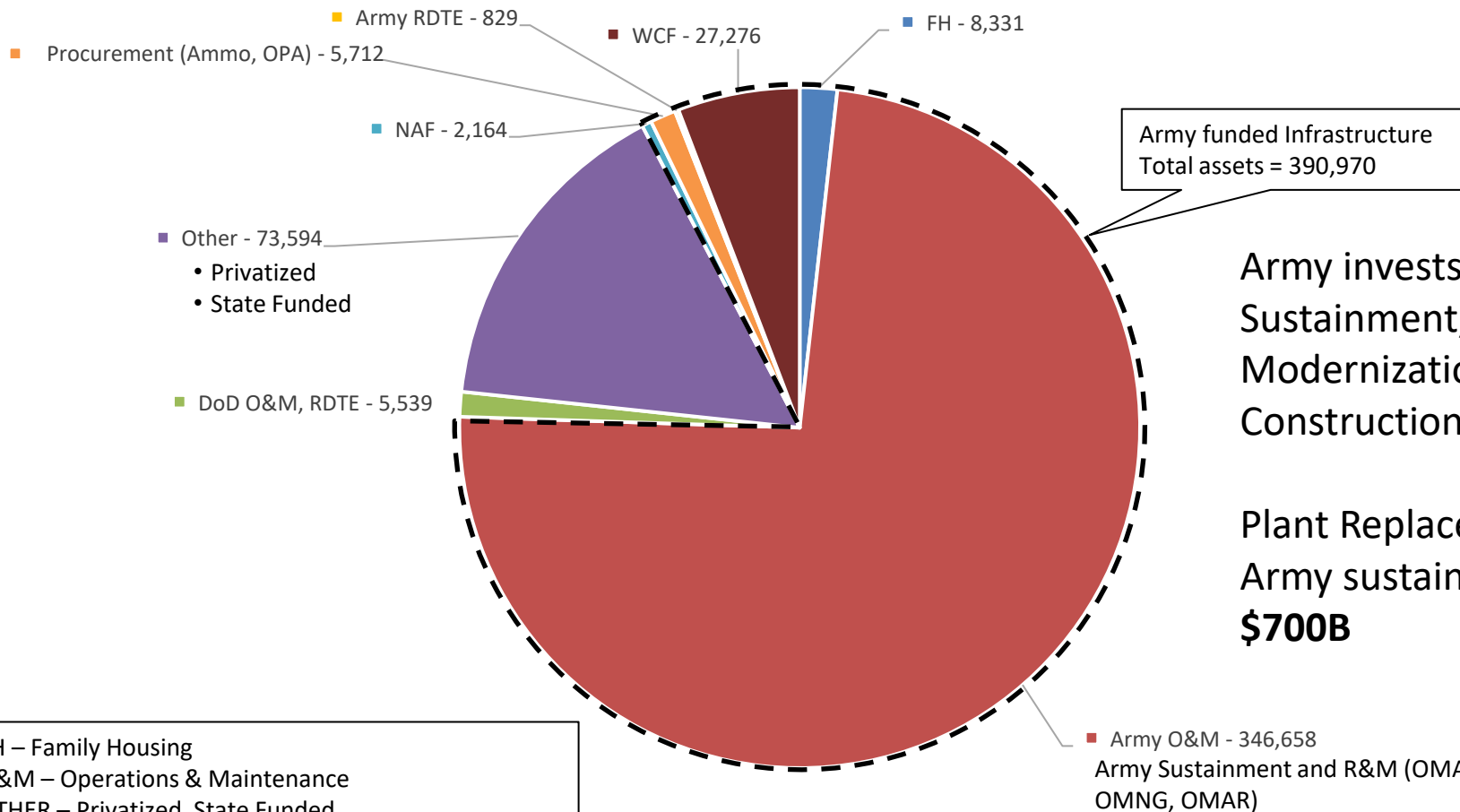
## Army End Strength per NDAA 24

Active – 445k

Army Reserve – 175k

Army National Guard – 325k

## Army Accountable Asset Total (470K)\*



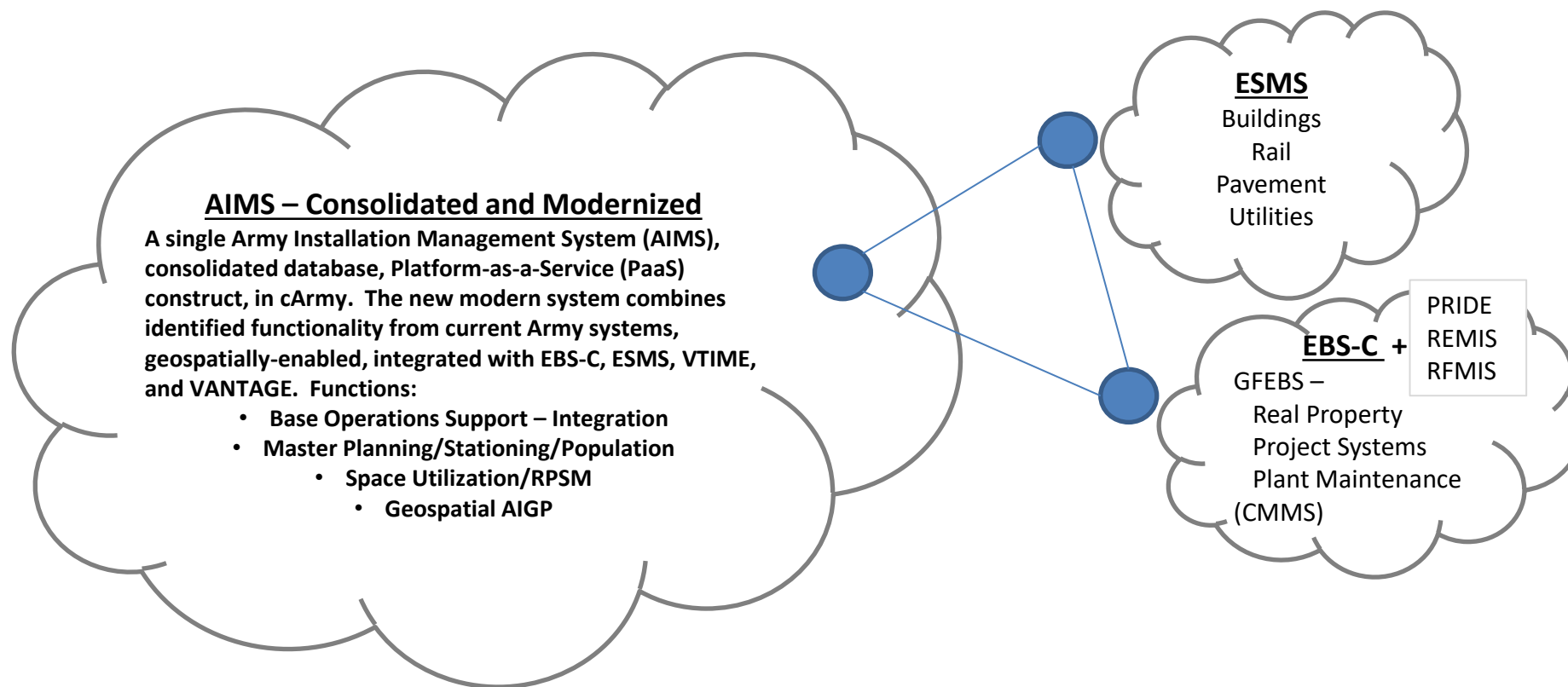
Army invests over **\$10B** in Sustainment, Restoration & Modernization, and Construction.

Plant Replacement Value for Army sustained assets over **\$700B**

\* Asset count does not include Land assets (**14 million acres**)

FH – Family Housing  
O&M – Operations & Maintenance  
OTHER – Privatized, State Funded  
NAF – Non-Appropriated Fund  
Procurement – OPA, Ammo  
RDT&E – Research Development Testing & Evaluation  
WCF – Working Capital Fund

Asset Management requires electronic interface of real property inventory, facility condition and functionality assessments, and master planning/utilization; critical for managing facility investment



AIMS – Army Installation Management System; G9 proposed consolidation of RP databases

ESMS – Enterprise Sustainment Management System

EBS-C – Enterprise Business Systems – Convergence

RPSM – Real Property Space Management

VTIME – Virtual Toolbox for Installation Mission Effectiveness (VTIME)

AIGP – Army Installation Geospatial Platform

CMMS – Computerized Maintenance Management System

PRIDE – Planning Resource for Infrastructure Development and Evaluation

REMIS – Real Estate Management Information Management System

RFMIS – Rental Facilities Management Information System

GFEBS – General Fund Enterprise Business System



## Enterprise Sustainment Management System (ESMS)

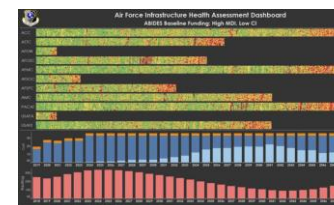
- Consolidated platform for facility assessment, performance modeling, and forecasting investment for all real property domains
- Aggregates key performance metrics and work needs across entire asset portfolio
- Comprehensive view of mission readiness and operational risks

## Developments

- Transition to ESMS platform FY24
- Develop and consolidate all Domains
- Build out Functionality assessments
- Incorporate Preventative Maintenance aspect of Sustainment



2023 Release II:  
Predictive Analysis  
SMS BUILDER Parity



2025 Release III:  
Prescriptive Analysis  
Optimization



**OVERVIEW:** The Real Property Space Management (RPSM) Program is responsible for implementing the online Real Property Space Availability (RPSA) Tool for automating space utilization. RPSA is a congressionally funded tool that looks and functions like a commercial multiple listing service (MLS). It allows participating installations to “list” a subset of their real property assets in a searchable format, including the terms and conditions in which they can be made available to other users.

## MISSION

Provide HQDA with an automated and integrated approach to improve utilization and consolidation of existing Army real property assets and leases to create organizational efficiencies and cost savings.

## VISION

Provide innovative automation solutions to decision makers to modernize and streamline enterprise-wide real property planning.

## GOALS

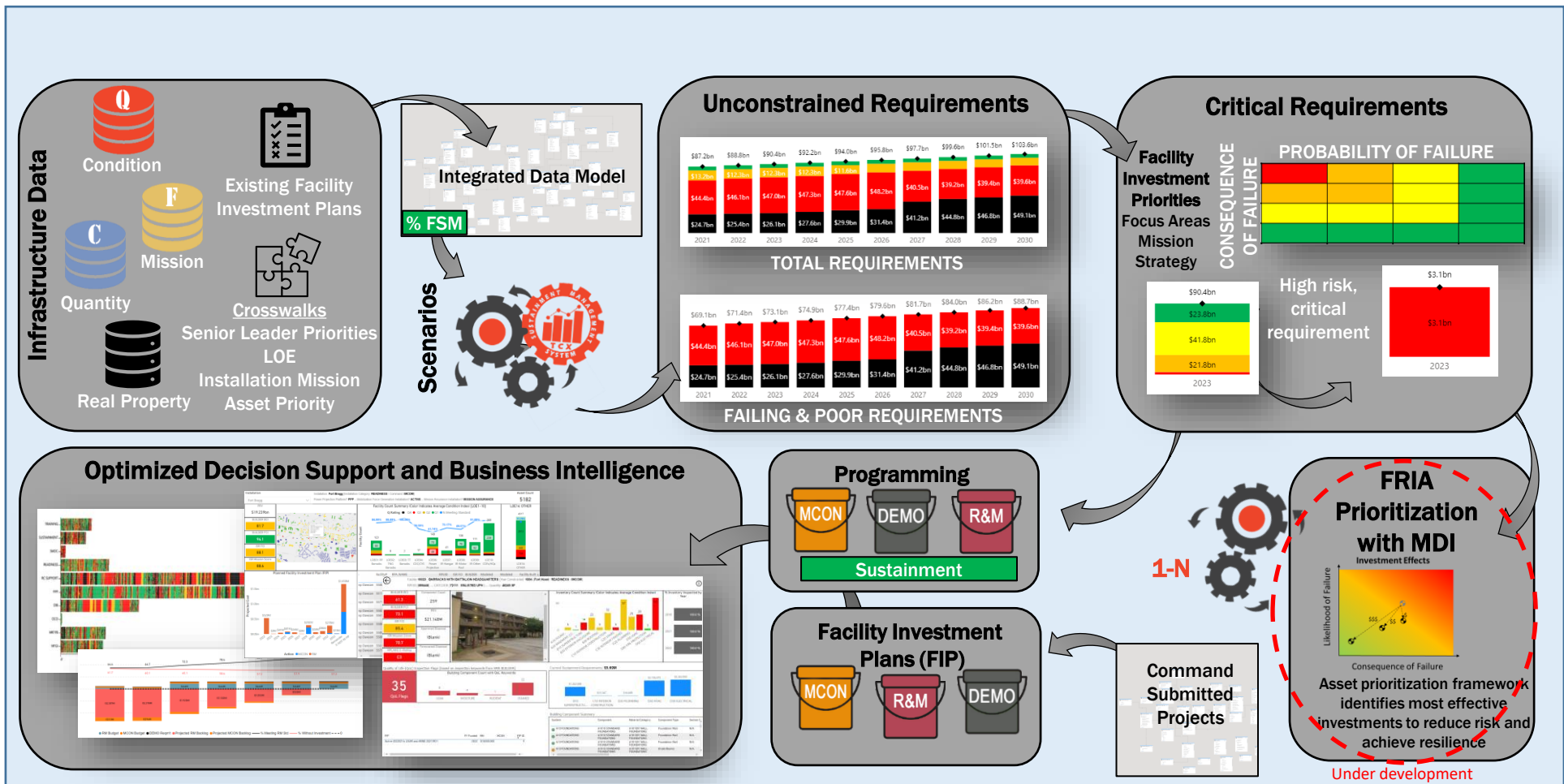
1. Improve real estate property management consistent with the National Defense Strategy goal of finding greater efficiencies within Department of Defense (DoD) operations
2. Improve HQDA's ability to modernize and streamline base operations, functions, processes, and services through innovation
3. Reduce military construction (MILCON) requirements
4. Decrease off-post leases by improving utilization of existing Army real property assets and leases

## PARTICIPATING INSTALLATIONS

1. Rock Island Arsenal, IL
2. Fort Knox, KY
3. Fort Moore, GA
4. Redstone Arsenal, AL
5. Devens Reserve Forces Training Area, MA
6. Fort Meade, MD
7. Fort Novosel, AL
8. Detroit Arsenal, MI
9. White Sands Missile Range, NM
10. Parks Reserve Forces Training Area, CA



FIA is a decision support tool helping Army program facility investments and inform prioritized project development based on guidance from Army Senior Leaders (ASL) and risk prioritization analysis.



Source: U.S. Army Corps of Engineers (USACE) Construction Engineering Research Laboratory (CERL)

- OSD Full Financial Audit – Real Property Mission Area is improving accuracy of RP inventory
- Systems modernization:
  - EBS-Convergence effort for enhanced Real Property Accountable Property System of Record that leverages geospatial technology
  - CMMS that incorporates Building Information Model data and interfaces with ESMS
- Development and implementation of ESMS to optimize facility investment
  - Assess all facility types (Domains); knowledge-based assessment intervals, use technology
  - Interface with CMMS to update completed work items
  - Develop functionality assessment and costs (modernization)
  - Optimize facility investment (Sustainment, R&M, Recapitalization) at the asset level; incorporate Preventive Maintenance/Services in ESMS generated costs
  - Incorporate Mission Dependency Index (MDI) for prioritization
- Address facility shortages by optimizing utilization and reuse of existing facilities - RPSA
- Prescriptive optimization and prioritization of facility investments




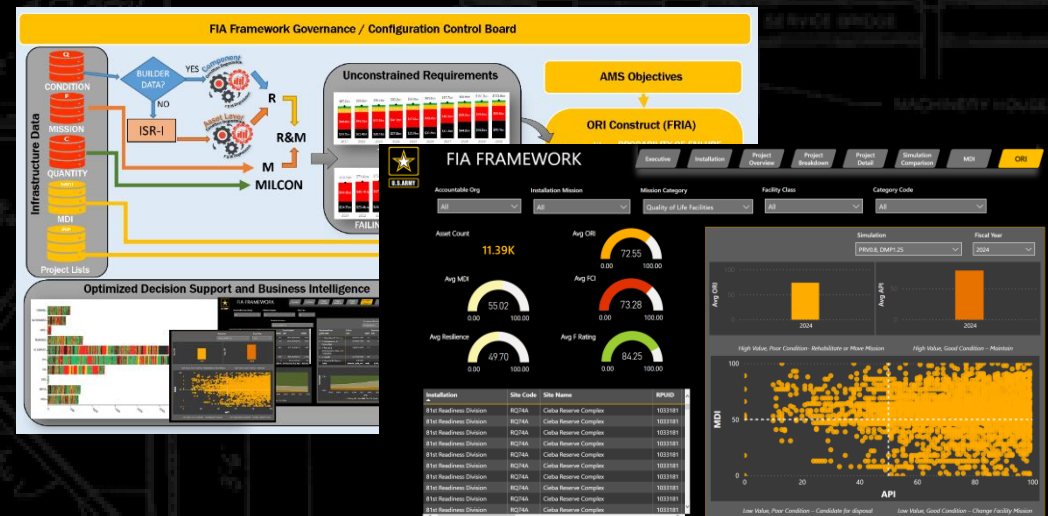
# Questions?

**DCS, G-9: Driving excellence across the Army Installations Enterprise**

# • Army Mission Dependency Index (MDI) Overview

• 10 October 2023

 <b>MISSION DEPENDENCY INDEX</b>					
<b>MDI</b>		Question 1 <b>INTERRUPTABILITY</b> How fast would the mission be impacted if the asset's operations were interrupted?			
		IMMEDIATE < 15 minutes	BRIEF < 24 hours	SHORT < 7 days	PROLONGED > 7 days
Question 2 <b>REPLICABILITY</b> How difficult would it be to relocate the asset's mission capabilities?	IMPOSSIBLE	100	88	76	64
	EXTREMELY DIFFICULT	92	80	68	56
	DIFFICULT	84	72	60	48
	POSSIBLE	76	64	52	40



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