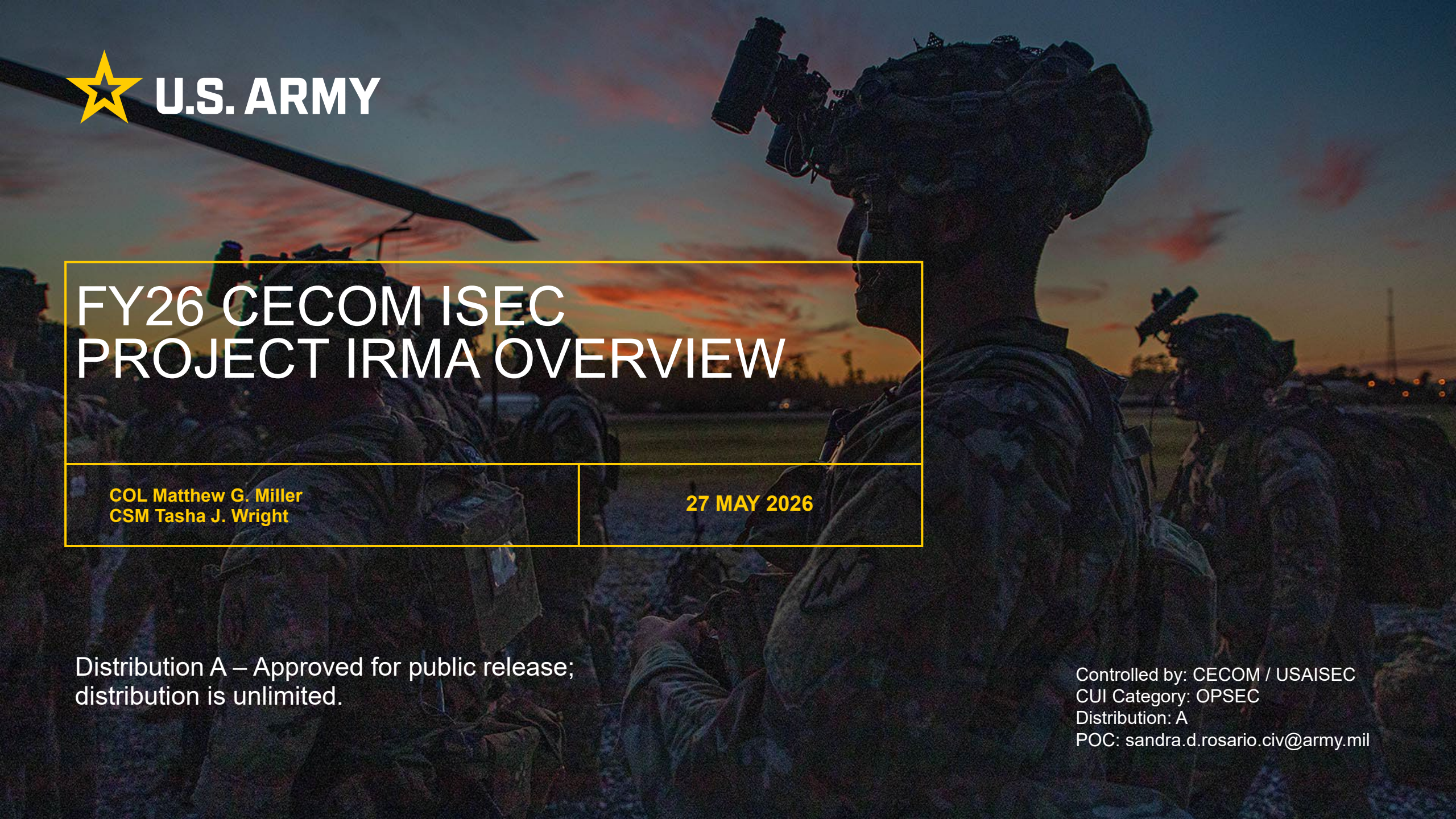


U.S. ARMY

FY26 CECOM ISEC PROJECT IRMA OVERVIEW

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27 MAY 2026

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CUI Category: OPSEC
Distribution: A
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ISEC ARMY INSTALLATION RESILIENCY INITIATIVE

SECURE IT/OT = MISSION ASSURANCE + FORCE PROJECTION

ISEC FDED
IT FOR MILCON
MCA & SRM Planning, Programming, Validating, & Implementing IT Components

ISEC FDED / ICED
FACILTIES MODERNIZATION
- HVAC, Power, Emergency Systems
- Facility Cable Pathways
- Life Safety, Fire Protection
- Smart Grid Integration

ISEC DSED/NCRED
C2 INFRASTRUCTURE IMPLEMENTATION
- Multi-level/multi-domain solutions
- Red/Black separation, SCIFs
- Telecommunications Rooms (TRs)
- Data centers, & operations centers

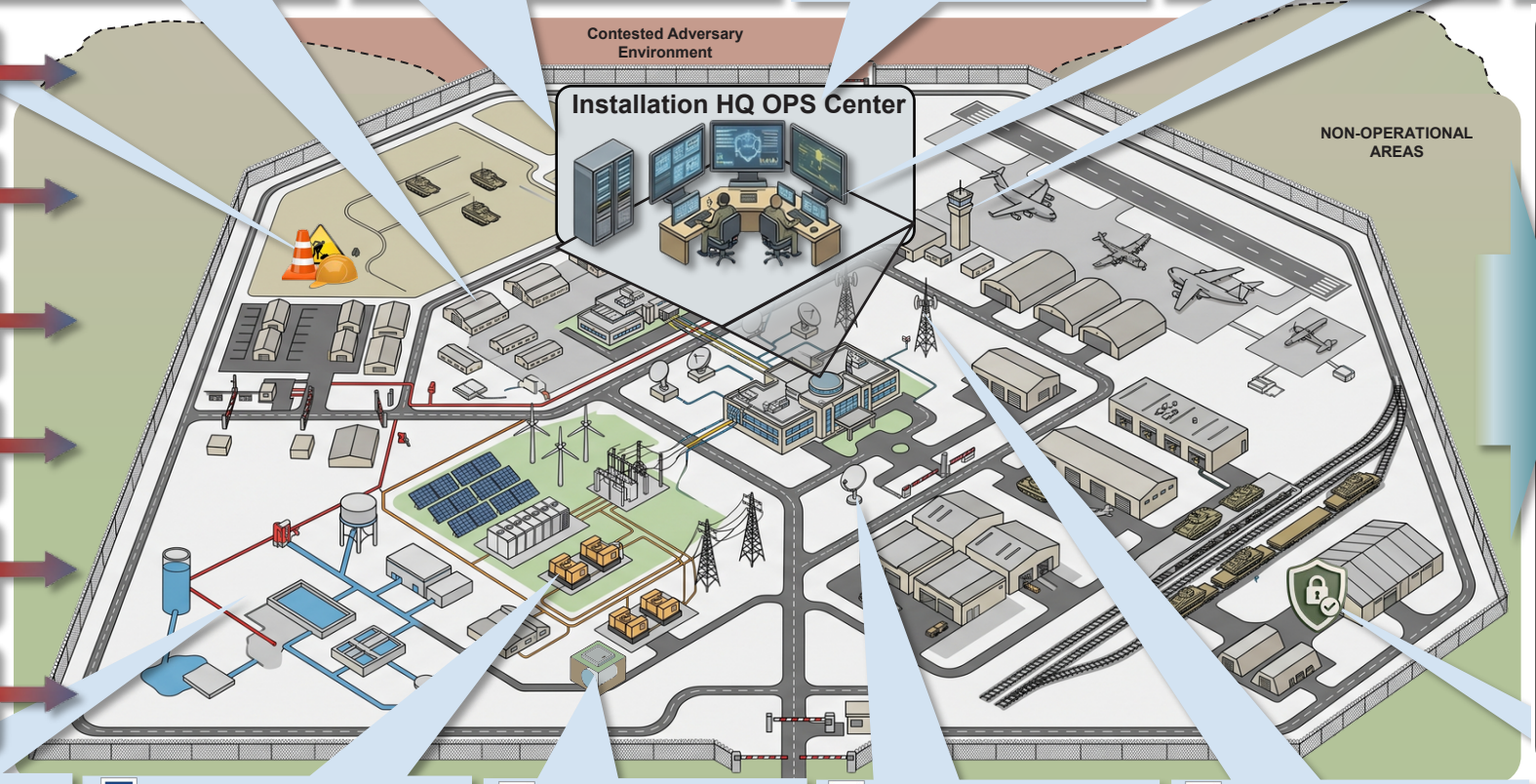
ISEC DSED/NCRED
COGNICENT C2 ENGINEERING
- Audio, video, lighting control
- Access control systems
- Small – Large Scale Display Systems

ISEC DSED
DATA SCIENCE INTEGRATION
- AI tools & Data Analytics Integration (Asset Mapping)
- Enterprise visualizations
- Deliver Non-Intrusive Monitoring

ISEC FDED
AIR TRAFFIC CONTROL SYSTEMS
- Lifecycle Engineering & Management
- Plant-in Place Records

ARMY INSTALLATION OT CHALLENGES (Threat Landscape)

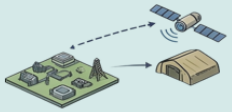
- LEGACY SYSTEMS & AGING INFRASTRUCTURE
- IT/OT INTEGRATION ISSUES
- CYBERSECURITY VULNERABILITIES
- LACK OF THEATER-WIDE VISIBILITY
- OPERATIONAL IMPACT OF FAILURES
- COMPLIANCE GAPS



IMPACT & ROI: ARMY TRANSFORMATION



STRENGTHENS STRATEGIC FORCE PROJECTION & PRECISION SUSTAINMENT



DATA ADVANTAGE FOR RAPID INFORMED DECISION MAKING

SECURES CRITICAL INFRASTRUCTURE FOR RELIABLE TRAINING, MOBILIZATION, & SUSTAINMENT

EMPOWERS SEAMLESS INTEGRATION OF ADVANCED TECHNOLOGIES

REDUCED SOLDIER RISK & LIFECYCLE COSTS

ISEC ICED
IT / OT VULNERABILITY ASSESSMENTS
- Continuous Monitoring
- Defense-in-Depth
- Securing Legacy Systems without replacement

ISEC ICED
ENGINEERING IT / OT SYSTEMS
- FRCS, ICS Hardening & Modernization
- Implementing Zero Trust Architecture

ISEC FDED/ICED
INSIDE + OUTSIDE PLANT
- Fiber / Copper / Hyrid
- Survey, engineering, implementation, quality control

ISEC NCRED
SATCOM
- Implementation oversight & troubleshooting for commercial & military satellite communications

ISEC NCRED/FDED
VOICE SYSTEMS
- Design, analyze, test, troubleshoot, & integrate TDM + IP-based voice systems
- Base Emergency Communications

ISEC CSD
COMSEC
- Secure, Reliable, and Efficient Communications Enabler
- Compliance + Governance

INSTALLATION RESILIENCY MISSION ASSURANCE

DRIVING GARRISON READINESS & POWER PROJECTION

7. Enterprise Layer
(e.g., ERP System, Reporting)

6. Common Transport Network
(e.g., Army WAN / LAN)

5. Industrial DMZ
(e.g., Garrison Management)

4. Operations
(e.g., Garrison Management)

3. Supervisory Control
(e.g., SCADA, HMI)

2. Physical Process Control
(e.g., PLCs, RTUs, SIS)

1. Physical Process
(e.g., Generators, Utilities, Cameras)

IT

OT

ENTERPRISE INTEGRATION PLATFORM

AI & ML INTEGRATION

ARMY VANTAGE DATA ANALYTICS PLATFORM

(GN) DATALAKE

DOWIN-A

DATA TRANSPORT

AGUN / ARSS INTERFACE

ZT SENSOR DATA COLLECTION

Garrison HMI & HISTORIAN

GIANT VOICE

Power / Gas Meters

Smart Meters

CCTV FEED

AVNS

Valve Monitors

Temperature Sensors

Barracks

COMMAND CENTER

POWER PLANT

BARRACKS

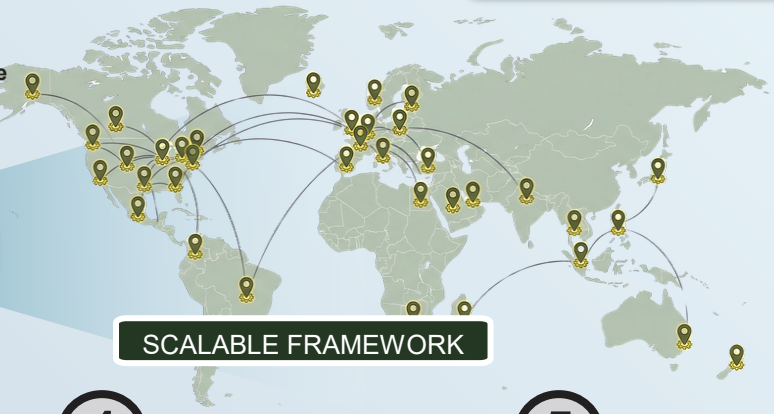
REPRESENTATIVE ARMY INSTALLATION
(Staged deployment - Huachuca)



FLAGGING SECURITY CONCERNS
- Unscheduled Intrusion
- Perimeter Breach
- Anomalies

IDENTIFYING EXCESS POWER CONSUMPTION
- Building Efficiency
- Peak Demand
- Asset Health

PROVIDING VITAL SPENDING INSIGHTS
- Optimized Maintenance
- Resource Allocation
- Cost Reduction



SCALABLE FRAMEWORK

1 **Q3 FY26**
Assess current IR/Layered Protection capabilities & resources

2 **Q4 FY26**
Design & develop integrated ERP-LITE sensor platform

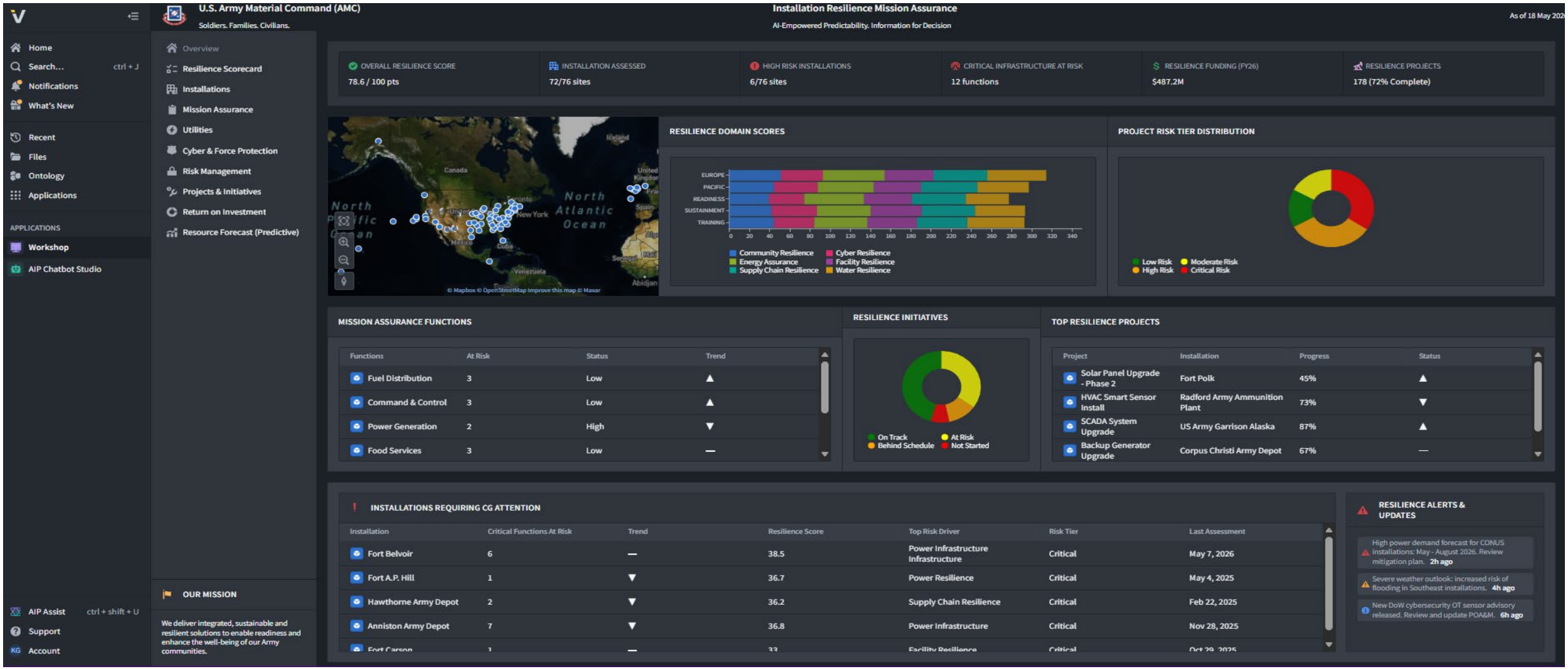
3 **Q1 FY27**
Deploy pilot at Ft. Huachuca; integrate Layered Protection Portfolio

4 **Q2 FY27**
Expand to trial garrisons; maximize funding & manpower efficiency

5 **Q3 FY27**
Sustain, evolve, and align with Army modernization

IRMA VANTAGE ENTERPRISE DASHBOARD

SECURE IT/OT = MISSION ASSURANCE + FORCE PROJECTION



If you own authoritative data that will benefit the project, we would like to hear from you. Please send emails to: ISEC-AI@army.mil


U.S. ARMY