U.S. ARMY

PEO IEW&S 2024 Update

PEO
IEW&S
Program Executive Office
Intelligence, Electronic Warfare & Sensors

24 APRIL 2024
MR. KYLE PERKINS
CHIEF OF STAFF - PEO IEW&S

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PEO IEW&S

MISSION:
Deliver capability now through affordable and adaptable programs that pace the threat.

VISION:
Outpace the threat with technical excellence, adaptability and rapid solutions that support a broad range of operating environments.

Ensure Soldiers have the decisive edge by delivering modernized equipment at the right time in the right place and at the best value for our Nation.

What We Do

PM Aircraft Survivability Equipment (ASE)

Develop and field aircraft survivability systems to maximize survivability of Army aircraft without degrading combat mission effectiveness.

PM Cyber & Space (C&S)

Continuously develop and deliver foundational and offensive cyber capabilities in support of Army and Joint cyber efforts. Develop, acquire, and field innovative sensor technology to the tactical space layer

PM Defensive Cyber OPS (DCO)

Continually deliver world-class defensive cyber capability and integrated, innovative and cost-effective systems and services for the global cyber defender.

PM Electronic Warfare & Cyber (EW&C)

Acquire integrated Intel, EW, and Cyber capabilities to provide Spectrum and Cyberspace Superiority to enable freedom of maneuver on the Battlefield.

PM Intel Systems and Analytics (IS&A)

Support the Army's ISR mission for processing, exploitation, and dissemination (PED) of information and intelligence data across echelons.

Sensor And Sensor Processing Systems Across the PEO Portfolio Enable ISR, Intelligence Production, Integrated Base Defense, Force Protection

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PM Position, Navigation, & Timing (PNT)

PNT leads the Army in developing and integrating PNT technology and collaborates with the other DoD Services to deliver interoperable, reliable products.

PD Sensors Aerial Intelligence (SAI)

Develop, acquire, field, and supply life cycle support to modernized, integrated, and tactically relevant aerial ISR sensor and sensor processing payloads.

PM Terrestrial Sensors (TS)

Provide sensors for enhanced situational awareness and decisive action and Integrated Base Defense

PD Tactical Exploitation of National Capabilities (TENCAP)

Enable the Army to rapidly exploit and influence national capabilities and architectures to conduct advanced development and rapid prototyping to enhance and inform Army capabilities and CONOPS to pace the threat

PEO IEW&S Integration Directorate

Develop system architectures, threat and gap analyses, open standards, S&T plans, and modeling and experimentation across the portfolio in support of the CFTs, AFC, ISR TF, and IEW&S strategic growth.

IEW&S Operational View

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PEO IEW&S

NESO

HADES

MFEW Air Large

ISR

EWPMT

ALE/GLE Small

ALE/GLE Large

CIRCM
CMWS/LIMWS
RWR
LDS
ITDS

UAV

S2AS

XX

3GEN FLIR

TLS BCT

INFANTRY

ARMOR

EW

SAM

SAM

SAM

RADAR

ARTILLERY

MRL

RADAR

THREAT AREA

TLS EAB

XX

MEMSS

TITAN

FLOT

AIDP – Army Intelligence Data Platform
ALE – Air Launched Effects
ABIS – Automated Biometric Identification System
BAT-A – Biometrics Automated Toolset – Army
BCT – Brigade Combat Team
CIRCM – Common Infrared Countermeasure
CMOSS – Command, Control, Communications, Computers, Cyber, Intelligence, Surveillance, Reconnaissance (C5ISR)/ Electronic Warfare Modular Open Suite of Standards
CMWS – Common Missile Warning System
EAB – Echelons Above Brigade
EW – Electromagnetic Warfare
EWPMT – Electronic Warfare Planning & Management Tool
FLOT – Forward Line of Troops
GLE – Ground Launched Effect
HADES – High Accuracy Detection and Exploitation System
ITDS – Improved Threat Detection System
JCAP – Joint Common Access Platform
LDS – Laser Detection System
LIMWS – Limited Interim Missile Warning System
MEMSS – Modular Electromagnetic Spectrum System
MFEW – Multi-Function Electronic Warfare
MRL – Multiple Rocket Launcher
NESO – NAVWAR EW Systems Overhead
PNT – Position Navigation Timing
RWR – Radar Warning Receiver
S2AS – Spectrum Situational Awareness System
SAM – Surface to Air Missile
TITAN – Tactical Intelligence Targeting Access Node
TCE – Tactical Cyber Equipment
TLS – Terrestrial Layer System
TRAC – Tactical RF Application Chassis
UAV – Unmanned Aerial Vehicle

MULTI DOMAIN INTELLIGENCE - FOUNDATIONAL

Project Linchpin
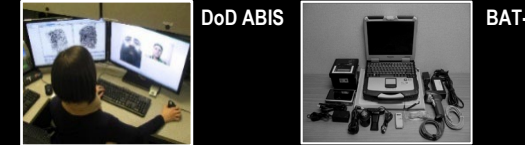TITAN
Intel Apps
AIDP

OFFENSIVE CYBER

TRAC

TCE

JCAP

APNT / NAVWAR

CMOSS PNT Card

Mounted APNT

Dismounted APNT

BIOMETRICS

DoD ABIS

BAT-A

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PEO IEW&S

Army Modernization

Organizational Agility

Talent Management

Customer Driven

OUR CULTURE, TRADECRAFT AND OVERALL AGILITY IS THE FOUNDATION FOR FUTURE SUCCESS

- Organize for the future and be adaptable to inevitable changes
- Complex and diverse portfolio yet many cross-cutting efforts
- Balance modernization requirements with technologies

YEAR 1-2

- Understand how we must evolve to better posture PEO IEW&S for the future.
- Implement innovative acquisition and contract strategies focused on competition, emerging technologies and the threat.

YEAR 3-5

- Continue to leverage acquisition authorities / advocate changes.
- Integrate lessons learned across the portfolio to gain efficiencies.

<<< CONTINUOUS ASSESSMENT OF THE FUTURE >>>

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PEO IEW&S

ACQUISITION APPROACHES

- Software Pathways
- Middle Tier Acquisition

Enablers:
- Open Architecture/MOSA/UDRA
- User/Developer Teams & Soldier Touchpoints
- DEVSECOPS / Test & Evaluation
- BA-08

ORGANIZATIONAL AGILITY

CONTRACTING

- Modular contracting and/or multiple award contracts (MATOCs)
- Other Transaction Authority
- Rapid AI Procurement for National Security
- Digital Capabilities Contracting Center of Excellence
- Small Business Innovation Research (SBIR) / Small Business Technology Transfer (STTR)

WORKFORCE

- Source, retain and optimize talent
- Engage the workforce
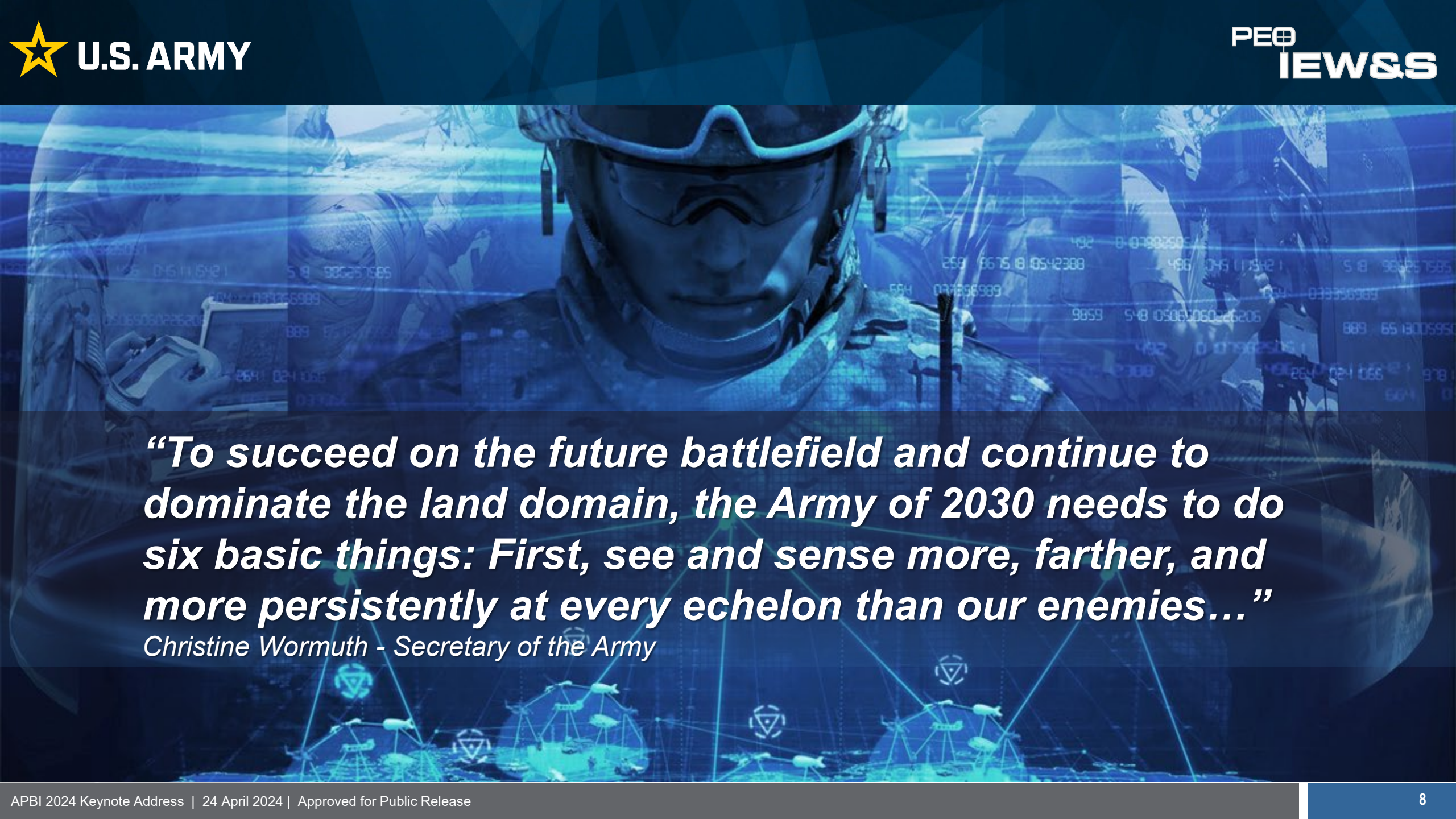- Train and develop

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Come see us at the following:

- Virtual PEO IEW&S Hosted ALT Sessions to Provide:
  - Next ALT Industry Day will be held in September (Date is TBD)

- Upcoming PEO IEW&S Program Industry Days:
  - To be announced

- Upcoming PEO IEW&S Industry Engagement:
  - Quad A Summit (Denver, CO): April 24-26
  - CEMA Conference (APG, MD): April 30 – May 2
  - AFCEA Belvoir Industry Days : May 13-15
  - AFCEA DC Luncheon (DC): May 23
  - Technical Exchange Meeting #12 (Philadelphia, PA): May 29-30
  - AISE Industry Day (Springfield, VA): June 4
  - C4ISRnet (Virtual): June 5
  - PALLAS (DC): June 7
  - AFCEA TechNet (Augusta, GA): August 19-22
  - ASE Symposium (Huntsville, AL): September 16-17

Any questions on the above events should be directed to the PEO IEW&S Public Affairs Officer, Mr. Brandon Pollachek, brandon.j.pollachek.civ@army.mil

"To succeed on the future battlefield and continue to dominate the land domain, the Army of 2030 needs to do six basic things: First, see and sense more, farther, and more persistently at every echelon than our enemies…"

Christine Wormuth - Secretary of the Army