



Distribution Statement: A: Approved for Public Release

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Mission: Develop, field, and sustain Defensive and Offensive Integrated Fires Capabilities in support of all phases of Joint- and All-Domain operating environments by 2030 and continuing beyond.

Vision: PEO MS supports the Fires Enterprise with an aligned organization that is agile, versatile, efficient, and responsive, centered around an empowered and professional acquisition workforce. We remain an indispensable acquisition leader in streamlined processes and innovative solutions to deliver integrated offensive and defensive fires material solutions to the Warfighter and our allies/partners to defeat the threats.

Message from the Program Executive Officer

The central challenge facing the United States today is the reemergence of long-term, strategic competition by near-peer competitors, coupled with rapid technological advancements, the changing character of war, and the lack of U.S. dominance in all operating domains. The Army is modernizing key capabilities, updating its doctrine, and realigning its organizational design in order to field a force capable of conducting Multi-Domain Operations (MDO) in one theater by 2028 and in multiple theaters by 2035.

PEO Missiles and Space initiated organizational and workforce changes, by realigning our portfolio to provide a rapid and iterative approach to capability development that reduces cost, technological obsolescence, duplication effort, and acquisition risk. The realigned portfolio increases the speed of delivery, enables design tradeoffs in the requirements process, expands the role of Warfighters throughout the acquisitions process, and uses non-traditional suppliers. This approach – a major departure from previous practices and culture – allows for rapid response to changes in the operational environment and complicates competitors' abilities to offset our systems.

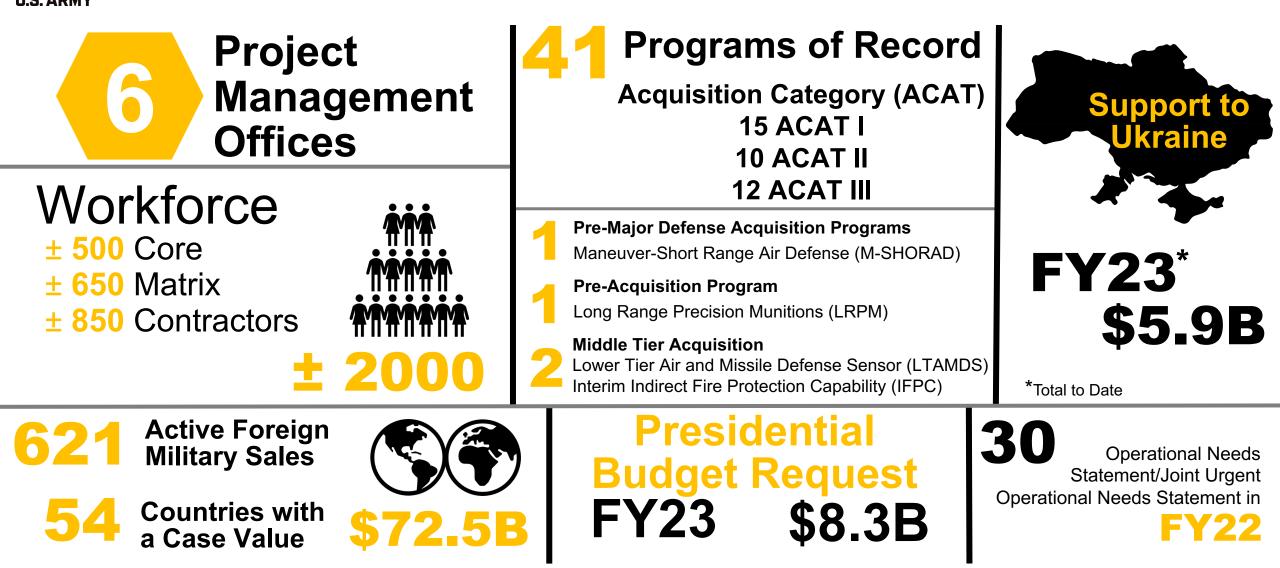
Moving forward, PEO Missiles and Space will continue to improve operations to better meet the needs of the nation and the objectives of the Army. This strategy details the path we will take and how we will prioritize our efforts to achieve our Vision and accomplish our Mission.



BG Frank Lozano United States Army Program Executive Office Missiles and Space











Delivering

Environment for success

Align PEO MS to deliver an Integrated and Interoperable Joint Force by FY30 capable of fighting and winning Multi-Domain Operations

With innovative and agile teams (including industry, laboratories and academia) to provide solutions/options that meet Warfighter demands when they need it, where they need it

Continuous experimentation and prototyping with Soldiers to inform requirements

Ensuring Allied Interoperability

Managing Talent

Offensive and Defensive Fires capabilities

Common interface as a point of integration/interoperability

Force protection through integration of Joint/Army planning and targeting process

Integrating Sensors between Army and Joint to achieve a single combined picture for the commander

Integrating

Fires across all Domains

Compete: Long Range Anti-Access and Area Denial Systems (PEO MS Portfolio)

Converge Mission Command: Rapid and Continuous Integration of Warfighter Functions across all Domains (Time, Space, and Capabilities) to overmatch the enemy (Army IBCS)

Survive: In Operational Denied Environments (SuReX and CEMA Test bed) Integrate Offensive and Defensive Fires Integrated Fires Test Campaign

Develop systems that facilitate Integrated Fires to Commanders

Delivered by a military and civilian workforce founded on innovation and acquisition excellence.



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SUPPORT TO UKRAINE





PEO MS Support to Ukraine

- ~\$5.2B total as of PD 42
- ~\$3.9B total in USAI funding to date
- 55 Third Party Transfers (TPT) of PEO MS commodities and training to Ukraine

Systems Provided

- Stinger/Gripstock
- Javelin/CLUs
- Switchblade 300
- HIMARS
- GMLRS
- TOW 2B/ITAS
- Q-64 A3 Sentinel

- AN/TPQ-36 Firefinders
- Avenger
- GEM/GEM-C/GEM-T
- PAC-2 / PAC-3
- PATRIOT (Q-65Fire, ECS, Launchers, EPP, SRPT, spares)



PEO MS has provided ~\$9.1B in capability and services through PD42 & USAI.











Systems Provided

- AN/TPQ-36 Firefinder Radar
- AN/TPQ-37 Firefinder Radar
- AN/TPQ-50 Lightweight Counter Mortar Radar (LCMR)
- AN/TPQ-53 Radar
- ATACMS
- ATM Missile
- Counter Unmanned Aircraft **Electronic Warfare System** (CUAEWS)
- DIGITAL Missile
- FAAD C2
- GMLRS
- Gripstock
- Guidance Enhanced Missile (GEM)
 RRR P
- Guidance Enhanced Missile-Tactical
 SOJC Missile (GEM-T)
- HELLFIRE
- HIMARS LAUNCHER
- Hydra Family of Munitions

- Integrated Battle Command System
- (IBCS)
- JAGM
- JAVELIN
- Javelin Command Launch Unit
- LCRRPR
- M26
- MLRS M270 Launcher
- NASAMS
- PAC-3 CRI Missile
- PAC-3 MSE Missile
- PATRIOT Fire Units
- PATRIOT Launcher
- Q64 Sentinel
- Stinger Missile
- Switchblade
- TOW
- TOW Launcher



Albania

- Czech Republic Hungary Estonia Ireland
- Finland



ATACMS

• France

• Georgia

• Greece

• Germany

- Latvia
- Lithuania
 - Macedonia
 - Netherlands Sweden
 - Norway
 - Poland
 - Portugal
- Switzerland Ukraine

• Turkey

Spain

Romania

- UK

GMLRS



MLRS

PATRIOT

HIMARS

\$22,061,469,598

Countries Supported

(1,524 Active Case Lines)







SUPPORT TO INDOPACOM

PEO MISSILES AND SPACE | Any Warfighter - Anywhere - All The Time





Systems Provided

- AN/TPQ-53 Radar
- ATACMS
- ATM Missile
- Avenger
- FAAD C2
- GMLRS
- Gripstock
- Guidance Enhanced Missile (GEM)
- Guidance Enhanced Missile-Tactical (GEM-T)
- HELLFIRE
- Hydra Family of Munitions
- JAVELIN
- Javelin Command Launch Unit

- LCRRPR
 M26

 - MLRS M270 Launcher
 - PAC-3 CRI Missile
 - PAC-3 MSE Missile
 - PATRIOT Fire Units
 - PATRIOT Launcher
 - RRRP
 - Stinger Air-to-Air Launcher (ATAL)
 - Stinger Missile
 - Switchblade
- TOW
- TOW Launcher



(828 Active Case Lines)

Japan

S Korea

- Australia
- India
- Indonesia

- Singapore
- Taiwan
- New Zealand Thailand



IBCS



LTAMDS

16-Aug-23

12

\$13,717,472,741

PATRIOT

PrSM







SUPPORT TO CENTCOM







UAE

Systems Provided

- AN/TPQ-36 Firefinder Radar
- AN/TPQ-37 Firefinder Radar
- AN/TPQ-50 LCMR
- AN/TPQ-53 Radar
- ATACMS
- ATM Missile
- Avenger
- FAAD C2
- GMLRS
- Gripstock
- Guidance Enhanced Missile (GEM)
- Guidance Enhanced Missile-Tactical (GEM-T)
- HELLFIRE
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 - MLRS M270 Launcher
 - PAC-3 CRI Missile
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 - PATRIOT Fire Units
 - PATRIOT Launcher
 - RRRP
 - SOJC Missile
 - Stinger Air-to-Air Launcher (ATAL)
 - Stinger Missile
 - TOW

- Bahrain
 - Egypt • Jordan
- (1,085 Active Case Lines) Kuwait Pakistan

Countries Supported

- Afghanistan Iraq
 - Israel Lebanon
 - Qatar Oman
 - Saudi Arabia



M-LIDS



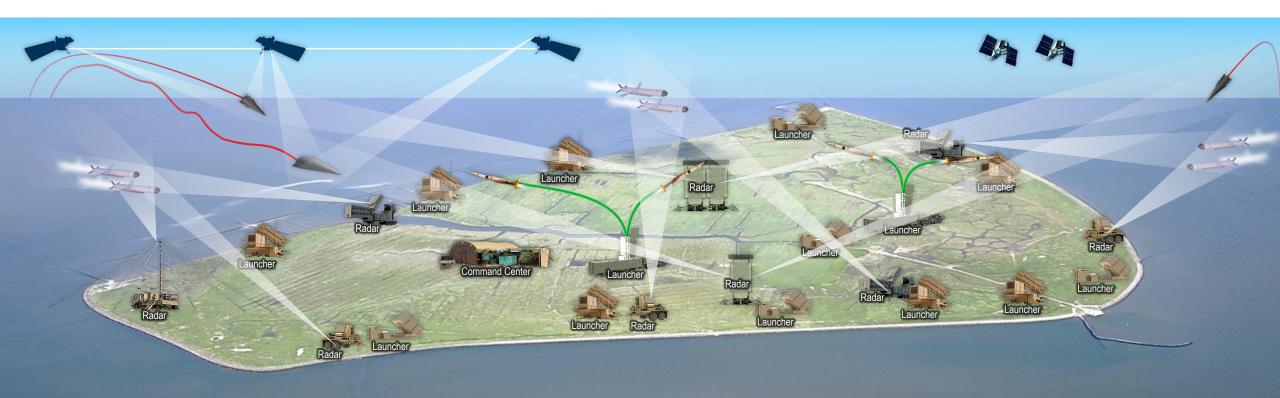




INTEGRATED FIRES







WARFIGHTER NEEDS:

- Persistent 360° IAMD layered defense against a broad range of threats
- Capability to fight organically
- Rapid Deployment using existing systems and existing programs of record

INTEGRATED FIRES:

- Shared sensor track data
- Integration into a joint command center to include missile, air defense and offensive fires
- Ability to integrate future capabilities

Component Architecture Allows for Rapid Modernization

QUESTIONS?



ORGANIZATIONAL ENVIRONMENT



HEADQUARTERS DEPARTMENT OF THE ARMY ARMY SERVICE ARMY DIRECT **COMPONENT COMMANDS REPORTING UNITS** COMMAND FORSCOM USARAF USARPAC **USACE MDW Army Future Command** USARCENT USASOC **USMA ATEC** AFC Бетсом USANORTH SDDC **INSCOM USAASC** Army Materiel Command AMC USARSOUTH USAREUR **USAWC** MEDCOM 4 **TRADOC** USASMDC ARCYBER HRC USACIDC FIRES **CHRA** ANC

CORGANIZATIONAL ENVIRONMENT





STRATEGIC ENVIRONMENT AND OUR ALIGNMENT



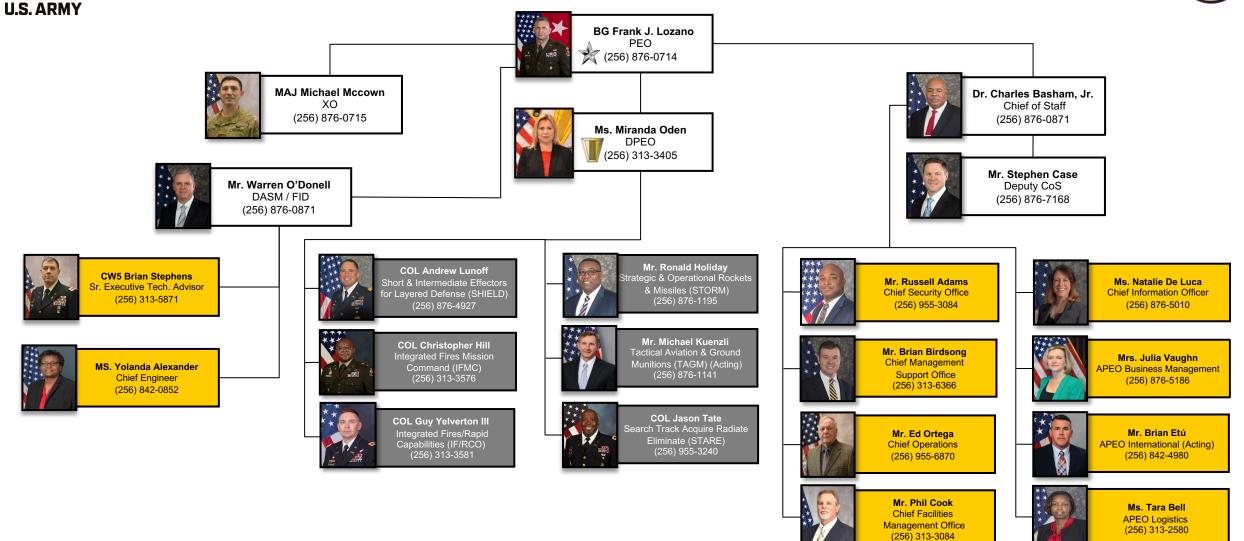
U.S. ARMY

Modernization Priorities 2020 Strategic Campaign To provide the Army the Long Range Precision Fires and Air and Missile Defense capabilities required to win in a Multi-Domain battlespace, PEO MS developed and is providing Warfighters integrated offensive and defensive fires capabilities that include, but not limited to six of the Army signature modernization programs: **Next Generation** Long Range **Combat Vehicle** Achieve interoperability and integration across Hypersonic **PrSM** defensive and offensive fires capabilities Weapons **Future Vertical** (LRHW) **IFPC High Power** Lift Microwaves Foster an environment that seeks innovative IBCS (HPM) solutions across industry, academia, and Long Range warfighters **Precision Fires** Mid-Range Capability (MRC) **M-SHORAD Air and Missile** Support the Fires Enterprise with an aligned IFPC High Defense organization that is agile, versatile, efficient, and **Energy Laser** responsive (HEL) IFPC Army Network **Directed Energy** (DE) Provide indispensable value to the warfighter, **MSHORAD** Soldier DoD, Congress, and our allies/partners LTAMDS Lethality

PEO MISSILES AND SPACE I Any Warfighter - Anywhere - All The Time







Integrated Air and Missile Defense Battle Command System (IBCS)

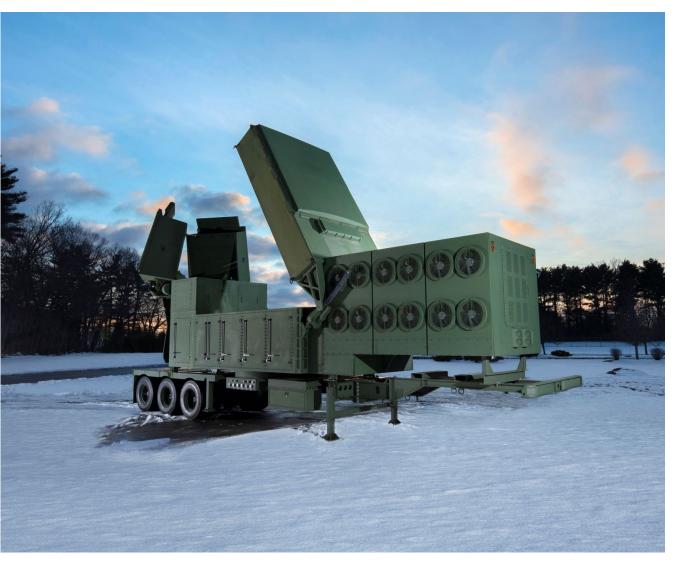


- Integrated Fire Control across 150 km battlespace for legacy and future AMD sensors and shooters.
- Enables Scalable and Tailorable Force Packages.
- Joint integration at all Army AMD echelons.
- Reduces training requirements and Logistics footprint.
- Completely Open Architecture system.



LOWER TIER AIR AND MISSILE DEFENSE U.S. ARMY SENSOR (LTAMDS)

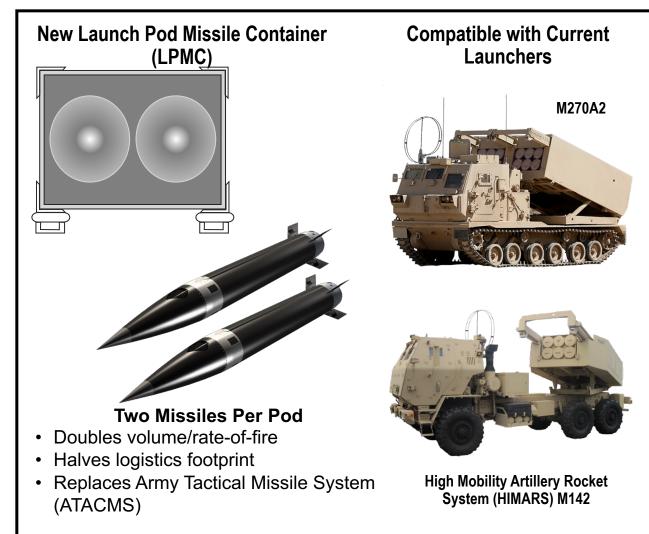




- Provides a significant increase in range and coverage capability over current PATRIOT Radar
- A Multi-Function Fire Control Radar providing a lower tier sensor to the Army Integrated Air and Missile Defense Battle Command System (IBCS)
- Tracks and engages Air Breathing Threats (ABT) and Tactical Ballistic Missiles (TBM)
- Precision Track (Fire Control Quality) / Surveillance
- ABT Non-Cooperative Target Recognition (NCTR)
- Acquire, track, and control PATRIOT Family of Interceptors.

PRECISION STRIKE MISSILE (PRSM) U.S. ARMY INCREMENT 1: BASELINE MISSILE



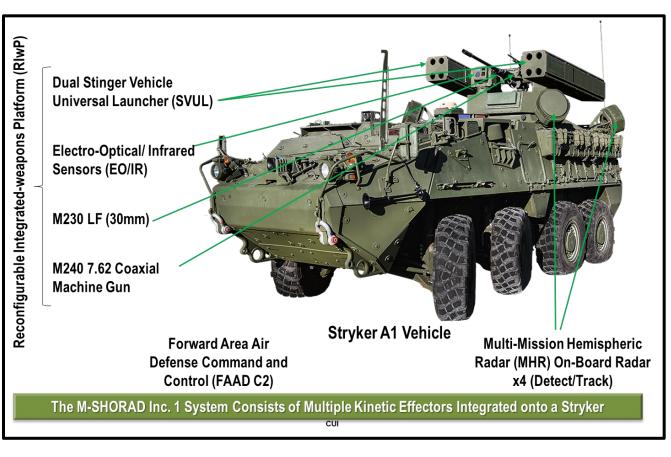


- 400+km ballistic missile with a cluster munition compliant payload
- Attacks critical and time sensitive area and point targets
- Maintains or improves accuracy in GPS degraded environments; plan for M-Code GPS integration
- An Insensitive Munition compliant system
- Launcher compatibility with MLRS M270A2 and M142 High Mobility Artillery Rocket System (HIMARS)
- Technology upgrades via Open Systems Approach
- Cyber survivability requirements identified in validated CDD



MANEUVER-SHORT RANGE AIR DEFENSE (M-SHORAD) Increment 1





- Uses an incremental acquisition approach to provide short range air defense capability at the Division
- Utilizes a mix of guns, missiles, and an onboard sensor -- integrated on a Stryker platform
- Protects maneuver forces by defeating, destroying, or neutralizing threat rotary-wing (RW), fixed-wing (FW), and unmanned aircraft systems (UAS) capabilities

M-SHORAD INCREMENT 3 NEXT GENERATION SHORT RANGE INTERCEPTOR



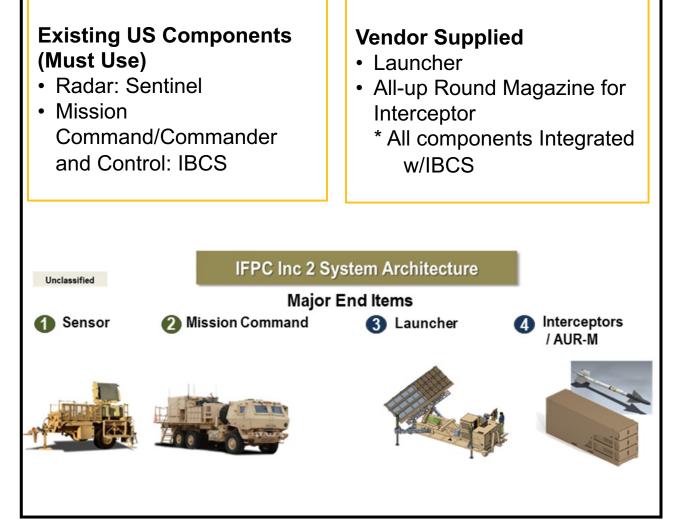


- Next Generation Short Range Interceptor is a new Soldier-portable missile that provides Short Range Air Defense for maneuver units. It supports M-SHORAD Inc 1 platforms and other future increments as determined by the Army
- Includes improved 30 mm ammo for Inc. 1 platforms providing added defense against threat Groups 1&2 UAS and self-defense capability against ground targets.



INDIRECT FIRE PROTECTION CAPABILITY





- A mobile, ground-based weapon system designed to defeat Cruise Missiles (CM), Group 2/3 Unmanned Aircraft Systems (UAS), Rockets, Artillery, and Mortars (RAM) and Other aerial threats.
- Uses Sentinel radar and IBCS for mission command functionality.
- Features a modular open system architecture to integrate future kinetic effectors to defeat Super Sonic CM, Large Caliber Rockets, and other Advanced threats.