

PROGRAM EXECUTIVE OFFICE MISSILES AND SPACE

Overview to HAMA



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Chief of Staff
9 December 2016



Program Executive Office Missiles and Space



MISSION

To Develop, Field, and Sustain Missile and Space Systems for the U.S. Army, Joint and Coalition Warfighters that Provide a Decisive Battlefield Advantage

What We Do:

- Centralized Management for All Army Tactical and Air Defense Missile Programs and Selected Army Space Programs
- Full Life-Cycle Management of Assigned Systems
- World Wide Support of Fielded Weapon Systems
- Key Link Between the User and Tech Base

What We Manage:

- Eight Project Offices
- 34 Programs of Record
- 27 ONS/JUONS Approved and in process
- International Cooperative Development Programs

VISION

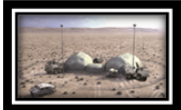
To be a Highly Efficient, Effective, Agile, and Innovative Warfighter - Focused Organization for Developing and Sustaining Missile and Space Systems

Workforce:
Government ~1100
Support Contractors ~790

FY17 President Budget
~ 4.8B

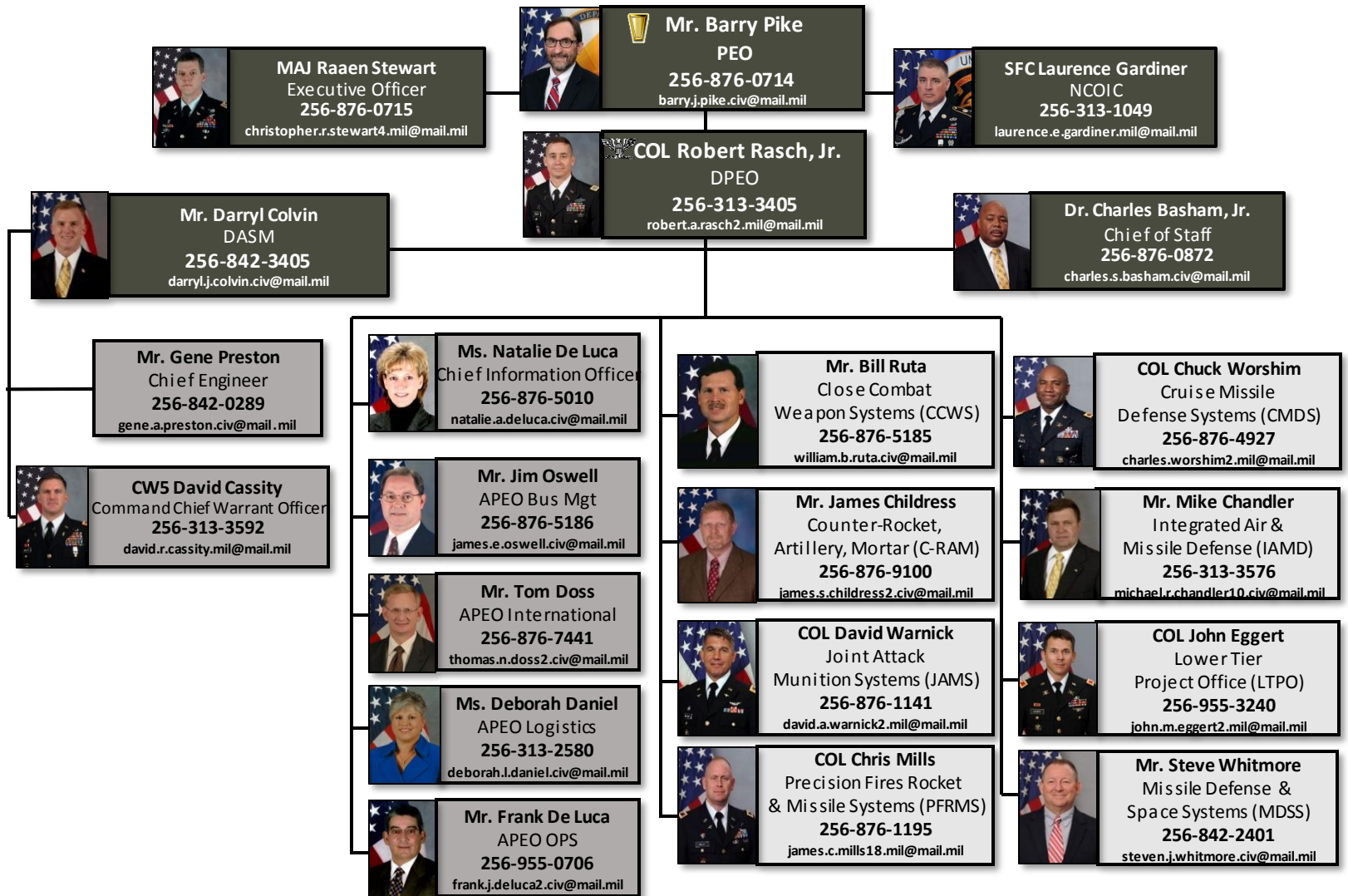
FMS: Total Case Value \$43.2B,
41 Countries

To Support the Warfighter





PEO Missiles and Space Organization





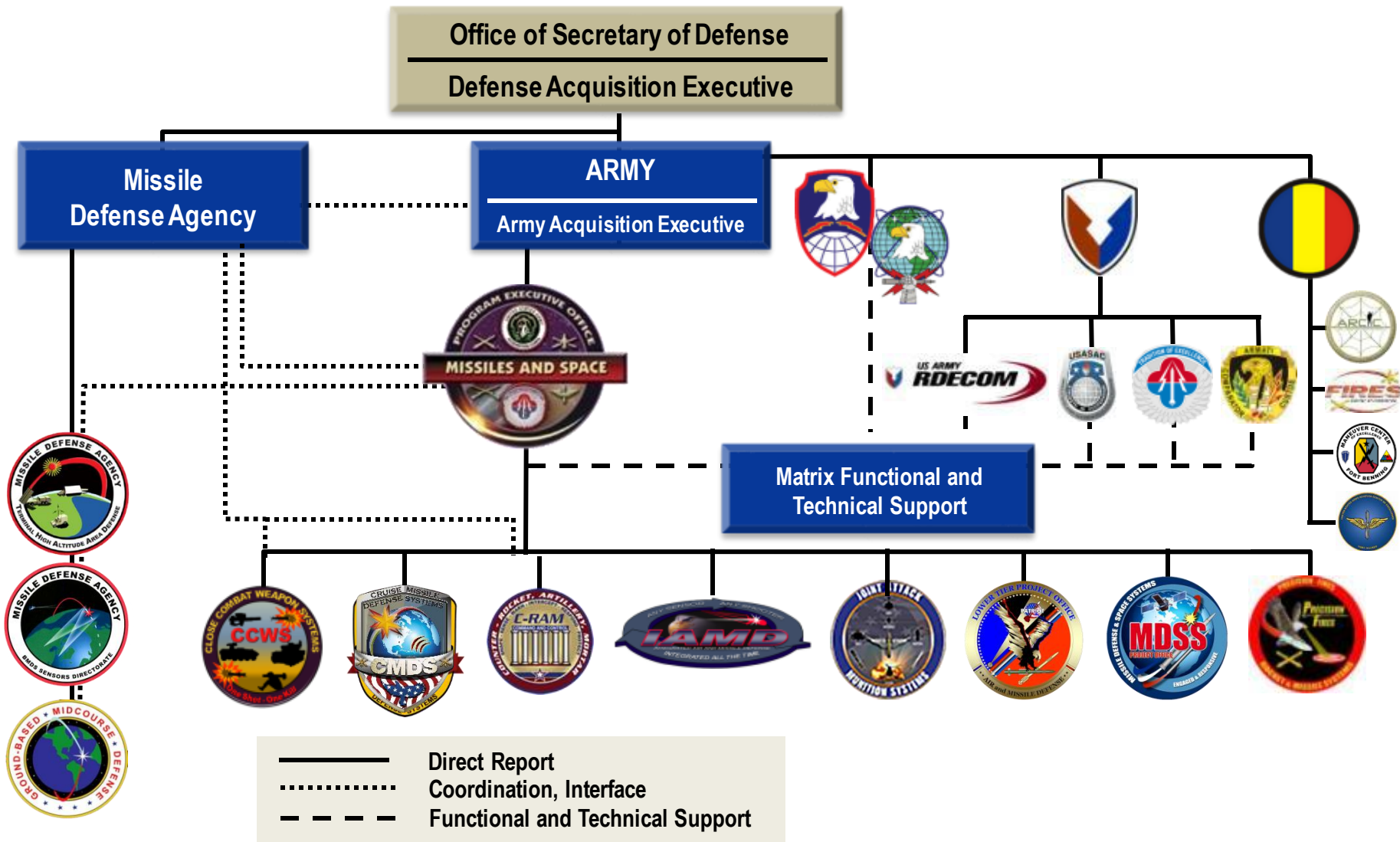
Program Executive Office Missiles and Space Portfolio



AVIATION	FIRES				MANEUVER	AIR DEFENSE & SPACE	
Joint Attack Munition Systems (JAMS)	Cruise Missile Defense Systems (CMDS)	Counter - Rocket, Artillery, Mortar (C-RAM)	Integrated Air & Missile Defense (IAMD)	Lower Tier Project Office (LTPO)	Precision Fires Rocket and Missile Systems (PFRMS)	Close Combat Weapon Systems (CCWS)	Missile Defense & Space Systems (MDSS)
 Hydra-70  Joint Air-to-Ground Missile (JAGM)  Small Guided Munitions  HELLFIRE  Launchers	 IFPC Inc 2-1  NASAMS  Sentinel  STINGER  Avenger	 C-RAM Intercept (LPWS)  RAM Warn  Air and Missile Defense Planning & Control System (AMDP)  Forward Area Air Defense Command & Control (FAAD C2)  AN / TPQ-50  AN / TPQ-37  AN / TPQ-36  Range Radar Replacement Program (RRRP)	 IAMD Battle Command System (IBCS) Engagement Operations Center (EOC)  A / B Plug & Fight Interface Kits  Integrated Fire Control Network (IFCN) Relay	 PATRIOT/ Ground Support Equipment  Lower Tier Air Missile Defense Sensor (LTAMDS)  PATRIOT Advanced Capability (PAC-3)  PAC-3 Missile Segment Enhancement (MSE)	 Guided Multiple Launch Rocket Systems (GMLRS / U / AW)  Army Tactical Missile Systems (ATACMS)  Long Range Precision Fires (LRPF)  High Mobility Artillery Rocket System (M142 HIMARS)  Multiple Launch Rocket System (M270A1 MLRS)	 JAVELIN  Tube-Launched, Optically-Tracked, Wireless-Guided (TOW)  Improved Target Acquisition System (ITAS)  Lethal Miniature Aerial Missile System (LMAMS)  Precision Fires Manager (PFM)  Containerized Weapon System (CWS)	 Joint Tactical Ground Station (JTAGS)  THAAD & AN /TPY-2 Sustainment Management Office (T2SMO)  Space Directorate  SMDC Nanosatellite Project (SNaP-3)  Kestrel Eye (KE) Microsatellite



PEO Missiles and Space Strategic Context





Program Executive Office, Missiles and Space Global Reach



- Hellfire
- Hydra Rockets
- Javelin
- MLRS/HIMARS
- Patriot System
- Q-36/37/48/49/53 Radars
- Sentinel Radar
- Stinger/Avenger
- TOW
- FAADC2/AMDWS
- C-RAM

41 Countries – 495 Active FMS Cases
\$43.2B Case Value

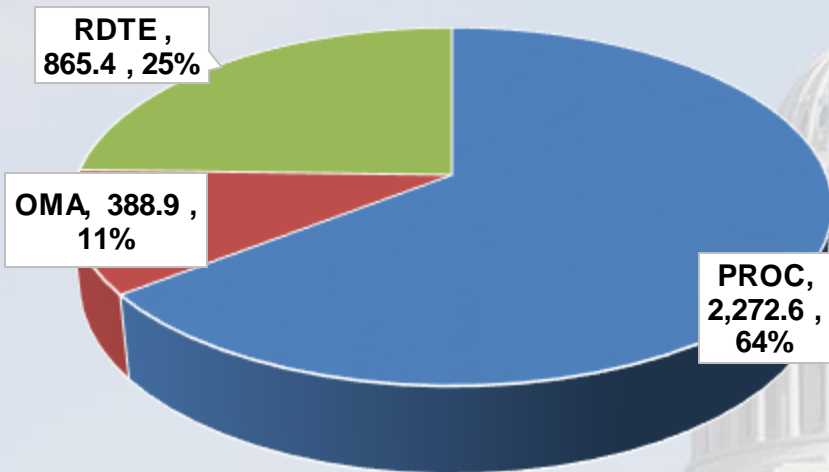


FY16 Appropriation and PB17 Comparison



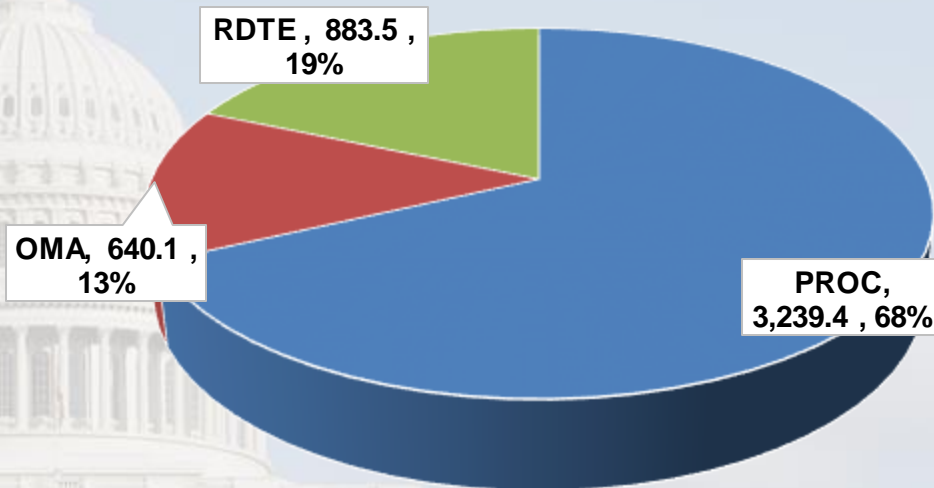
Base & OCO \$M

FY16 Appropriation



Total: \$3,527.0M

FY17 President's Budget

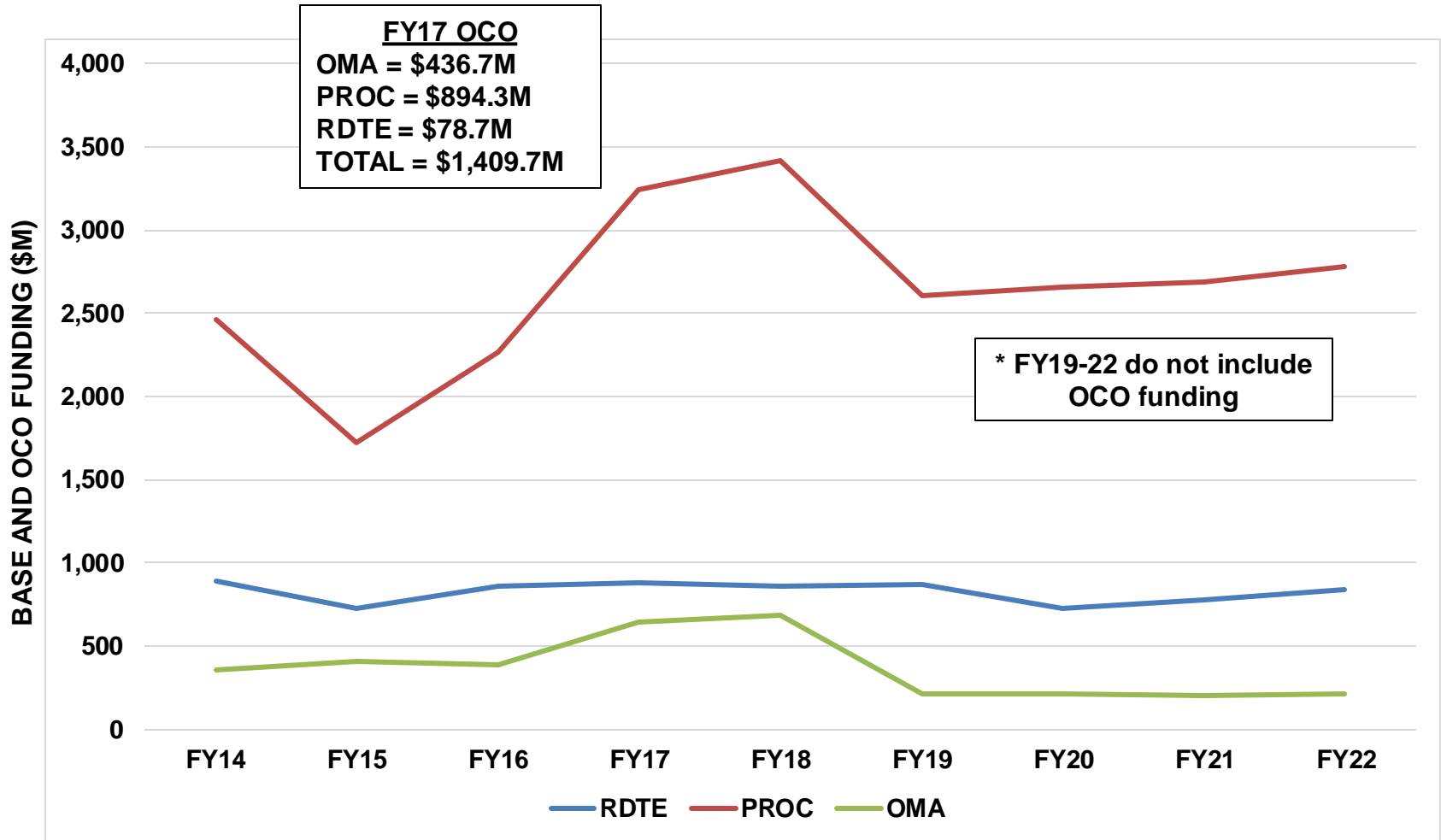


Total: \$4,763.0M

* RDTE before SBIR/STTR reduction



PEO Missiles and Space Funding (\$M)





UNCLASSIFIED

#1 Priority

Support to the Warfighter



FIRE SUPPORT

ATACMS

590 Expended

HIMARS

27 Launchers
Deployed to SWA



GMLRS Rockets



4,576 Unitary
Rockets Expended

AVIATION

Over 583,652 Hydra-70 2.75" Rockets Expended



HELLFIRE HYDRA 70



Over 39,049
HELLFIRES
Expended



CLOSE COMBAT

Over 10,995 TOW
Missiles Expended

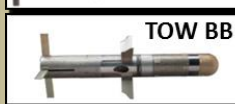
TOW-ITAS



TOW 2B



TOW BB



JAVELIN

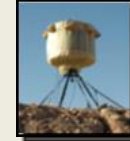


Over 2,134
Missiles Expended

AIR AND MISSILE DEFENSE

C-RAM

Deployed in support
of 3 different
Operations



Counter-UAS JUONs

AMDPCS

Family of Systems

7 ADA BDEs, 3 AAMDCs
146 ADAMs



Homeland Defense

STINGER



AVENGER



PATRIOT

~50% Fire Units
Forward Deployed



JTAGS

4 OCONUS Sites
Space Based
Missile Warning



SENTINEL



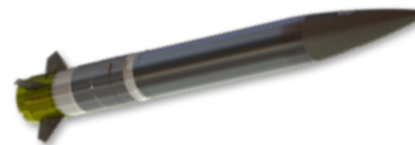
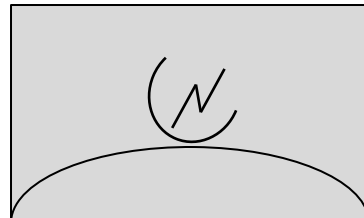
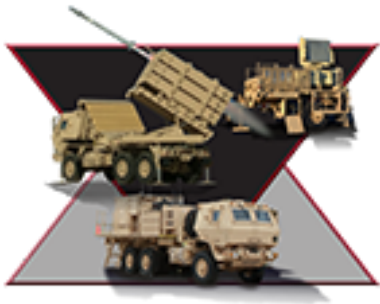
Sense & Warn
In-Theater and
Homeland Defense



New/Major Initiatives



- **Integrated Air & Missile Defense (IAMD)**
- **Indirect Fire Protection Capability Increment 2-Intercept (IFPC Inc 2-I)**
- **Lower Tier Air and Missile Defense Sensor (LTAMDS)**
- **Long Range Precision Fires (LRPF)**
- **Counter-Unmanned Aircraft Systems (UAS)**





Long Term Trends and Opportunities



Emerging Trends Across the Portfolio:

- Need for 360 degree Sensing and Intercept – Surveillance Coverage and Fire Control
- Extended Range Ground Munitions
- Link Sensors and Shooters
- Ability to Clear Airspace and Employ Fires in Joint, Interagency, Intergovernmental, and Multination (JIIM) Environment
- Mobile AMD in support of the Maneuver Force
- Need for capabilities to counter the Global Proliferation of Commercial and State Sponsored UAS

Long Term Potential Opportunities Across the Portfolio:

- Active Electronically Scanned Array (AESA) Technology to Produce True Dual-Band Multi-Mission Radar Capability
- Accelerate Integrated Defense Planner Concepts Efforts with the Potential to Integrate Air Defense Artillery and Field Artillery Command and Control
- Multi-Mission Sensors, Platforms, Shooters and Missiles
- Deliver Mobile C-UAS capability within the Brigade Combat Team Formation (Kinetic/Laser/HPM)



Questions?



Any Warfighter - Anywhere - All The Time