



Presented to:

NDIA

MISSILE S&T STRATEGIC OVERVIEW



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TECHNOLOGY DRIVEN. WARFIGHTER FOCUSED.

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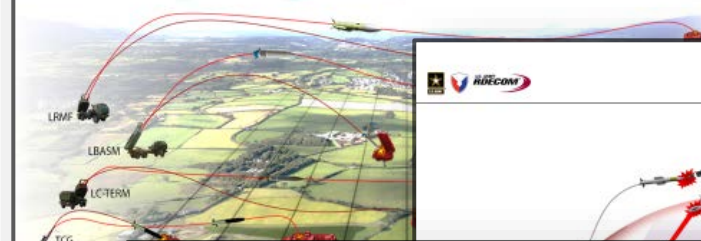
U.S. ARMY
RDECOM

Missile S&T Addressing the CSA Priorities

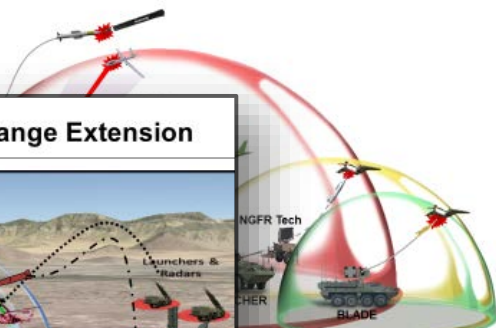


- Engage First [Long Range Precision Fires]
- Expanding the Dome [Air & Missile Defense]
- On the Move [LRPF & AMD]

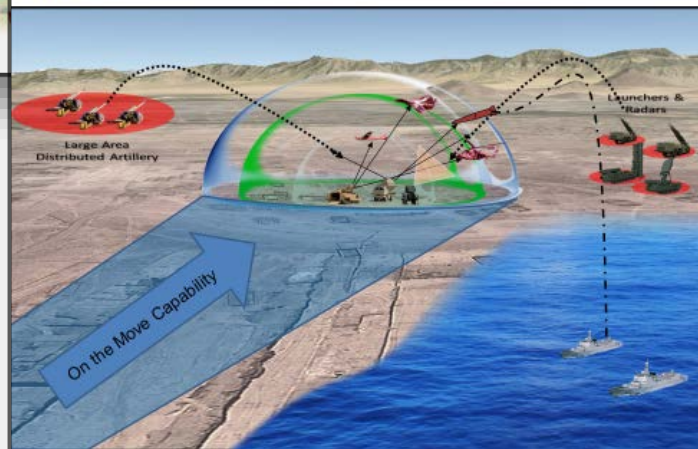
Long Range Fires Objective



Air and Missile Defense Integrated on Mission



Air Defense Range Extension



SECRETARY OF THE ARMY
WASHINGTON

29 SEP. 2017

MEMORANDUM FOR THE DEPUTY UNDER SECRETARY OF THE ARMY

SUBJECT: Science and Technology Portfolio Realignment

1. The August 2017 senior leader review of the Fiscal Year 19-23 Program Objective Memorandum determined that the investment portfolio does not fully support the Army's new modernization priorities:

- Precision Fires
- Next Generation Combat Vehicle (NGCV)
- Future Vertical Lift (FVL)
- Network/Command, Control, Communications and Intelligence (C3I)
- Air and Missile Defense (AMD)
- Soldier Lethality

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AMRDEC Missile S&T Alignment to Army Modernization Priorities



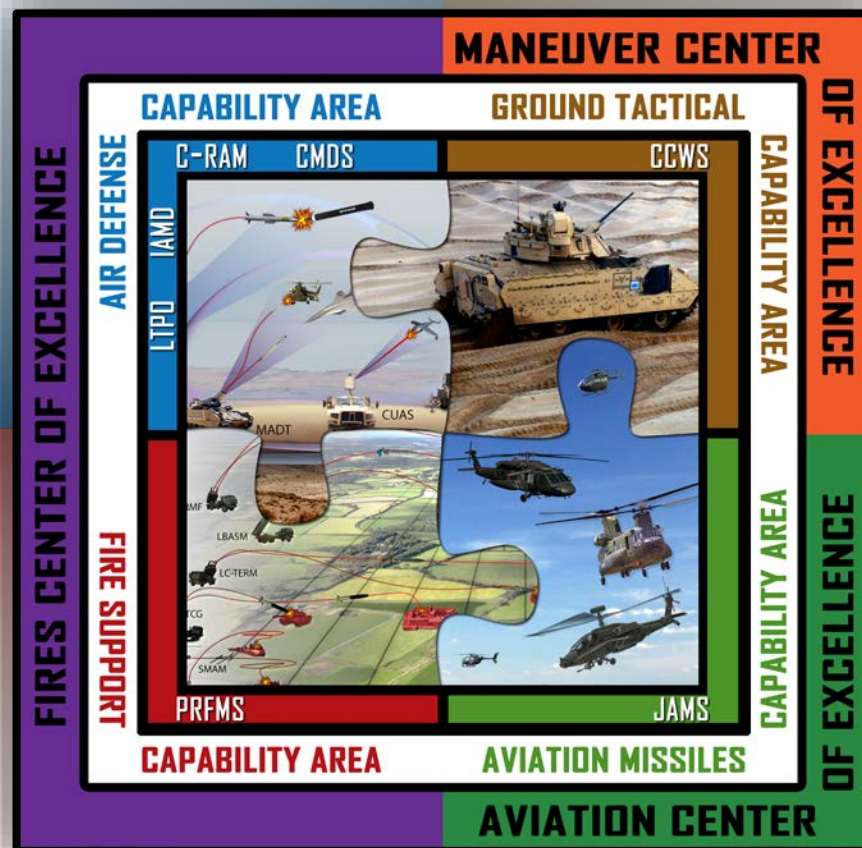
Army Modernization Priorities

AIR & MISSILE DEFENSE

Technologies for the development of mobile air defense systems that reduce the cost curve of missile defense, restore overmatch, survive volley-fire attacks, and operate within sophisticated A2AD and contested domains

LONG RANGE FIRES

Technologies for the development, integration and delivery of long range fires at the tactical, operational, and strategic echelons to restore overmatch, improve deterrence, and disrupt A2AD on a complex, contested and expanded battlefield.



NEXT GENERATION COMBAT VEHICLE

Technologies for active protection systems that will increase our ability to survive and win in the complex and densely urbanized terrain of an intensely lethal and distributed battlefield where all domains are continually contested.

Technologies for enhanced lethal effects that will increase our capability to win in the complex and densely urbanized terrain of a lethal and distributed battlefield.

FUTURE VERTICAL LIFT

Technologies for the development, integration, and delivery of aviation launched air-to-ground and air-to-air missile systems to restore overmatch within sophisticated A2AD and contested domains

ENGAGE FIRST

EXPAND THE DOME

ON THE MOVE

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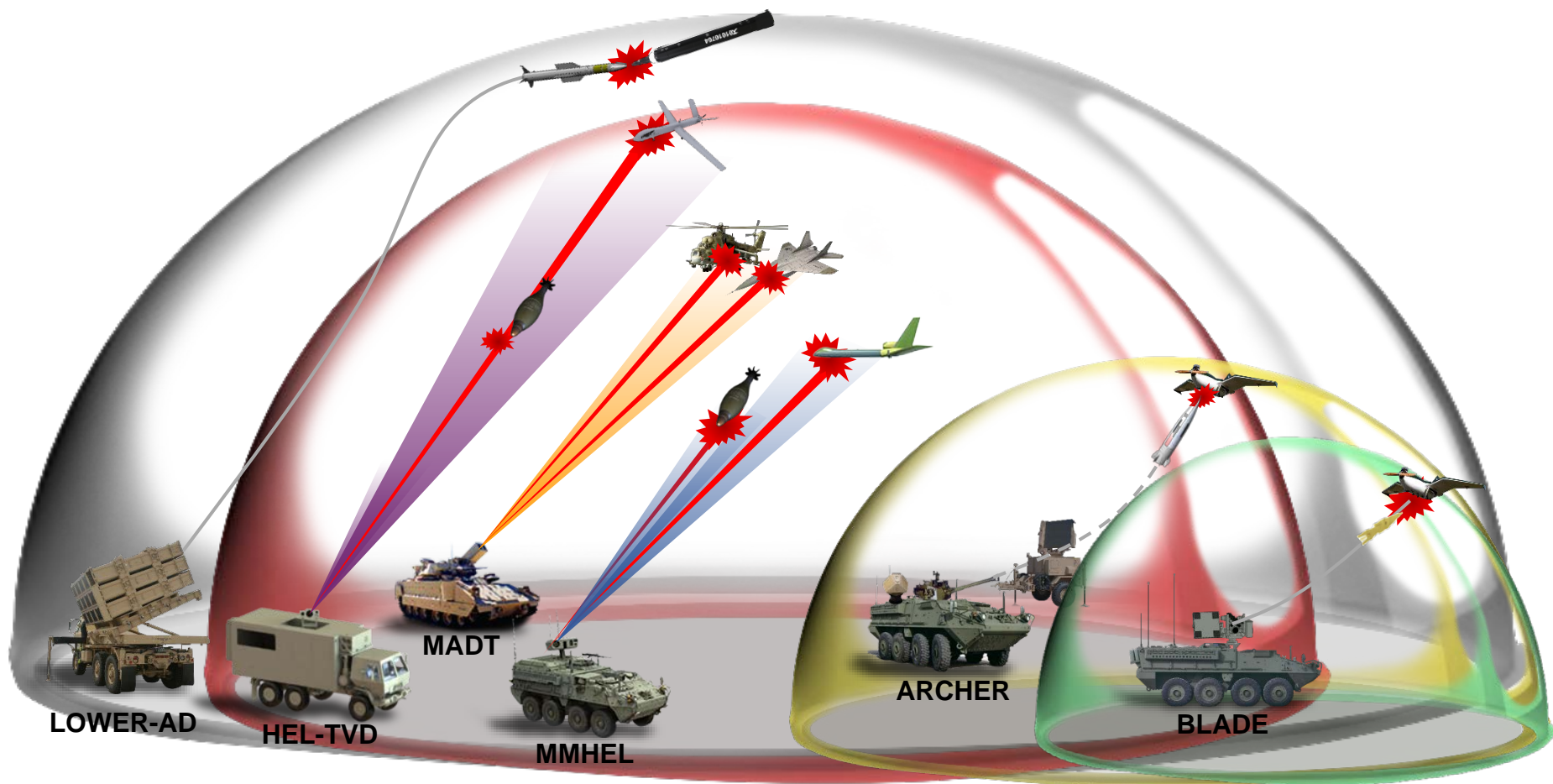
Long Range Precision Fires Objective



Provide Capability to Engage Targets at Extended Range

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AMD Objective

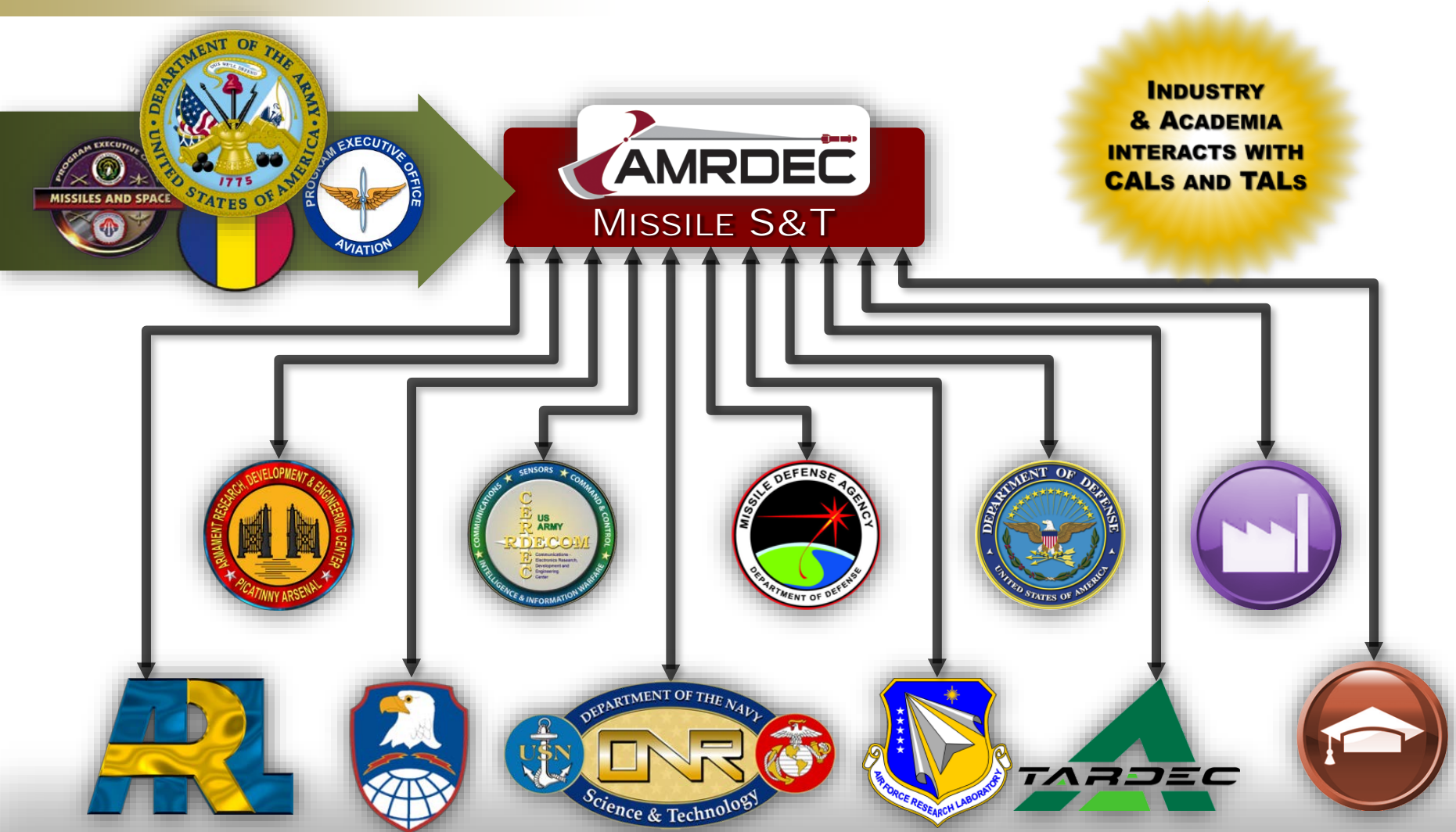


Provide Capability to Engage Targets at Extended Range

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AMRDEC Missile S&T Aligned to Army Priorities





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