



“To meet emerging challenges, the Army is boldly transforming to provide the Joint Force with speed, range, and convergence [with] cutting-edge technologies that will be needed to provide decision dominance.” –General James C. McConville, 40th CSA



Industry – Public/Private Partnerships



Future Operating Environments/Concepts

Iterate

Iterate

Iterate

Combat Systems Production/Transition

Combat Development, Foundational Research for Systems and Technology Development

Deliver Overmatch to the Future Force



To support MDO, the 31 interdependent initiatives will align to form an overall operational architecture informed by the *Army Modernization Strategy*

The Army's six modernization priorities (in **bold**) remain, emphasizing the commitment to future innovation focused on making Soldiers more capable and lethal

<i>The Army will use adaptive acquisition approaches to accelerate the development, production, and delivery of modernized materiel capabilities to support MDO</i>	
Long Range Precision Fires (LRPF)	<ul style="list-style-type: none"> Extended Range Cannon Artillery (ERCA) Strategic Fires Precision Strike Missile (PrSM)
Next Generation Combat Vehicle (NGCV)	<ul style="list-style-type: none"> Optionally Manned Fighting Vehicle (OMFV) Armored Multi-Purpose Vehicle (AMPV) Mobile Protected Firepower (MPF) Robotic Combat Vehicle (RCV)
Future Vertical Lift (FVL)	<ul style="list-style-type: none"> Future Attack Reconnaissance Aircraft (FARA) Future Long Range Assault Aircraft (FLRAA) Future Unmanned Aircraft System (FUAS) Modular Open Systems Approach (MOSA)
Network	<ul style="list-style-type: none"> Unified Network Command Post Common Operating Environment (COE) Interoperability (Joint/Coalition-accessible) Command Post Mobility/Survivability
Assured Positioning, Navigation, and Timing (APNT) <i>Enabling Area</i>	<ul style="list-style-type: none"> Assured Positioning, Navigation, and Timing (APNT) Navigation Warfare (NavWar) Tactical Space
Air and Missile Defense (AMD)	<ul style="list-style-type: none"> Army Integrated Air and Missile Defense (AIAMD) Maneuver - Short Range Air Defense (M-SHORAD) Indirect Fire Protection Capability (IFPC) Lower-Tier Air and Missile Defense Sensor (LTAMDS)
Soldier Lethality	<ul style="list-style-type: none"> Enhanced Night Vision Goggle-Bino (ENVG-B) Integrated Visual Augmentation System (IVAS) Next Gen Squad Weapon - Rifle (NGSW-R) Next Gen Squad Weapon - Automatic Rifle (NGSW-AR)
Synthetic Training Environment (STE) <i>Enabling Area</i>	<ul style="list-style-type: none"> STE information Systems - Training Simulation Software (TSS), Training Management Tools (TMT), and Live Mission Command Reconfigurable Virtual Collective (Air/Ground) Trainers (RCTCT-A,/G) Soldier Virtual Trainer (SVT) Squad immersive Virtual Trainer (S VT) One World Terrain
<i>The Army Rapid Capabilities & Critical Technologies Office (RCCTO)</i>	<ul style="list-style-type: none"> <i>Long-Range Hypersonic Weapon (LRHW)</i> <i>Directed Energy (DE) for MSHORAD</i> <i>High Energy Laser (HEL) and High Power Microwave for IFPC</i> <i>Medium-Range Capability (MRC)</i>

