



*“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, 40<sup>th</sup> 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

**The Army will use adaptive acquisition approaches to accelerate the development, production, and delivery of modernized materiel capabilities to support MDO**

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

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

