



US Army Maneuver Center of Excellence Fort Benning, Georgia



Ted Maciuba, PE
Deputy Director, Mounted Requirements



Mounted Portfolio



Fort Benning, Home of the MCoE

- Combat Vehicles
 - Next Generation Combat Vehicle (NGCV)
 - Armored Multipurpose Vehicle (AMPV)
 - Abrams
 - Bradley
 - Stryker
 - Mobile Protected Firepower (MPF)
 - Light Reconnaissance Vehicle (LRV)
 - Ground Mobility Vehicle (GMV)
- Vehicle Protection Suite (VPS)
- Cross Domain Dominance
 - Artificial Intelligence and Autonomy
 - Sensor Fusion
- Large and Medium Caliber Lethality
- Combat Vehicle to Crewman Interface
- Maneuver Robotic and Autonomous Systems (MRAS)
- Tactical Vehicles
 - Mine Resistant Ambush Protected (MRAP)
 - MRAP All Terrain Vehicle (MATV)



Offsets in Tactical Ground Maneuver



Fort Benning, Home of the MCoE

- Status Quo
 - Many Soldiers many bullets one kill
- First Offset Nuclear Weapons for Deterrence
 Fewer Soldiers one big nuclear bullet many kills
- Second Offset Precision Weapons
 One Soldier one bullet one kill



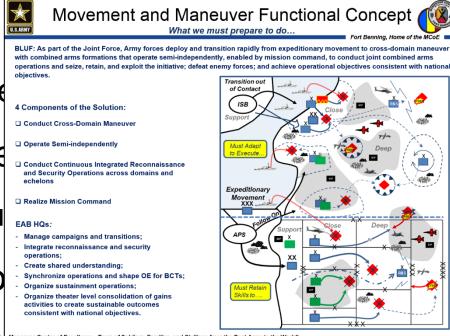
Offsets in Tactical Ground Maneuver



Fort Benning, Home of the MCoE

- Statusing 4 0 1
- Directed Engraphics many bulle
- Power Generation and Management
- .• Integrated Office to Total Nuclear We
- AdFerred Perred Perr
- + Maneuver Robotics and Autonomous
 - sSecondsOffset Precisio

One Soldier – one bullet – of the soldier of the soldier – one bullet – of the soldier of the so



Third Offset – Robotics, Miniaturization, Big Data,...

One Soldier – many bullets – many kills