

1. How do we enable small units to conduct combined arms air-ground maneuver to defeat enemy organizations and accomplish missions in complex operational environments?

Lead- MCoE. (AFWC 15)

- Soldier Protective Equipment
- Soldier Load
- Mobile Protected Firepower
- Dismounted Lethality
- Manned/Unmanned Teaming
- Preemptive Threat Detection and Identification
- Mission Command on the Move

2. How do we enhance air-ground operations to ensure access, seize the initiative and defeat the enemy in close combat? Lead- FCoE. (AWFC 17 & 18)

- Real Time Communications and Deconfliction
- Close Air Support
- Counter UAS
- Digitally Aided Close Combat Attack

3. How do we improve small unit sustainment to maintain freedom of action and movement during sustained operations in austere environments?

Lead- SCoE. (AWFC 12, 16 & 20)

- Autonomous Ground and Air Resupply
- Water Demand and Distribution Reduction
- Fuel Demand Reduction
- Alternate Power Generation

4. How can Maneuver Support capabilities further enable the Maneuver Force? Lead- MSCoE. (AWFC 12, 15 & 5)

- WMD Disruption, Neutralization or Destruction
- Gap Crossing (Wet & Dry)
- Terrain Shaping (Ottawa Accord compliant)
- Collection and Analysis of Forensic Data/Material
- Production and Analysis of Geospatial Data
- Breach or Reduce Complex Obstacles

5. How do we engineer the tactical network to maximize bandwidth efficiency, enable dynamic reconfiguration, and improve cybersecurity, while becoming expeditionary? Lead- Cyber CoE. (AWFC 7)

- Decreased Network Complexity Without Loss of Range
- Simultaneous Use of Multiple Networks on Different Bands
- Joint Interoperability Support

6. How do we develop and sustain a high degree of situational understanding while operating in complex environments against determined, adaptive enemy organizations? Lead- Intel CoE. (AWFC 1)

- Operations/Intelligence Convergence
- Sensor Computing Environment (Sensor CE)
- Distributed PED and Analysis
- Extend and Evolve the Intelligence Enterprise