Mobility

Go Anywhere, Undetected, and Return Safely

• Signature Reduction (Visual, Acoustic, Thermal, Radar)

• Enhanced Freedom of Maneuver
  – Increased Speed Over Terrain, Extended Range
  – Occupant Comfort/Health
  – Improved Durability
  – Reduced Vehicle Weight

• Improved Force Protection and Survivability
  – Armor Improvements
  – Active Countermeasures

• Improved Situational Awareness
  – Sensors, 360° Vision
  – Integrated Bridge Systems, Consolidated Communications
  – Secure Wireless Communications Systems
Mobility (2)

• Improved Ride Quality
  – Reduce operator injury
  – Increase combat effectiveness

• Multi-Fueled Engines
  – Provide capability for common logistical fuels for small engines
  – Outboards, 2-Stokes, UAV & ATV engines

• RF Direction Finding
  – DF system suitable for use on small UAVs
  – 3D bearing information from a single intercept

• Hostile Fire Indicator
  – Integrated HFI
  – Multispectral Imaging
  – Advanced ATR algorithms