Visual Augmentation

• Reduced Size, Weight, and Power (SWaP)

• Digital Solution to Night Vision Goggles
  – Affordable and Producible High Performance Focal Plane Array Equivalent to Aviation Grade I² Tubes with Acceptable SWAP
  – Enabling Technologies: Micro-displays, FPGAs for Image Processing, Low Power Electronics, Batteries

• Low Signature Operation Requires Enabling Technologies

• Fusion
  – Multiple Bands to Enhance Lethality and Situational Awareness
  – Simple and Intuitive Presentation without Loss of Content
  – Real-Time, Low Power Computing and Displays
  – Data Import and Export