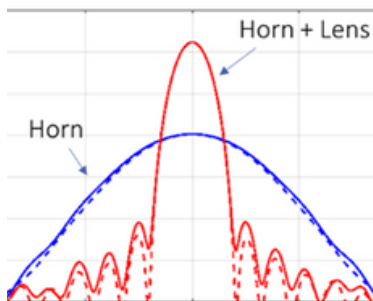


STOLA

IERUS TECHNOLOGIES INC.



IERUS Technologies' SATCOM Tactical OTM Lens Antenna (STOLA) platform is redefining the capabilities of communication systems for commercial and DoD customers.



High Gain

No Grating Lobes

Light Weight/ Cost Effective

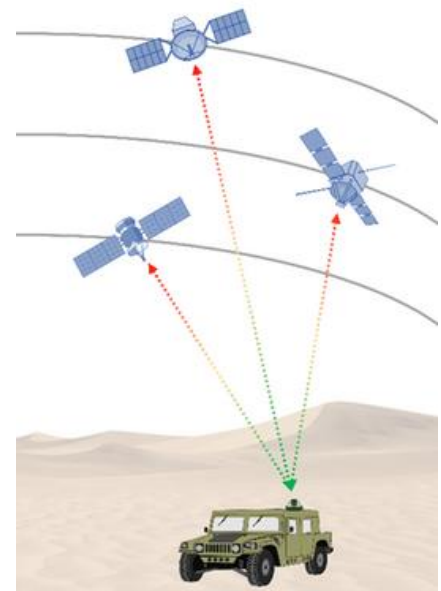
Multiple Beams

Passive Beam Steering

Ultra-Wideband

Large Scan Angle

without Scan Loss



THE SYSTEM

- 3D-printed lens acting as a passive beamformer
- Reconfigurable array choices for wideband frequency coverage

CAPABILITIES

- Tailorable design to meet operational requirements
- Lens operational bands: X, Ku, Ka
- Supporting array can be customized based on IERUS portfolio of antenna technologies
 - Phased Array
 - Switched Beam Steering Network

