

**HALO**<sup>™</sup>

# MULTI-BAND, MULTI-BEAM, MULTI-ORBIT

## Software-Defined Digital Beam Forming Antenna System for SATCOM and LOS Communications.

Cubic's Halo<sup>™</sup> flat panel Active Electronic Scanned Array (AESA) maximizes flexible LOS and BLOS connectivity between military aircraft and commercial and military satellites. It enables multiple simultaneous links across ground and aerial layers and space constellations. With its Ultra-Low-Size, Weight and Power (SWaP), Halo solves a critical communications challenge for warfighters at the edge.

- » Modular via Open Standards - compliant building blocks for various platforms and different link ranges and data rate needs
- » Multi-Beam - supports many high data rate links, providing optimal functionality for redundant network paths
- » Multi-Orbit - connects simultaneously to pLEO, MEO and GEO constellations
- » Multi-Band - simultaneously transmit and receive in both Ku and Ka bands
- » Future Ready - cybersecure and upgradable software, accommodating additional waveforms and emerging capabilities
- » Ease of Use - Digital beam forming enables link resiliency and multi-function capability

Halo's proven technology will be ready for future integration into a variety of air, ground and surface platforms.