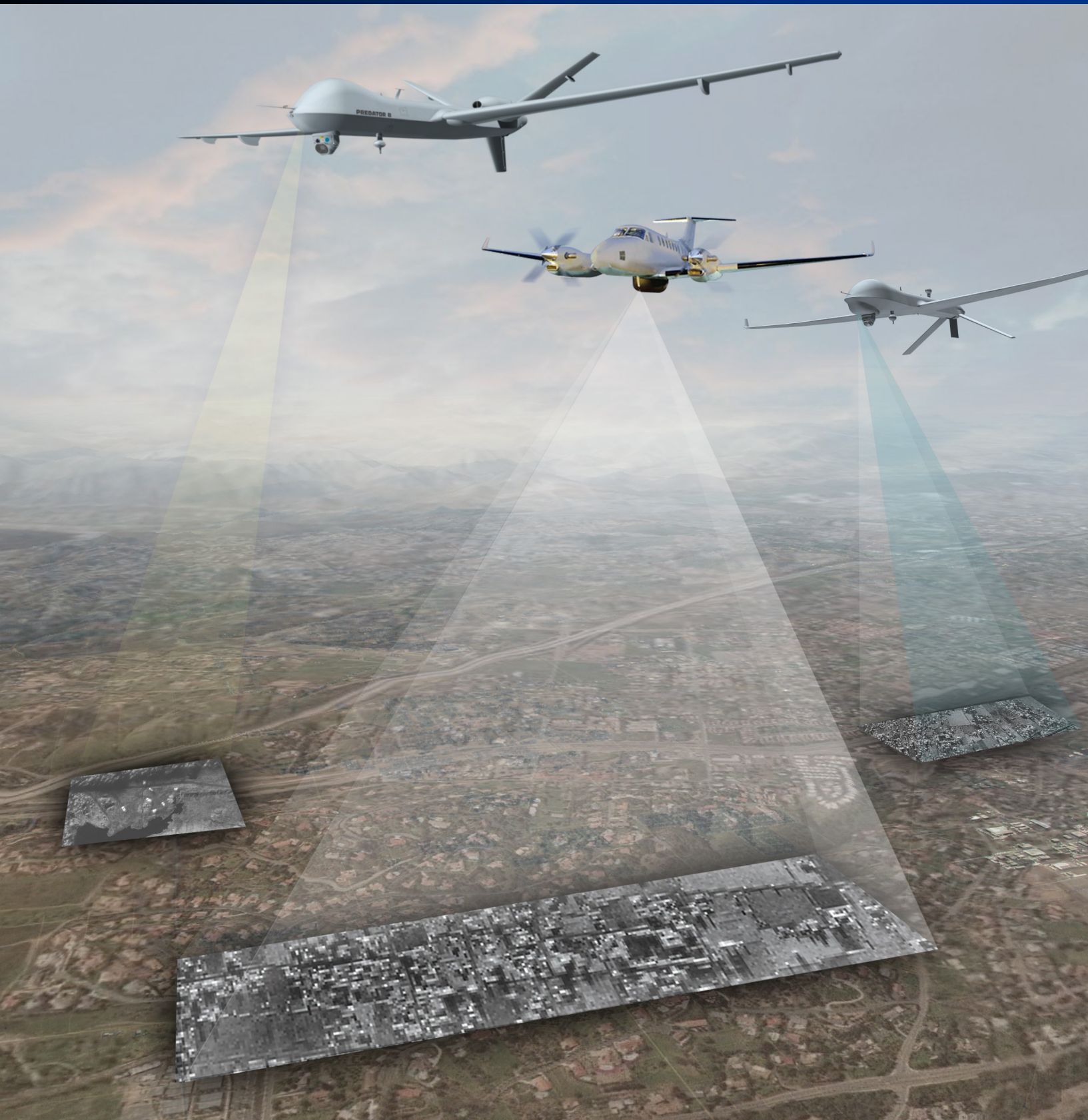


LYNX MULTI-MODE RADAR

Increased Capability for Manned and Unmanned Missions



LYNX MULTI-MODE RADAR

FEATURES/BENEFITS

- High-resolution photographic quality SAR imagery
- Selectable resolution
- All-weather, day/night performance
- Combat-proven
- Change detection capability
- Claw payload control and exploitation ready
- Two LRU system (antenna and electronics module)
- Available modes
 - Synthetic Aperture Radar (SAR)
 - Spotlight
 - Stripmap SAR
 - Ground Moving Target Indicator (GMTI)
 - Arc scan
 - Spot scan
- Maritime search mode
- Designed for use on manned and unmanned systems
- Approved for export to NATO/coalition forces

TECHNICAL SPECIFICATIONS

- Total Weight: <37 kg (83 lb)
- Input Power: 28 VDC, 1 kW peak, 300W nominal
- Transmit Power: 320W peak
- Frequency: Ku-Band
- Cooling: Sealed conduction
- SAR Resolution: Very fine to 3m
- SAR Range: >80 km (50 mi)
- GMTI Range: 23 km (14 mi)
- Antenna (reflector) Size: 44.5 cm x 16.5 cm (17.5" x 6.5")
- Electronic Module Size: 51.4 cm x 29.6 x 26.7 cm (20.2" x 11.6" x 10.5")

OPERATIONAL USE WITH:

- U.S. Department of Homeland Security
- U.S. Air Force
- Royal Air Force
- Italian Air Force
- Iraqi Air Force

