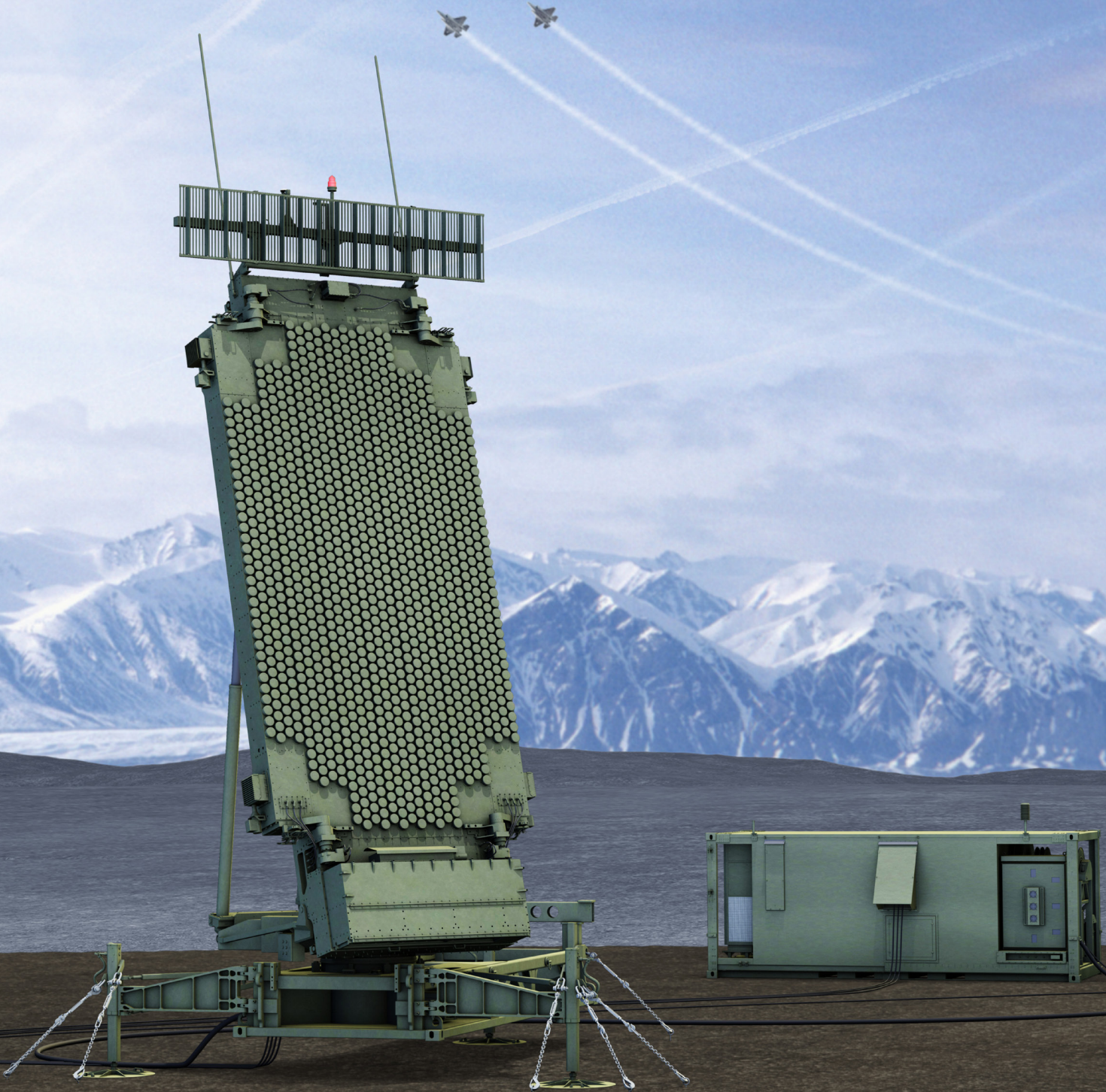
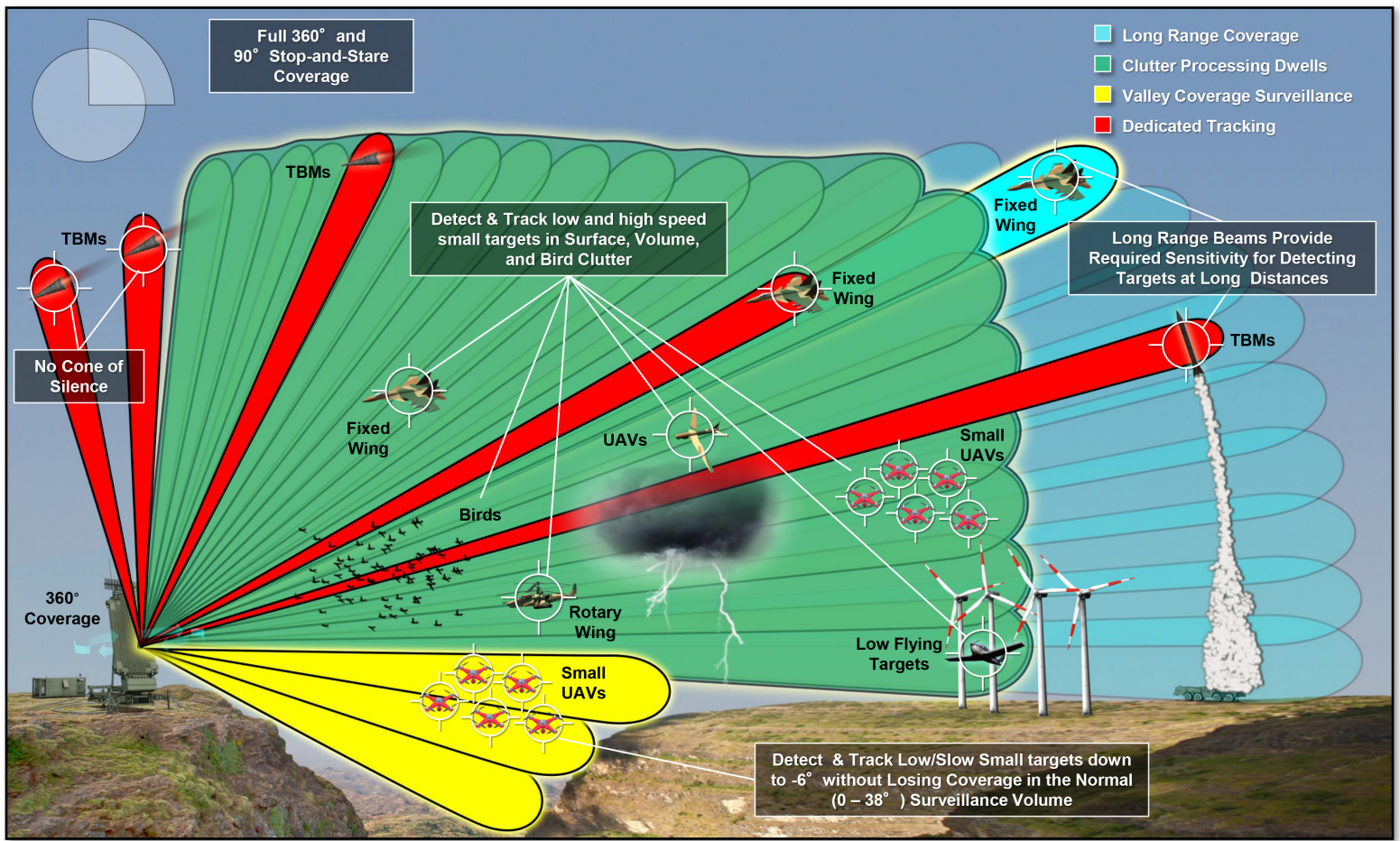


TPY-4

Next Generation Multi-Mission Radar



LOCKHEED MARTIN 



Radar Coverage		
Operation Mode	6 RPM	Stop / Stare
Azimuth	360°	+/- 45°
Range	300 nmi, 555 km	540 nmi, 1000 km
Height	100 kft, 30.5 km	
Search Elevation	-6° to 38°	
Track Elevation	-6° to 90°	

Radar Features

- **Radar Type: 3D Element Based Digital AESA with GaN**
 - Digital at Every Element
 - Software Defined Radar
- **Frequency: L-Band (1215 to 1400 Mhz)**
- **Rotation Rate: Various and Stop /Stare**
- **Simultaneous Multi Mission Operation**
 - Air Surveillance
 - Low Profile UAS Detection
 - Ballistic Missile Search and Dedicated Track
 - Maritime Surveillance
 - Satellite Track
- **Mode 5 Capable**
- **Transportable via C-130, C-17, Truck, Rail or Helicopter**
- **Operation in Extreme Environments**

