

Joint Land Attack Cruise Missile Defense Elevated Netted Sensor (JLENS) System



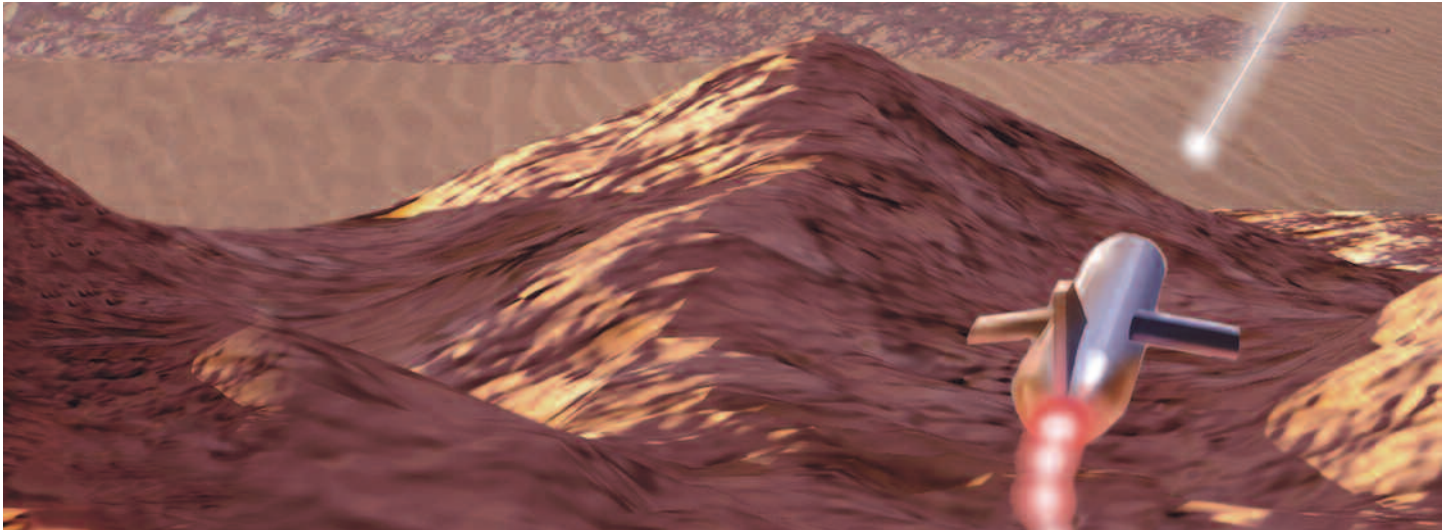
JLENS — Joint, Land Attack Cruise Missile Defense, Elevated, Netted, Sensor System

Benefits

- Provides wide area protection against land attack cruise missiles
- Cost-effective, long endurance, Over-The-Horizon detection and tracking capability

The Joint Land Attack Cruise Missile Defense Elevated Netted Sensor (JLENS) System is an advanced sensor system elevated by aerostats. This system improves the battlefield commander's ability to provide wide area protection against land attack cruise missiles. JLENS provides the combatant commander with a cost-effective, long endurance (up to 30 days), Over-The-Horizon

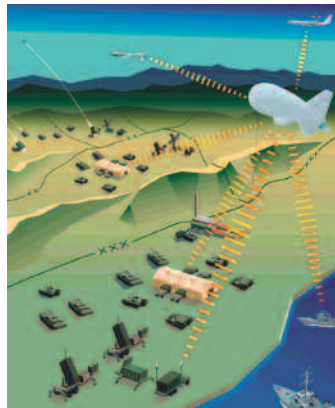
(OTH) detection and tracking capability required to defeat the proliferating land attack cruise missile threat. JLENS complements existing fixed wing surveillance assets by providing long-range wide-area surveillance, precision tracking of airborne and surface targets, combat identification, and communication interoperability.



Cruise Missile Defense — OTH engagement of masked, low-flying threats. OTH combat ID of non-cooperative targets, contributing to the Single Integrated Air Picture (SIAP), attack operations and battlefield communications



Attack Operations — Total situation awareness, surface moving targets, boost phase detection, tracking TBMs and large caliber rockets



Battlefield Communications — Linking the joint digitized battlefield

Operational Characteristics	Requirements
Stressing Threats	Advanced cruise missiles, 360 degree coverage
ADSAM	Support engagements with Army, Navy, and Marine Corps air defense missiles
CID Support	Provide high resolution information <ul style="list-style-type: none"> – Physical characteristics – Flight characteristics – Perform IFF
Joint Interoperability	Current participation in CEC and Link-16 Full participation in JDN and JCTN
High Operational Availability (Ao)	Greater than 95 percent in SWA
Optional Payloads	Optional payloads may include ELINT/COMINT, Blue Force Tracker, GPS Pseudolite

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