L3HARRIS™
FAST. FORWARD.

SPACE-BASED MISSILE WARNING AND DEFENSE

L3Harris is propelling a paradigm shift in the space industry toward speed and affordability with responsive end-to-end solutions for detecting and tracking missiles.

Accelerating our nation's missile warning and defense capabilities is critical to safety and security.

THE EMERGING THREAT

Imagine an adversary launches a hypersonic missile against a U.S. or allied target. Its faint heat signature coupled with unpredictable flight trajectory makes it unusually difficult to track and precision tracking is only possible through advanced satellite technology. If that space-based tracking capability is eliminated, whether by misfortune or malice, the danger escalates quickly.

L3Harris addresses that danger with end-to-end missile defense solutions to quickly proliferate satellite constellations that are responsive, resilient and affordable. The technology finds, tracks and targets threats, most notably hypersonic vehicles that elude other capabilities. It adds a vital tool to the U.S. military's multilayered approach to eliminating danger wherever it appears.

PREEMPTIVE INNOVATION

Threats to space-based missile warning and defense assets seem to grow by the day. In addition to rogue satellites and space debris, directed physical and cyberattacks highlight the emerging risks the U.S. military must be prepared to combat. In an increasingly contested space environment, continued mission operation is paramount, and a multilayered approach can significantly reduce risk and maintain operations along the threat-elimination chain.

SUPPORTING WARFIGHTERS ON THE GROUND

BENEFITS

- **End-to-end capabilities that support responsive space missions, including, bus, payload, engineering design, mission planning, integration, testing, launch, operations and deliverable intelligence**
- **Secure and scalable ground infrastructure provides command and control of responsive space constellations as well as data processing**
- **Mission-defining sensor technology provides critical missile detection with precision infrared imaging technology that can be produced at volume**
- **Production capabilities built upon years of space mission experience but with the commercial speed of a nontraditional vendor**

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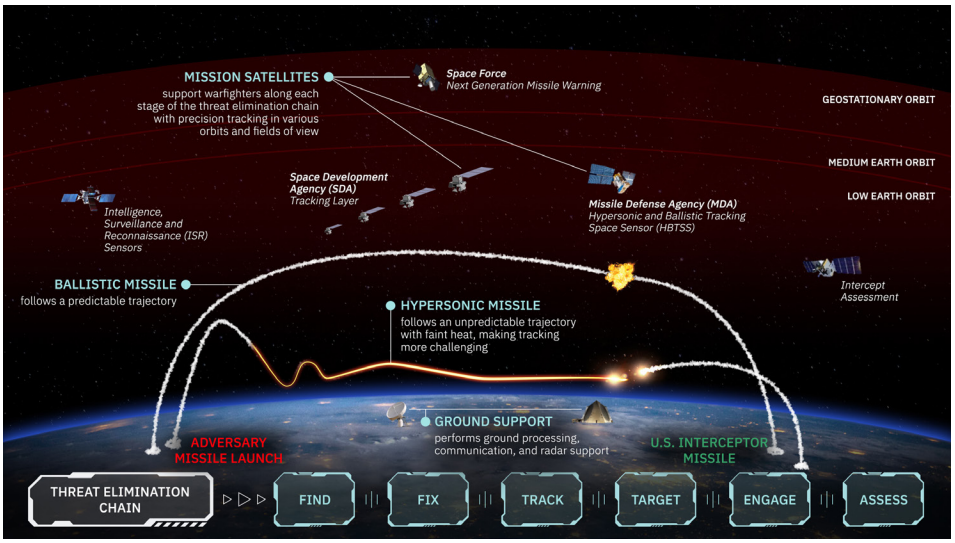
RESPONSIVE, RAPID AND RESILIENT SOLUTIONS

Faced with advances in adversary missile technology and the threat of enemy combatants in space, the U.S. military is shifting how it develops and deploys satellites. To get ahead of the enemy, satellites must not only have superior technology, but must have the ability to launch rapidly to respond to any circumstance or mission priority. And affordability is key to readiness.

L3Harris helps combat all emerging threats with end-to-end solutions that rapidly deliver missile tracking capabilities to not only respond to ever-changing mission conditions but anticipate them.

MULTILAYERED SATELLITE ARCHITECTURE FOR THREAT ELIMINATION



PROVEN ON-ORBIT TECHNOLOGY

- Proven ability to launch reconfigurable, multimission software-defined payloads at scale
- Record of cost-effectively meeting right-sized performance requirements and balance life-cycle costs across an entire smallsat constellation architecture
- Years of experience delivering essential payloads in multiple orbits to U.S. Department of Defense (DoD)

Space-Based Missile Warning and Defense

L3Harris Technologies is an agile global aerospace and defense technology innovator, delivering end-to-end solutions that meet customers' mission-critical needs. The company provides advanced defense and commercial technologies across air, land, sea, space and cyber domains.

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