

C4ISR

21ST CENTURY INTELLIGENCE, SURVEILLANCE AND RECONNAISSANCE

LOCKHEED MARTIN

We never forget who we're working for®

21ST CENTURY INTELLIGENCE, SURVEILLANCE AND RECONNAISSANCE



Ongoing threats throughout the world clarify the military's need for clear, continuous situational awareness.

The Future Force's vision is a seamless, net-centric environment where warfighters have real-time access to decision-quality intelligence. Lockheed Martin responds to this need by developing truly interoperable, open architecture intelligence, surveillance and reconnaissance (ISR) solutions. By embracing a more software-centric approach to technology, we develop next generation technologies that support warfighters today, and ease the transition into the transformational, net-centric warfare world of tomorrow.

Core ISR Competencies

• Net-Centric Tactical ISR

Transformational ISR capabilities focused on open architectures that improve interoperability and decrease total life cycle cost.

- Capabilities-Based Tactical ISR Integrated, multi-intelligence solutions to improve capabilities to sense, evaluate & respond to the operational environment.
- Tactical ISR for Time-Sensitive
 Targeting Tested and proven tactical ISR
 capabilities that dynamically integrate
 multiple sensors across numerous
 platforms to improve the geographic
 location accuracy and tracking of high
 priority targets.
- Signals Intelligence (SIGINT)
 Processing Advanced signals intelligence
 sensor processing and exploitation
 applications that provide warfighters
 with continuous improve- ments to
 rapidly respond to threats.
- Ground System Support & Development Multi-sensor task processing, mission planning, exploitation and dissemination for deployable ground stations.
- Synthetic Aperture Radar (SAR) Sophisticated SAR sensor that incorporate changing technologies including foliage penetration and sensor platforms.

• Large Scale Intelligence Systems

Core systems expertise include system architecture for intelligence systems and application interoperability, as well as technical standards and common infrastructure elements, such as operating and training systems that support interoperability.

- Secure, Trusted Messaging Management Dissemination systems that provide communications links between collection systems, processors, and users. These include physical communications channels, as networks, protocols and software, and database and servers for the staging of products for dissemination.
- Tactical Information Collection Integrated collection systems from variety of organizations, echelons, services, and intelligence disciplines; including tactical ground-based electronic warfare systems, unmanned aerial vehicles, and space

• Information Fusion

systems.

Extensive expertise fusing disparate intelligence products at the algorithm level. Our cognitive fusion products elevate the quality and confidence of collections to deliver knowledge dominance.

Our core competency is enabling persistent global surveillance.

Lockheed Martin offers a level of expertise in ground, airborne and space ISR systems unmatched in the industry. For decades, we have provided transformational ISR solutions for all U.S. military services as well as the governments of many nations. We have consistently advanced ISR technologies in key areas by providing the requisite leadership and experience to assimilate large information exchanges across multi-tiered ISR systems. This includes developing truly integrated multi-intelligence (signals, imagery, measurement, communications) open architecture systems that improve predictive battlespace awareness to designing international turnkey systems that enhance air, surface, and subsurface capabilities at all echelons. We have provided some of the world's most technologically advanced ISR solutions by tailoring technology to meet specific needs of our customers. Such a broad base of expertise keeps us in a leadership position with customers around the world.

FOR MORE INFORMATION, CONTACT:

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