

5G.MIL[®] Solutions

Lockheed Martin's 5G.MIL solutions enable joint all-domain operations with seamless and resilient connectivity capabilities that securely connect current and future assets with leading edge technology.

5G.MIL Solutions

- Integrate military connectivity capabilities (".MIL") and enhanced 5G technology to enable persistent and secure information flow.
- Link together platforms and systems into a cross-domain, interconnected and interoperable network.
- Enable joint all-domain command and control (JADC2) for joint all-domain operations (JADO).
- Reduce decision timelines and help counter rising global threats.
- Architected to support seamless transitions for future-G and tactical radio enhancements (6G.MIL[™]-to-NextG.MIL[™])

Our Technology & Experience

- Accelerating investments and capabilities in advanced communications technologies aligned to the 21st Century Security vision.
- Extensive experience in packaging, hardening and integrating communications systems onto our platforms in all domains.
- Open architecture and platform expertise enables flexible multi-vendor 5G connectivity and advanced communications to meet mission needs.
- Leader in advanced civil and national security space communications since 1970.



Mission Enablers



Building All-Domain Network Cohesion



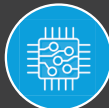
Resilient Communications



Integrating Existing Systems & Networks



Combating Threats with Decisive Action



Enabling 21st Century Security Technologies



Learn more

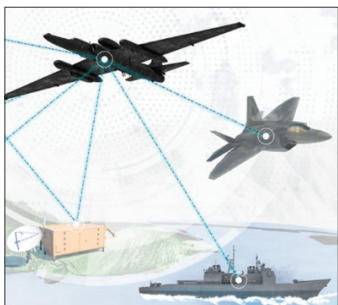
Advanced Communications Capabilities

- Multi-Vendor Network Interoperability
- Open Architecture and Standards
- Edge Connected Nodes
- High Performance Multi-Access Edge Computing
- Integrated Artificial Intelligence/Machine Learning
- Secure Mesh Networking
- Multi-Function, Wideband Apertures
- Protected and Secure Waveforms
- Multi-Level Zero Trust Security
- Distributed Sensing and Communications



5G.MIL® Powers

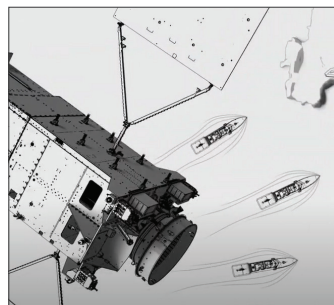
- Resilient Connectivity for Joint All-Domain Operations (JADO)
- Smart Warehouses, Logistics Tracking and Sustainment
- Expeditionary Forward Base and Command Post Operations
- Crewed-Uncrewed Teaming (CUT)
- Intelligence, Surveillance and Reconnaissance (ISR) and Sensor Fusion Edge Processing
- Augmented Reality/Virtual Reality Enabled Live, Virtual and Constructive (LVC) Training and Mission Planning
- Global Situational Awareness for Enhanced Decision-Making
- Space-Based Global Communications, Backhaul and Reach-Back
- Primary, Alternate, Contingency and Emergency (PACE) Operations



Resilient Communications for Joint All-Domain Operations



Global Situational Awareness for Rapid Decision-Making



Space-Based Communications Backhaul and Reach-Back



Intelligence, Surveillance, and Reconnaissance (ISR) and Sensor Fusion Edge Processing

Collaborators/Partners



Academia



Government



Industry



Standards & Regulatory Bodies

Commercial Strategic Relationships

verizon

Microsoft

intel

Radisys

KEYSIGHT TECHNOLOGIES

JUNIPER NETWORKS