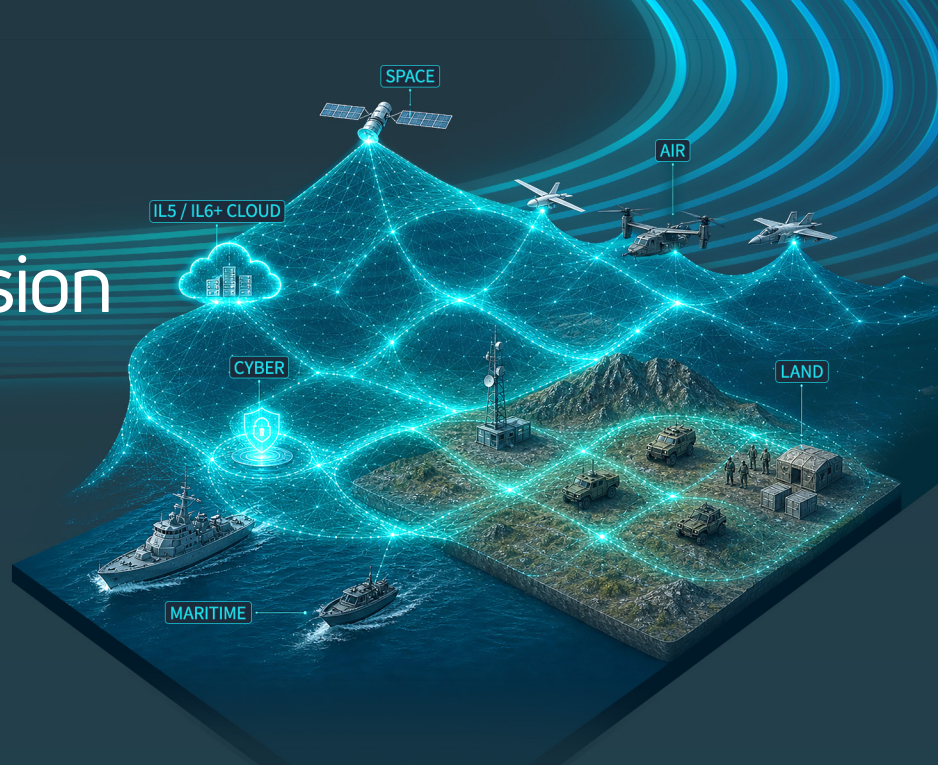




Viasat Tactical Mission Fabric™ (TMF)

Tactical Mission Fabric delivers secure, resilient, edge-to-cloud connectivity that simplifies network complexity and enables mission success across contested environments. This cloud native, transport agnostic mission fabric abstracts tactical network complexity and provides assured global connectivity across contested DDIL environments.



TMF is an automated edge to cloud Infrastructure as a Service (IaaS) and Network as a Service (NaaS) overlay that augments existing tactical networks—without costly rip and replace. Using software-defined networking, automated transport orchestration, and a zero-trust security model, TMF reduces manual configuration, lowers operator burden, and enables uninterrupted mission data flow from the tactical edge to IL5/IL6+ cloud environments.

Core Capabilities

Assured Connectivity

AI-triggered autonomous PACE routing across multi-path, multi-orbit, and multi-band transports with no operator intervention.

Optimized Performance

Low latency, dual use architecture built for AI/ML and data intensive missions.

Global, Resilient Access

Secure, continuous connectivity from tactical edge to IL5/IL6+ clouds with coalition support, anytime, anywhere.

Proactive Defense

24/7/365 cyber threat monitoring and rapid response via Viasat's SOC.

Secure Crypto

Over-the-air rekeying and secure digital key exchange protect the enterprise, even if platforms are captured or destroyed.

Open Architecture

Vendor neutral tactical fabric interoperable across Joint and Service battle networks.

Operational Impact

Accelerates the OODA loop with deterministic edge to cloud performance

Reduces cognitive burden through automated network orchestration

Provides global mission reach across contested DDIL environments

Delivers at mission speed without rip and replace

What TMF Connects

Platforms UxVs • Sensors • c-UAS • Loitering munitions
Autonomous swarms • C2 and Fires Nodes

Transports Multi orbit SATCOM • TDL JREAP-C
MANET • Tactical 5G • Global Hybrid Fiber • FSO/HCLOS

Applications C2 • ISR • Fires • Logistics • EW AI
Workloads/Analytics • Mission data • UxV autonomy

Compute IL5/IL6+ GovCloud • Regional Edge Cloud
Mobile Edge Compute

TMF enables the future of tactical edge to cloud operations.

Learn more at viasat.com/TMF, contact insidesales@viasat.com, or call 888 842 7281

