Tactical Mobile Deployment Kits (TMD-K) Overview

Comprehensive Expeditionary Communications Solutions

Top Logic Technology's Tactical Mobile Deployment Kits (TMD-K) provide scalable, rugged, multi-transport communication capabilities for field teams, government operations, emergency response, and defense missions. Each kit is designed for rapid deployment, secure connectivity, and operational reliability in demanding environments.

* Kits can be modified for TAA-compliance, MIL-STD ruggedization, or specific manufacturer requirements.

TMD-K Features

• Multi-transport connectivity (LTE/5G, SATCOM, fiber, Wi-Fi, Ethernet)
• Rugged enclosures for field durability
• Integrated UPS power & Cooling
• FIPS 140-3 Compliant
• Field-serviceable modular components for rapid replacement
• 220/110V compatible
• Lightweight, portable design for rapid field deployment

Optional Add-On: ETaaS: Expeditionary Transport as a Service

Top Logic provides an optional managed transport network service that enhances all TMD-K kits by providing:

• End-to-end transport reachback from any location
• Transport-only model: no storage, no inspection
• 24/7 mission support and engineering assistance

This service allows customers to instantly connect remote sites back to headquarters or other remote sites using Top Logic Technology's expeditionary transport backbone, while the user maintains full control of encryption and data.

TMD-K Comparison Chart

Feature	TMD-K Basic	TMD-K Rugged	TMD-K Extreme
Transport Options	LTE/5G, Fiber, Ethernet	LTE/5G, Fiber, SATCOM, etc.	LTE/5G, Fiber, SATCOM, etc
Primary Routing	VPN Router	Dual rugged Cisco-Architecture Routers	Dual eXtreme rugged Cisco-Architecture Routers
Switching	N/A	Industrial Rugged Switch	Extreme-Grade Rugged Switch
UPS Power	110/220v Compact Mini-UPS	110/220v 1U lithium powered UPS	110/220v 1U lithium powered UPS
Use Case	Remote internet access, light computing/processing	Harsh environments, remote network suite	Harsh Environments, remote network suite, Tracked Vehicles

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