

HAVEN Lite™

Hardened Aggregated Virtual Enterprise Network



Product Description

HAVEN Lite™ is a field-deployable, ruggedized edge networking device engineered to provide **secure, resilient connectivity** for mission teams operating in contested, denied, or austere environments. Optimized for **size, weight, and power (SWaP)** constraints, it enables plug-and-play bonding of multiple transport types—**LTE/5G, Ethernet, Wi-Fi, and external SATCOM or RoIP systems**—into a single, encrypted IP link. Purpose-built for the tactical edge, HAVEN Lite supports **IPSec tunneling**, automatic link failover, and LAN handoff to any device via Ethernet or Wi-Fi. With **pre-configured mission profiles** and a hardened form factor, it ensures communications continuity with minimal user interaction or setup—no **IT support required**.

Key Features

- Multi-transport bonding:** Aggregates LTE/5G, Ethernet, Wi-Fi, and SATCOM
- Secure encrypted overlay:** IPSec tunnels with adaptive failover logic
- Compatible with all IP-based traffic:** Seamless integration with existing C2
- Autonomous operation:** Reconnects failed links automatically
- Dynamic load balancing:** Real-time distribution of traffic across available links
- AI-driven optimization:** Intelligent, automated, packet-level routing based on link health and mission needs
- Pre-loaded mission profiles:** Selectable PACE configurations for rapid deployment
- IPSec packet obfuscation:** Anonymizes traffic and enhances operational security
- Post-quantum secure:** Compatible with all approved CSfC solutions
- LAN/Wi-Fi handoff:** Directly connect laptops and cellular devices
- Siple UI:** Intuitive interface for setup, monitoring, and live link visualization
- Hardware-agnostic available:** VM-only variant integrates with existing platforms
- No cloud dependency:** Requires no external orchestrator or NOC for operation

Technical Specifications

Transports Supported	Cellular (4G/5G/LTE), WIFI (2.4GHz, 5GHz), Wired (DSL, Cable, Fiber), SATCOM (GEO, MEO, LEO), RoIP
Max Number of Devices	10
Upload Speeds	50 Mbps
Download Speeds	150 Mbps
Encryption	Post-quantum, AES-256, CSfC compatible
Load Balancing	Custom priority based routing
Self-Healing	Auto-rejoin with session state recovery
Obfuscation	Commercial link camouflage
Network Monitoring	Mobile application, web application
Ethernet Ports	4x GbE LAN
Power Input Options	4AA batteries, 12 V DC, 120 V-AC
Dimensions	5.5 in × 5.2 in × 2.5in
Weight	1.8 lb
Operating Temperature	−20°F to 120°F

Contact

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Multi-transport bonding: Aggregates LTE/5G, Ethernet, Wi-Fi, and SATCOM
Secure encrypted overlay: IPSec tunnels with adaptive failover logic
Compatible with all IP-based traffic: Seamless integration with existing C2
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Dynamic load balancing: Real-time distribution of traffic across available links
AI-driven optimization: Intelligent, automated, packet-level routing based on link health and mission needs
Pre-loaded mission profiles: Selectable PACE configurations for rapid deployment
IPSec packet obfuscation: Anonymizes traffic and enhances operational security
Post-quantum secure: Compatible with all approved CSfC solutions
LAN/Wi-Fi handoff: Directly connect laptops and cellular devices
Simple UI: Intuitive interface for setup, monitoring, and live link visualization
Hardware-agnostic available: VM-only variant integrates with existing platforms
No cloud dependency: Requires no external orchestrator or NOC for operation

Technical Specifications

Transports Supported	Cellular (4G/5G/LTE), WIFI (2.4GHz, 5GHz), Wired (DSL, Cable, Fiber), SATCOM (GEO, MEO, LEO), RoIP
Max Number of Devices	50
Upload Speeds	150 Mbps
Download Speeds	500Mbps
Encryption	Post-quantum, AES-256, CSfC compatible
Load Balancing	Custom priority based routing
Self-Healing	Auto-rejoin with session state recovery
Obfuscation	Commercial link camouflage
Network Monitoring	Mobile application, web application
Ethernet Ports	6x GbE LAN
Power Input Options	4AA batteries, 12 V-DC, 120 V-AC
Dimensions	5.75 in × 5 in × 2.5 in
Weight	2.75 lb
Operating Temperature	−20°F to 120°F

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