



THALES

Thales Defense & Security, Inc.

Products



22605 Gateway Center Drive
Clarksburg, MD 20871

CAGE Code 23386

EDGE-Lite

Compact On-The-Move Command Post System

Allowing Users at the Tactical Edge to Act
Decisively with Real-Time Information



EDGE-Lite delivers a mission-ready, expeditionary C4I capability purpose-built for tactical users operating in dynamic environments. Supporting both On-The-Move (OTM) and At-The-Halt (ATH) operations, the system combines portability, modularity, and flexibility to unify communications across tactical, SATCOM, and IP networks. Engineered for DoD and Federal organizations, EDGE-Lite emphasizes ease of use and operational confidence, enabling warfighters to sustain reliable connectivity in both permissive and contested conditions. EDGE-Lite's platform-agnostic architecture supports seamless integration across fixed sites and mobile platforms, removing traditional deployment constraints while converging terrestrial networks (including LTE/5G) with satellite communications. Through automated PACE (Primary, Alternate, Contingency, Emergency) network management, EDGE-Lite ensures resilient communications pathways while enabling access to federated cloud services and streamlines critical data exchange between the tactical edge and higher echelons.



Capabilities

Key Features

- > Supports up to five plug-and-play transport nodes
- > Two organic transport layers (LTE, Iridium)
- > Additional three user selectable devices (e.g. SATCOM, computers, etc.)
- > Auto PACE between tactical and mid-tier MANET with ATH and OTM satellite for extendable network
- > Single-Enclave
- > Cross-band two tactical MANET networks
- > DRAGON 5G for private tactical application
- > Symbiotic interoperability with CodeMettle Nexus and Terminus

Technical Specifications

Physical Parameters

Dimensions: (21 in x16 in x11 in)

Typical transport layers (user selectable options)

- AN/PRC-148F
- AN/PRC-170
- Silvus StreamCaster® (4200)
- Persistent Systems MPU5
- Starlink
- Other (user selectable)

System Components

Universal handheld radio adapters: two

Base transport layers: two LTE/Wi-Fi (includes 1-year Netcloud mobile plus advanced plan) Iridium (includes 1-year air time, then recurring—10 GB standalone system)

Tactical network layers: two (user selectable)

Power: 2x BA-2590 as well as multiple external power sources

Compute: Intel NUC Nano

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DoD/Federal



Specifications are subject to change without notice.

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