

VIASAT ELITE HEADQUARTERS FOR COMBAT EMPLOYMENT

ELITE is a mission-ready *Expeditionary Lightweight Integrated Tactical Edge (ELITE)* Headquarters network kit that enables soldiers on the front lines with enhanced situational awareness and resilient communications.

Viasat's portable ELITE Headquarters kit brings mobile C5 solutions for the TOC/ FOB and Mobile Command environments through enabling rapid setup/tear down and seamless connectivity to multiple disparate networks across existing military computing environments. ELITE HQ delivers real-time data and distributed cloud access, enabling the Common Operational Picture, mission ISR, sensor fusion, and emerging capabilities including telematics and medcom.



COMPONENT	DESCRIPTION
C2 Applications	C2 software providing ground radar and datalink integration, data fusion and correlation, and Common Operating Picture (COP) for real-time Situation Awareness (SA)
Tactical Radio Gateway	Multi-channel communications including Link-16, SADL/EPLRS, SINCGARS, ANW2C, IW, DAMA, V/ ULOS; PacStar tactical compute for host/bridge/gateway function; KG-250X Type 1 Crypto and GD TACDS Cross Domain for multi-level networks
Intra-Node Comms	Stand-alone LTE and 5G networks for local connectivity
Inter-Node Comms	Low LPI/LPD Free Space Optics (FSO) exceeding 10Gbps over 20km for connecting between TOC/ FOB
High-Capacity SATCOM for BLOS Comms	Portable Multi-Mission Terminal (MMT) for Military/Commercial Ku/Ka and X-Band
SIPR/NIPR/JWICS Access	Hosted on portable servers with Type 1 DAR/DIT capability
Network Routing/Management	NetAgility enabling rapid network setup and resilient connectivity
Cyber Monitoring	Network and EUD monitoring integrated with real-time Threat Intelligence, backed by our 24/7 CSOC
Tactical Radios	Support for Trellisware, Silvus, PRC-148C, PRC-161, PRC-163, PRC-167. ELITE supports future radio integration as a transport agnostic solution
Secure EUDs for disconnected SA	S20 Tactical Edition (TE) kits with ATAK and Mobile Dynamic Defense (Cybersecurity)

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