



# Deployable Edge Network Suite (DENS)



The "DENS" is a rugged secure communications suite housing two Trusted Computers/router (capable of CSfC) (one SIPR, one NIPR). The suite allows for voice, VTC, and Data communications. Designed to meet TEMPEST.

Each router houses a computer with an Intel i7 4 core, 16GB DDR4, and 1TB of storage, which can run Windows, Linux CentOS, Ubuntu, and RHEL. The custom power supply has AC and DC input and output capabilities with an external case heat sink for the ability to operate with the case closed. The suite houses either one TEMPEST IP phone or two standard IP phones for unclassified to top secret calls and a Cradlepoint router for uninterrupted seamless switching between LTE, WIFI, 4G/5G and satellite connectivity.

Achieve secure communications using an encryption device for top secret communications. IO is accessible from both sides of the waterproof case by opening sealed side doors. Included in the lid are accessory compartments for housing extra cables and peripherals. The case is equipped with wheels and a handle that extends for ease of transport.

## SPECIFICATIONS

Size: 21.70" x 14.10" x 8.90" (TSA overhead compliant)  
Weight: 38lbs  
Power: DC: 12-36 VDC AC: 85-264 VAC-47-63hz

- Designed using two Trusted Computers (capable of CSfC) Red/Black architecture SIPR/NIPR
- Designed for use with Viasat KG-250XS/GD KG-175N
- Storage for two IP phones or a single TEMPEST phone
- Multi-input (AC and DC) power supply with backup Battery run time of 15 minutes
- SLA batteries
- Black side I/O – 2x WAN, 4x LAN (2 with PoE); 48VDC power for spare router
- Red side I/O – 2x SC type fiber; 2x RJ45 copper with shielded cover
- External (power supply) heat-sink for longer operation with lid closed
- Specifications and weight subject to change



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