



# TOCK

## NSA CSfC Tactical Operations Communication Kit (TOCK).

### Assured interoperable communications

- IP voice
  - Cisco UCM /CME, WAVE, WIN-T, H.322, SIP
  - Codecs: G7.11, G.726, G.729, MSADPCM, MELPe, CVSD
- Radio voice and data (LOS/MANET)
  - Radio control / Radio relay / Radio cross banding / Radio conferencing
  - Supported tactical radios: ARC-220, ARC-231, PRC-117F, PRC-117G, PRC-148 MBTR, PRC-148 JEM, PRC-150, PRC-152, PRC-152A, PRC-154, PRC-155, PRC-158, PSC-5D, STE-R and SINCGARS RT-1523D
  - Land Mobile Radio (LMR)
  - MANET Radio (Silvus, TrellisWare, Persistent Systems)
- SATCOM (BLOS)
  - Built-in Iridium modem with handset (standard configuration)
  - Any SATCOM ethernet connection
- PACE plan implementation
  - Cellular (2 SIM slots, standard configuration)
  - SATCOM
  - SD-WAN option
- **SATCOM (BLOS)**
  - Built-in Iridium modem with handset (standard configuration)
  - Any SATCOM ethernet connection



TOCK  
Manpack

### RoIP to IP Radio Gateway

- Audio / Data
- IP / RoIP



PAC



RoIP Mobile Unit



TOCK

### TOCNET® Soft Crew Access Unit (CAU)

- Desktop, mobile, dismount
- Windows, Linux, Android

### Voice/Data Interoperability

- LOS / BLOS / MANET
- RoIP
- VoIP
- SATCOM
- Unicast / Multicast
- Conferencing
- Talk Groups
- ICS

### TOCNET® Radio Gateway

- Audio / Data
- IP / RoIP
- Relay and cross-banding



# PAC

## NSA CSfC Private Access Cellphone (PAC).

### Multi-Enclave End User Device

### CSfC VPN Encryption Device



- One Device – multiple security enclaves
  - Redwall Mobile multiple Mode and persona's
- CSfC and NIAP certified
  - Data-at-Rest (DAR) and in transit (CSfC VPN)
  - AES and Elliptic Curve Cipher Suites
  - Up to Top Secret
- End-to-End encrypted voice and data
- FIPS 140-2 level 3 Validated
- MIL-STD-810G and IP67
- OTA Device and Key Management

- Compatible with any IP-enabled device with near zero configuration required
- Preset to block all inbound traffic and allow only device-established connections
- Captive Portal Isolation
- Commercial National Security Algorithms (CNSA) Level Cryptography
- Commercial Solutions for Classified (CSfC) Approved
- National Information Assurance Partnership (NIAP) Certified
- Federal Information Processing Standards (FIPS) Compliant
- Tested on up to 5 Concurrent WiFi Devices (LAN)
- Tested on up to 30 Concurrent Ethernet Devices (LAN)
- Network Interfaces: 2 x 1Gb Ethernet on RJ45, 2 x Wi-Fi (2.4 & 5 GHz)
- IKEv1 with pre-shared keys (quantum-resistant), and IKEv2 with certificates (with mandatory support for NAT traversal)

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