Software Version 3.0

NSA Certified Mobile Type 1 Network Security

Talon2 is a versatile high-assurance encryptor that enables users to access secure networks from virtually anywhere. KOV-26B secures data classified up to TS/SCI across unprotected networks such as NIPRNet or the Internet. KOV-26B’s small size, low-cost, and operational flexibility make it the perfect solution for the traveling user, telecommuting, and PDS avoidance.

PRODUCT DESCRIPTION

Talon2 is a rugged, low-cost, high-speed encryptor that is interoperable with HAIPE protocols. It is used with a personal computer and communicates over a variety of network interfaces including Ethernet and Wi-Fi. This operational flexibility supports a wide range of users and applications.

Talon2 supports high speed secure data connections (up to 10 Mbps) as well as secure voice applications using a VoIP Phone or the laptop soundcard. A user can use Talon2 to access their SIPRNet email account.

Talon2 includes a Graphical User Interface so users can be up and running with minimal training.

FEATURES

• Security
  - Type 1 security protects data up to TS/SCI
  - 32 Simultaneous Security Associations
  - Handled as CCI—even when keys are loaded

• USB 2.0/3.0 Host Interface (PT Port)
• USB 2.0 Network Interface (CT Port)
• Powered by the host laptop
• Only 9 ounces
• 3.3”W x 5.5”L x .7”H
• NSA HAIPE 3.1.2 Compliant
  - High Speed Networking (up to 10 Mbps)
  - Dynamic Addressing (DHCP)
  - NAT Traversal

• Applications:
  - Remote Access to Secure Networks
  - Airborne and Tactical Vehicles
  - Embedded Solutions
NSA Certified Versatile Type 1 Network Security

TALON2 SPECIFICATIONS

- Interoperability: HAPE 3.1.2
- Security: NSA Certified Type 1 High Assurance, TS/SCI and below: COMSEC Controlled Cryptographic Item (CCI)
- Interfaces:
  - Plain Text: USB 3.0/2.0
  - Cipher Text: USB 2.0
- Network Interfaces (RJ-45, 802.11 b/g/n dual band)
- Data Rates: up to 10 Mbps
- Design Compliance: EMC/EMI
  - FCC PART 15 Subpt. B, CLASS AI,
  - EN55022, AS/NZS 3548, VCCI (Japan),
  - NSTISSAM, TEMPEST 1/92
- Key Management:
  - Enhanced FIREFLY, Pre-Placed Key,
  - International DePac, DS-101
- Power: Host Computer
- Upgradable
  - HAPE v.4.1.2

TALON2 COMPONENTS

Talon2's small, lightweight, portable form factor makes it an ideal solution for traveling users. KOV-26B’s flexible network interface enables the use of COTS components.

- Talon2 Cryptographic Token
- Talon2 Communications Adapters:
  - Wi-Fi Adapter (802.11 b/g/n/dual band)
  - Ethernet Adapter
- Talon2 Host Software
  - Software for the host computer
  - Operator Manuals
- Talon2 Key Fill cable

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