

Sectéra® Wireline Terminal (Type 1)

Information Assurance for Voice and Data Communications



Overview

The Sectéra® Wireline Terminal is a portable, cost-effective encryption solution to secure voice and data communications via a standard analog phone, fax or personal computer. The Wireline Terminal's small footprint and light weight are ideal for users on the move or for stationary environments with minimal space.

The Sectéra Wireline Terminal is easy-to-use and makes secure calling virtually transparent. The terminal can be used with a commercial Group 3 fax machine to exchange classified documents while on a secure call by simply switching modes. Group 3 fax machines use commercial standards and are commonly available.

The Sectéra Wireline Terminal is NSA certified to protect information classified Top Secret and below using Type 1 encryption algorithms. For users not requiring Type 1 encryption, an interoperable AES solution is available. The terminal is available with multiple key-sets to support U.S. government sponsored interoperability (e.g., NATO and coalition).

The NATO Military Committee has approved the Sectéra Wireline Terminal for the encryption of all levels of NATO classified information.

Sectéra ISDN Interface Adapter Kit

The Sectéra ISDN Interface Adapter Kit is available to provide end-to-end high assurance secure voice and data communications for ISDN networks. The kit is adaptable to the user's current ISDN telecom environment and can be installed at the user's desktop with a single power supply. The kit can be used in North America without an NT adapter. The kit consists of:

- General Dynamics' Sectéra Wireline Terminal
- MultiModemISDN™
- Console
- Interconnecting Cables

Reliable, High-Quality Products

The Sectéra Wireline Terminal is a core product in the Sectéra portfolio of secure interoperable wireless and wireline products. The Sectéra family of products offers Type 1 encryption for authorized U.S. government personnel over PSTN, VoIP, ISDN, GSM wireless, and Iridium®, Inmarsat®, Globalstar and Thuraya satellite networks.

High Assurance Voice and Data Security for Phone, Fax, and PCs

NSA certified for Top Secret and below

Certified to secure Classified fax documents using commercial fax machines

Small size and weight for easy portability

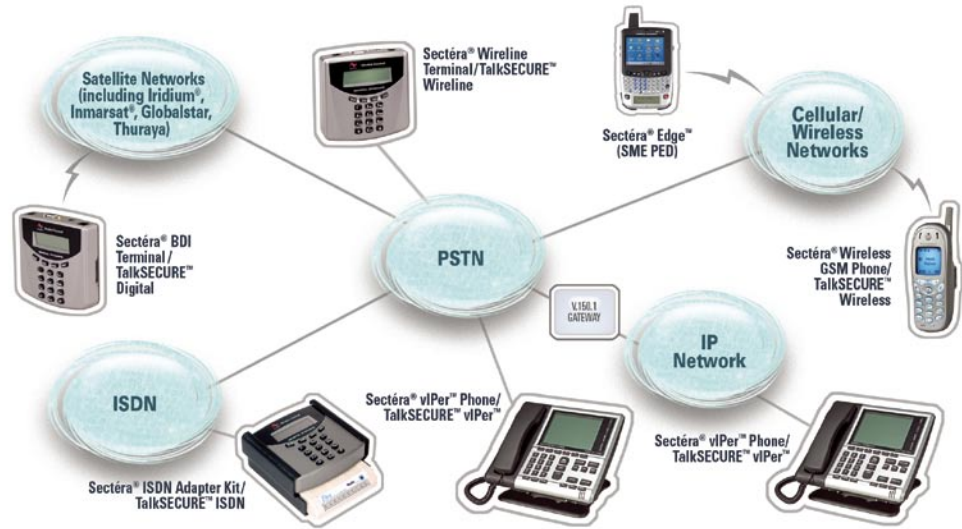
Cost-effective transition from STU-III to SCIP standards



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Features at a Glance

- Software upgradability allows users to incorporate the latest enhancements
- Standard 56 KB modem provides enhanced data rates
- Contains security and authentication display and voice prompts to assist with security setup
- Includes standard AT command set, secure access control, access control list and secure dial
- Access is via PIN, with support for multiple users
- Supports U.S. Crypto Modernization



Sectéra®/TalkSECURE™ Interoperable End-to-end Secure Voice/Data Communications

Sectéra Wireline Terminal Specifications

Size

- Width: 5.0 in.
- Height 1.3 in.
- Depth: 4.6 in.
- Weight: 10 oz.
- Volume: 30 cu in.

Black Interfaces

- PSTN: RJ11

Red Interfaces

- Phone: RJ11
- RS232: 9 Pin RS232

Power

- AC Power: 110 to 220 VAC (< 6 Watts)

Modem

- V.32/V.34/V.90

Data Rates

- Up to 56,000 BPS*

Secure Dial

- Transmit/Receive: Yes

Speech Processing

- Toll Quality:
 - 6.4 KBPS — G.729D
 - 2400 BPS — MELP

Environment

- Tested for Thermal Shock, Vibration, Shock and Temperature**
- Operational: 0° C to 50° C (32° F to 122° F)
- Storage: -20° C to 70° C (-4° F to 158° F)

Approvals

- TSG and TEMPEST Approved
- Connection (Telecom):
 - ANSI/TIA-968-A-2002 (US) CTR21 (EU)
 - IS CS-03, Issue 8 (Can)
 - AS/ACIF S002:2001 (AUS)
 - PTC200: ISS2 (NZ)
- Safety:
 - UL 60950, EN60950, IEC60950
- EMI/EMC:
 - FCC Part 15 subpart B, Class B
 - EN55022/EN55024

* When other end is attached to a secure digital link.
 ** See www.gdc4s.com/secureproducts for more details.



GENERAL DYNAMICS
 C4 Systems

Secure Communications: We Bring You What's Next

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