

High Speed Data Encryption on Digital and Analog Networks

PRODUCT DESCRIPTION

The Data STE is the premier solution for Type-1 dial-up secure data transfer. The Data STE provides users with the convenience of remote control operation and the efficiency of high speed data encryption (ISDN). These capabilities enable faster and higher quality transfer of classified data. The Data STE is both digital and analog network compatible making it the most versatile server-side security module. The Data STE is NSA certified for protection of data at classification levels up to Top Secret/Sensitive Compartmented Information (TS/SCI).



FEATURES

- ISDN BRI and PSTN
- SCIP Signaling
- Remote Control Operation
- Serial Data Interface
- Windows™ Compatible
- Fast Secure Call Set-up
- Supports Electronic Rekey
- Hardware Flow Control
- Supports KSV Series Crypto Cards

APPLICATIONS

- Remote Access to Classified Networks
- Secure Data File Transfer
- Remote Access Server Security to accommodate STE and SCIP Client Access



PERFORMANCE CHARACTERISTICS

Security Features:

- US Government Enhanced Crypto Card (KSV Series Cards), SBU to Top Secret/SCI
- Secure Access Control System (SACS)
 - Access Control List (ACL)
 - Maximum and Minimum Security Levels
- Tempest Compliance
- Telephone Security Group (TSG) qualified

Selectable STE Features:

- Secure Only Mode
- Zeroize Terminal
- Terminal Self-Test Diagnostics

Interfaces:

- External Power Supply
- EIA -232E/EIA-530A Selectable, DB-25
- Network
 - ISDN, BRI 2B+D, RJ-45 S/T Interface
 - PSTN, 2-wire, RJ-11
- Front Panel Console Port, EIA-232E, Mod Jack
 - User Friendly Configuration via Standard PC

Design Compliance:

- NSA Security Requirements
- FCC Parts 15 & 68
- US: EMC/EMI MIL-STD-461B RS03
- Europe: EMC, ISDN TBR-3
- ETL Listed (Conforms to UL, 1950)

Power Requirements:

- External Power Supply 90-253 VAC, 47-63 Hz
- Auto-ranging
- 20 Watts Maximum

Environmental:

- Operating Temperature: 0° to 40°C
- Operating Rel Humidity: 10% to 90%Non-condensing
- Storage Temperature: -20° to 60°C

PHYSICAL CHARACTERISTICS

Size: 10" W x 9.5" D x 4" H

Weight: 6 lbs.

SPECIAL FEATURES

User Community:

- U.S. Armed Forces, Federal Government, and Government Contractors
- CCEB Countries, NATO Member Nations, and Coalition Partners

Switch Interoperability:

- PSTN: Standard Analog PBX and Commercial Switches
- ISDN: NI-1/NI-2, DEFINITY (WC BRI & 8510T), 5ESS, DMS100,
- European ISDN: ETSI - Net3
- Equipment Interfaces: Standard PC with Software Drivers

Unique Features:

- Upgrade via Software Download
- Stackable
- Remote Control via AT Command Set
- Auto Answer/Unattended Operation
- Front Panel Status Indicators/Reset and Zeroize Switches
- Hardware Flow Control
- Terminal is unclassified (non CCI) when KSV-21 is removed

SECURE DATA APPLICATIONS

Data Rates (Kbps):

Synchronous Secure:

STE (FDX) 2.4, 4.8, 9.6, 19.2, 38.4, 56.0, 64.0, 112.0, 128.0

Asynchronous Secure:

- STE (FDX) 2.4, 4.8, 9.6, 19.2, 38.4, 115.2
- SCIP (FDX) 4.8, 9.6, 24.6

Notes: Windows™ compatible

WARRANTY

- 36 Month Standard
- 1 year and 2 year optional extensions available

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