

DATA/STE

A SINGLE INTEGRATED PACKAGE FOR 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 end 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 terminal is both digital and analog, allowing backward compatibility with STU-III and PSTN connectivity, thus providing the most versatile server side security module. The terminal incorporates STE, STU and SCIP signaling to provide wireless and foreign interoperability. The terminal is NSA certified for operational traffic at classification levels ranging from unclassified through Top Secret Sensitive Compartmented Information (TS SCI).



FEATURES

- ISDN, (2B+D) and PSTN
- STE Signaling
- SCIP Signaling
- STU-III Signaling
- Serial Data Interface
- Windows™ Capability
- Fast Secure Call Set-up
- Supports Electronic Rekey
- Remote Control Operation
- Hardware Flow Control

APPLICATIONS

Secure Data Communications:

- Remote Access to Classified Networks
- Data File Transfers
- Remote Access Server Security to accommodate STU-III, STE, and SCIP Client Access



Communication Systems – East

Data/STE

PHYSICAL CHARACTERISTICS

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

Weight: 6 lbs

PERFORMANCE CHARACTERISTICS

Security Features:

Information Protected by PCMCIA Crypto Card

- US Government FORTEZZA Plus (KOV14, KOV-15, SOV-16), 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
- 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
 - Supports User Friendly Configuration via Standard PC (Program Included)

Design Compliance:

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

Power Requirements:

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

Environmental:

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

SPECIAL FEATURES

User Community:

- U.S. Federal Government
- U.S. Government Contractors
- U.S. Armed Forces
- 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:

- STU-III Backward Compatibility
- Upgrade via Software Download
- One (1) Expansion Type III PCMCIA Slot
- Stackable
- Remote Control via AT Command Set
- AutoAnswer/Unattended Operation
- Front Panel Status Indicators/Reset and Zeroize Switches
- Hardware Flow Control
- Terminal unclassified (non CCI) without FORTEZZA PLUS Crypto Card inserted

WARRANTY

- 36 Months Standard
- 1 Year and 2 Year Optional Extensions

SECURE DATA APPLICATION

Available 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
- STU (FDX) 2.4, 4.8, 9.6

Asynchronous Secure

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

Notes: Data rate auto negotiation with Rel. 2.2 and higher STEs. Windows™ 95, 98, 2000, NT compatible

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communications

Communication Systems–East

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