

STE Product Family



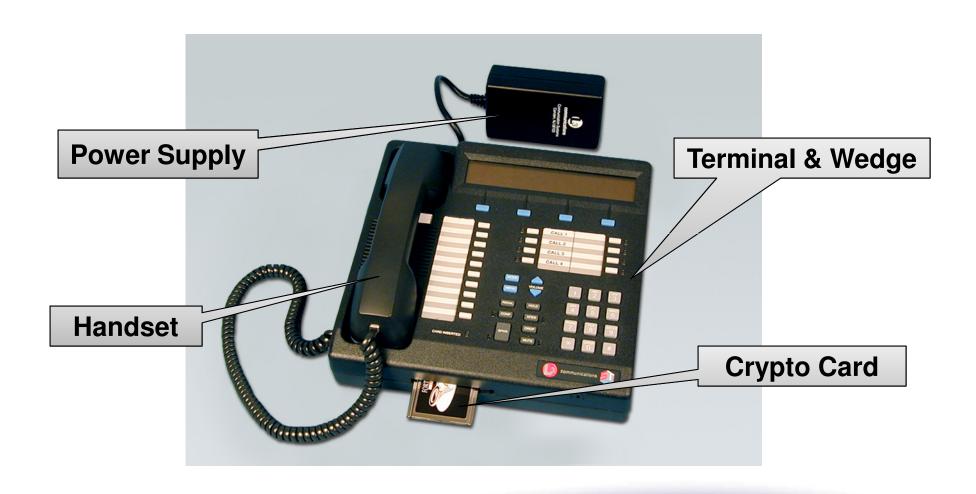
STE Overview

• The STE provides secure and non-secure voice and data communications over the PSTN and ISDN networks.

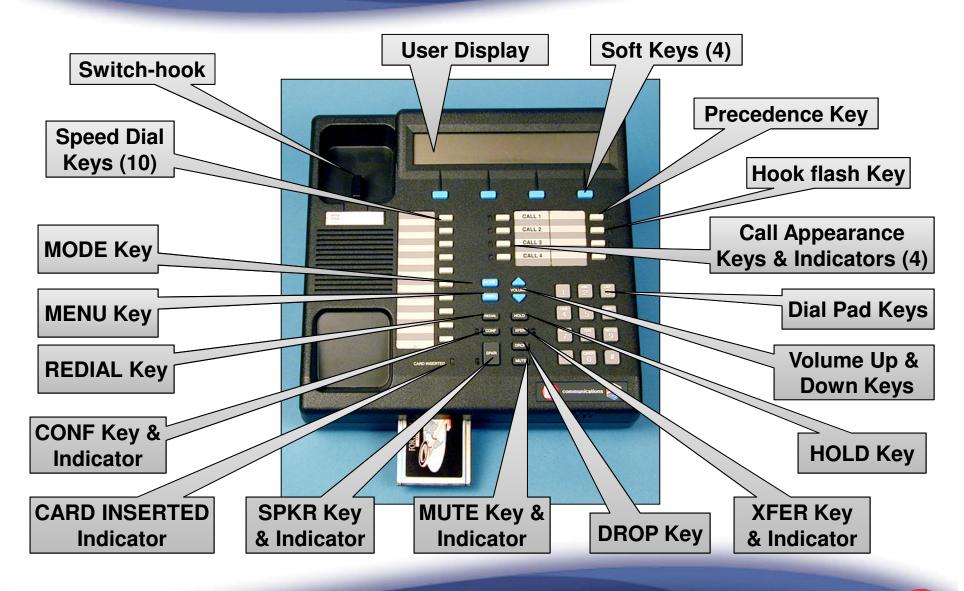
- The STE supports voice and data security requirements at classification levels up to TS /SCI.
- Weight: 7 lbs
- Contains external power supply
- NSA, Tempest and TSG Accredited, as well as JITC Approved
- Interoperability with SCIP equipment

The Industry Standard for SCIP Type-1
Voice and Data Communications

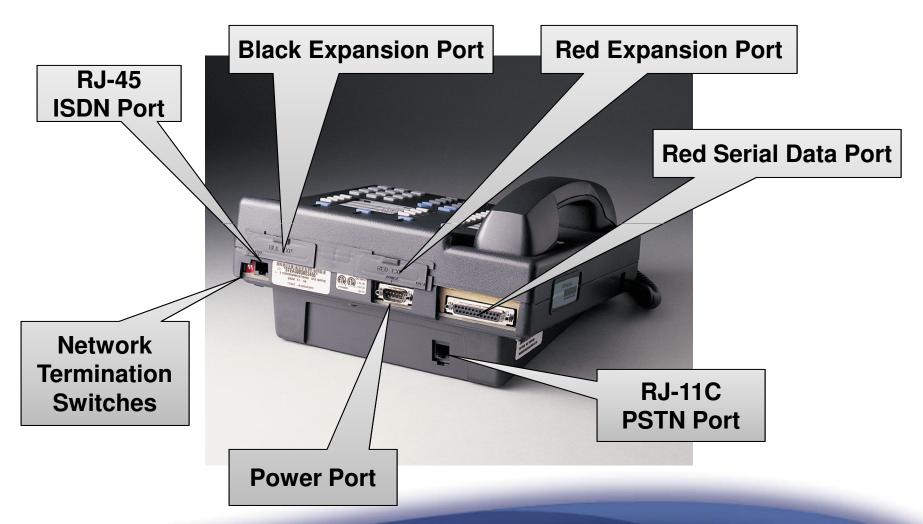
Primary Parts of the Office STE



STE Front Panel Controls and Indicators



Office STE Connectors



STE User Functions

MUTE

- Prevents the far-end from hearing your local conversations.

REDIAL

Redials the last number dialed from the DIAL PAD KEYS

PRECEDENCE DIALING

- Available only on a Multi-Level Precedence Preemption (MLPP) capable network (PSTN, TRI-TAC and ISDN if supported).
- Allows the AUTOVON precedence tones to be transmitted. The default setting is Routine.

DROP

- Available on ISDN only.
- Disconnects last party added in a conference call.

HOLD

- Available on ISDN only.
 - If your switch supports the HOLD function, once a call is placed on hold, you can place or answer other calls.
 - If your switch does not support the HOLD function, depressing HOLD places the STE in a "Terminal Hold" mode and you cannot take or make other calls.

STE User Functions

TRANSFER

- Available on ISDN only.
- This feature is supported in Non-secure voice only.
- If available, you can transfer a call from your STE to another phone line.
 - * A transfer feature may be available on PSTN. If supported you will use the HOOKFLASH key to make the transfer.

CONFERENCE

- Available on ISDN only.
- This feature is supported for Non-secure voice in all releases. STE Secure Casual Conference is supported in Release 2.0 and later.
- If available, allows multiple parties to be connected together in a shared (conference) call.
 - * A conference feature may be available on PSTN. If supported you will use the HOOKFLASH key to set the conference.

HOOKFLASH

- A feature that may be available on PSTN service.
- This feature is supported for Non-secure voice only.
- If "call waiting" is available allows you to switch between the calls.
- If "call transfer" is available used to transfer calls to another line.

STE System Administration

The System Administrator is responsible for the configuration of STE

- Establishes Terminal Privilege Authority (TPA) Card
- Configures the Security Features of the STE
 - Secure Access Control System (SACS)
- Manages Users KSV-21 Crypto Card
 - Creates / Deletes Associations
- Installs STE and KSV-21 software upgrades

STE Product Family

Office STE

Tactical STE

Data STE







- Enhanced ISDN features
- International PSTN
- Direct 4W interface
- SCIP on Tactical
- Supports STE, SCIP and STU-III modes

The STE-R Family



- STE-R Remote
- STE-RI ISDN Only
- STE-RT Tactical
- STE-RC CEU Module

VoIP STE



- SCIP over IP
- Network Consolidation
- TSG Certified*

Secure Voice Conferencing System (SVCS)



- Up to 160 Conferees
- Turnkey System
- 12 systems delivered
- On STE ID/IQ contract

STE Functionality Updates

STE SW Rel. 2.6 - NSA Certified 01/10/08

- New Baseline for STE
- Adds Enhanced Cryptographic Card (ECC) (KSV-21) Support
- Adds Version 1 Mode Change
- Adds ISDN Echo-Cancellation
- Uses and Interoperates with previously certified family of FORTEZZA PLUS Cryptographic Cards (FPCC) (KOV-14)

STE SW Rel. 2.7- NSA Certified 6/28/10

- The KSV-21 download
- SCIP 231/Non-Type 1 Secure Voice and Data Integrity

STE SW Rel. 2.8- Anticipated end of 3Q2012

- Lower Battery indicator for KSV-21 Card
- Canadian Re-Key
- SCIP-232(NATO)

National Security Agency



Information Assurance Directorate Certificate

This certificate validates that the Secure Terminal Equipment (STE) Release 2.6 meet the specified security functional and assurance requirements for message confidentiality and message integrity protection for voice and date up to and including TOP SECRET Sensitive Compartmented Information (TS SCI) when operated in accordance with the Operational Systems Security Doctrine (NSTISS No. 3039) and Operational Security Doctrine for the Enhanced Cryptographic Card (ECC) and associated Secure Terminal Equipment (STE) (DOC-007-07).

The STE Release 2.6 software product enhancements add the use of the family of Enhanced Cryptographic Cards (ECC), Version 1 Mode Change, and ISDN Echo-Cancellation. This software upgrade becomes the new baseline for the STE terminals. This version can also use and interoperates with the previously certified family of PORTEZZA PULIS Cryptographic Cards (FPCC).

NISA does not make, by virtue of this validation, any statement or other representation regarding the supplicability or effectiveness of the SIE within a total information system context. The STE may be but one of the necessary, complementary security components needed in a security suite to provide adequate protection to an information system. Security component selection needs to be done in a total system context employing an Information System Security Engineering process.



RICHARD C. SCHAEFFER, JR. Information Assurance

10 Jan 2008



L-3 STE Deployed and Operational



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L-3 Help Desk / Customer Service

- STE Warranty
 - 3-year included with purchase
 - 1 or 2-year extension options
- Technical Support
 - IASupport.CSE@L-3Com.com
 - 1-800-339-6197 (Toll-Free, CONUS)
 - 1-856-338-6207 (Direct)



- US Government Website
 - https://www.iad.gov/securephone/index.cfm