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

- Power Supply
- Terminal & Wedge
- Handset
- Crypto Card
STE Front Panel Controls and Indicators

- **User Display**
- **Soft Keys (4)**
- **Precedence Key**
- **Hook flash Key**
- **Call Appearance Keys & Indicators (4)**
- **Dial Pad Keys**
- **Volume Up & Down Keys**
- **HOLD Key**
- **CONF Key & Indicator**
- **XFER Key & Indicator**
- **DROP Key**
- **MUTE Key & Indicator**
- **CARD INSERTED Indicator**
- **SPKR Key & Indicator**
- **MODE Key**
- **MENU Key**
- **REDIAL Key**
- **Switch-hook**
- **Speed Dial Keys (10)**
Office STE Connectors

- Red Serial Data Port
- ISDN Port
- Black Expansion Port
- Red Expansion Port
- Red Expansion Port
- RJ-45 ISDN Port
- Black Expansion Port
- Network Termination Switches
- Power Port
- RJ-11C PSTN Port
- Network Termination Switches
STE User Functions

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

- **REДIAL**
  - 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.
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
- Enhanced ISDN features
- International PSTN

Tactical STE
- Direct 4W interface
- SCIP on Tactical

Data STE
- Supports STE, SCIP and STU-III modes

Secure Voice Conferencing System (SVCS)

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*

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

* 2Q09 L-3’s VoIP STE Received Class-B TSG Approval
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)
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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](mailto: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](https://www.iad.gov/securephone/index.cfm)