

LEADING



STE Product Overview

L-3 Communication Systems-East

Cleared by DoD/OSR for Public Release Under OSR Case Number
08-S-1752 on 6 August 2008

STE Product Family



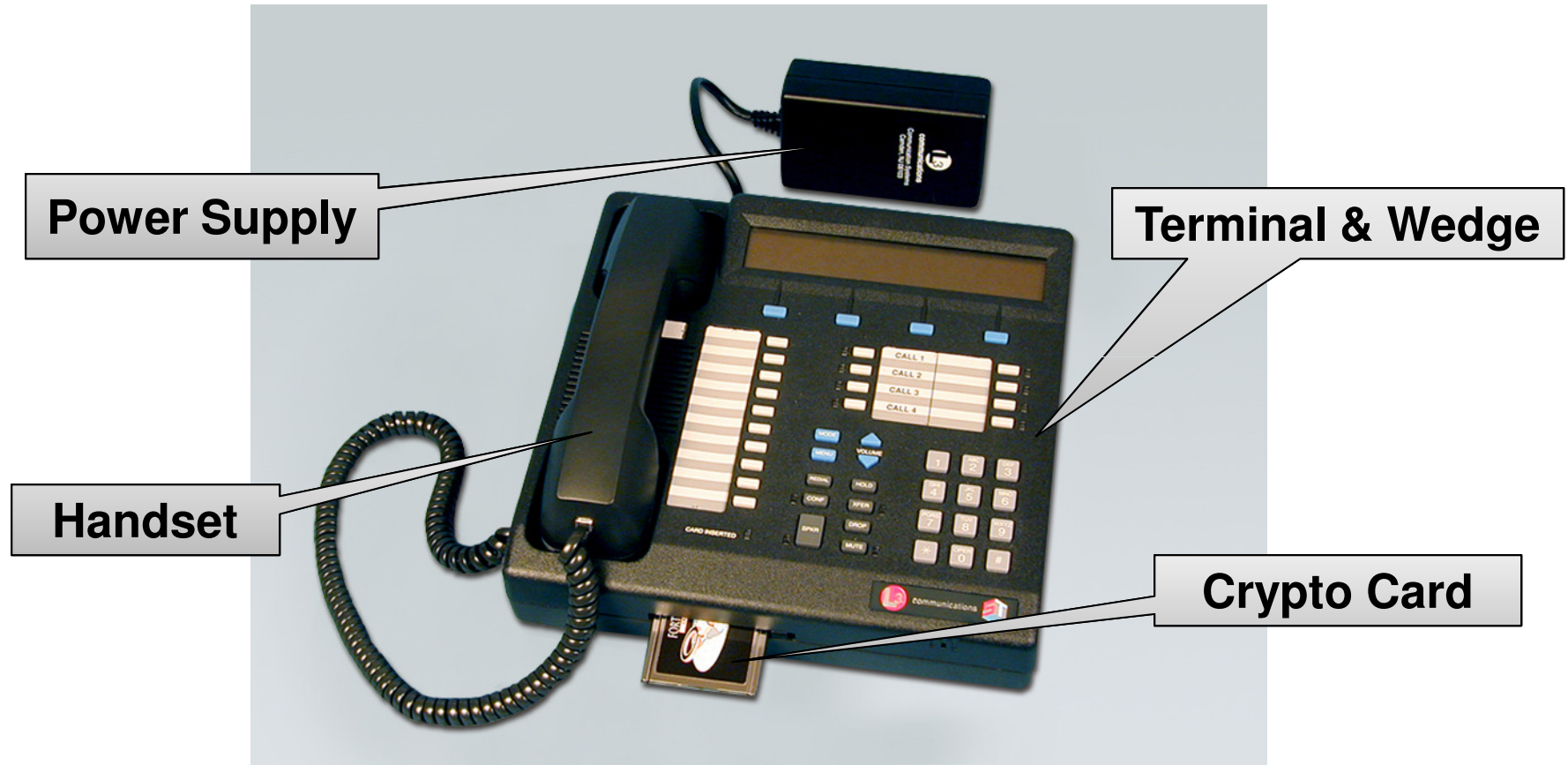
STE Overview

- 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

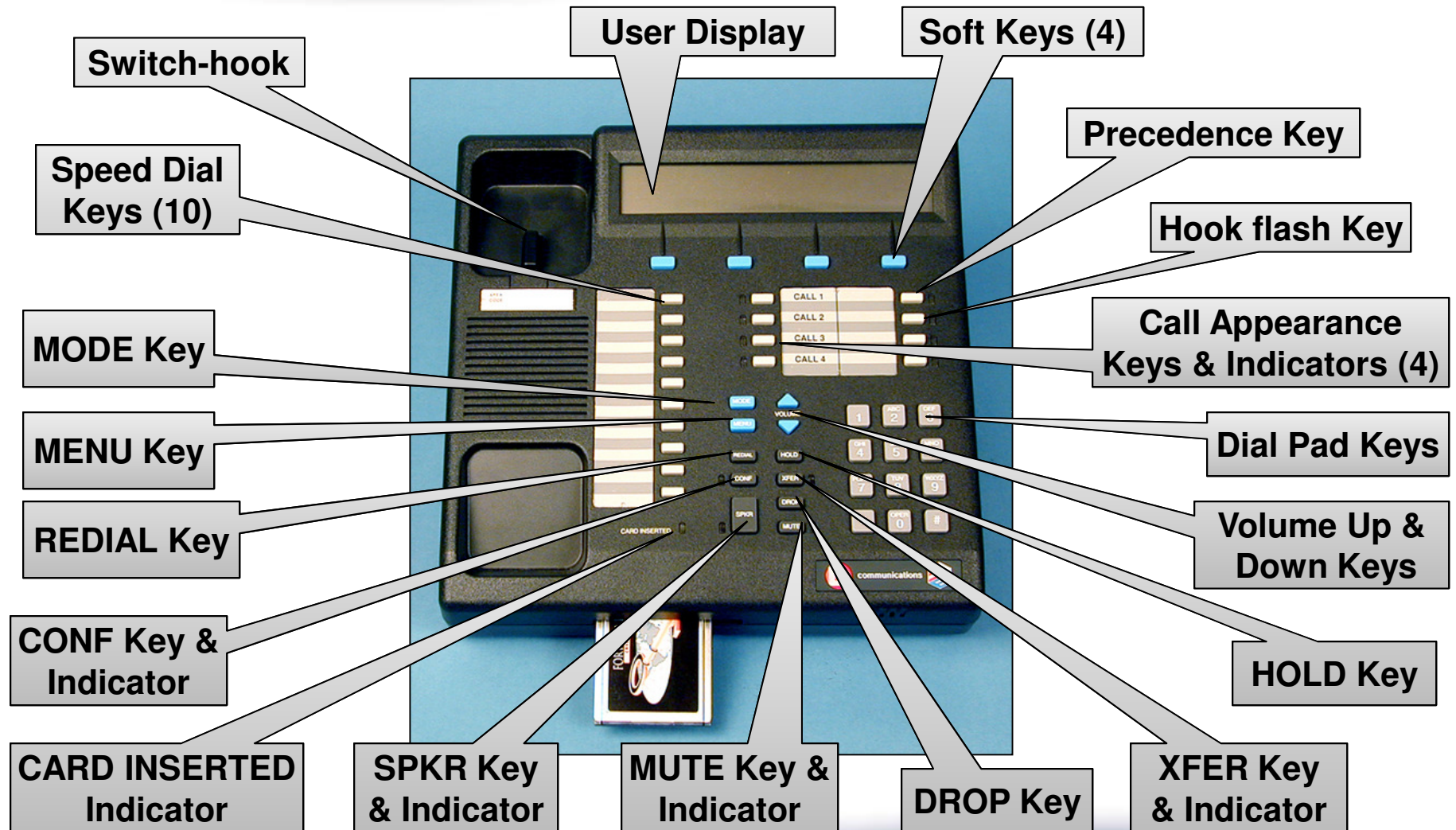


*The Industry Standard for SCIP Type-1
Voice and Data Communications*

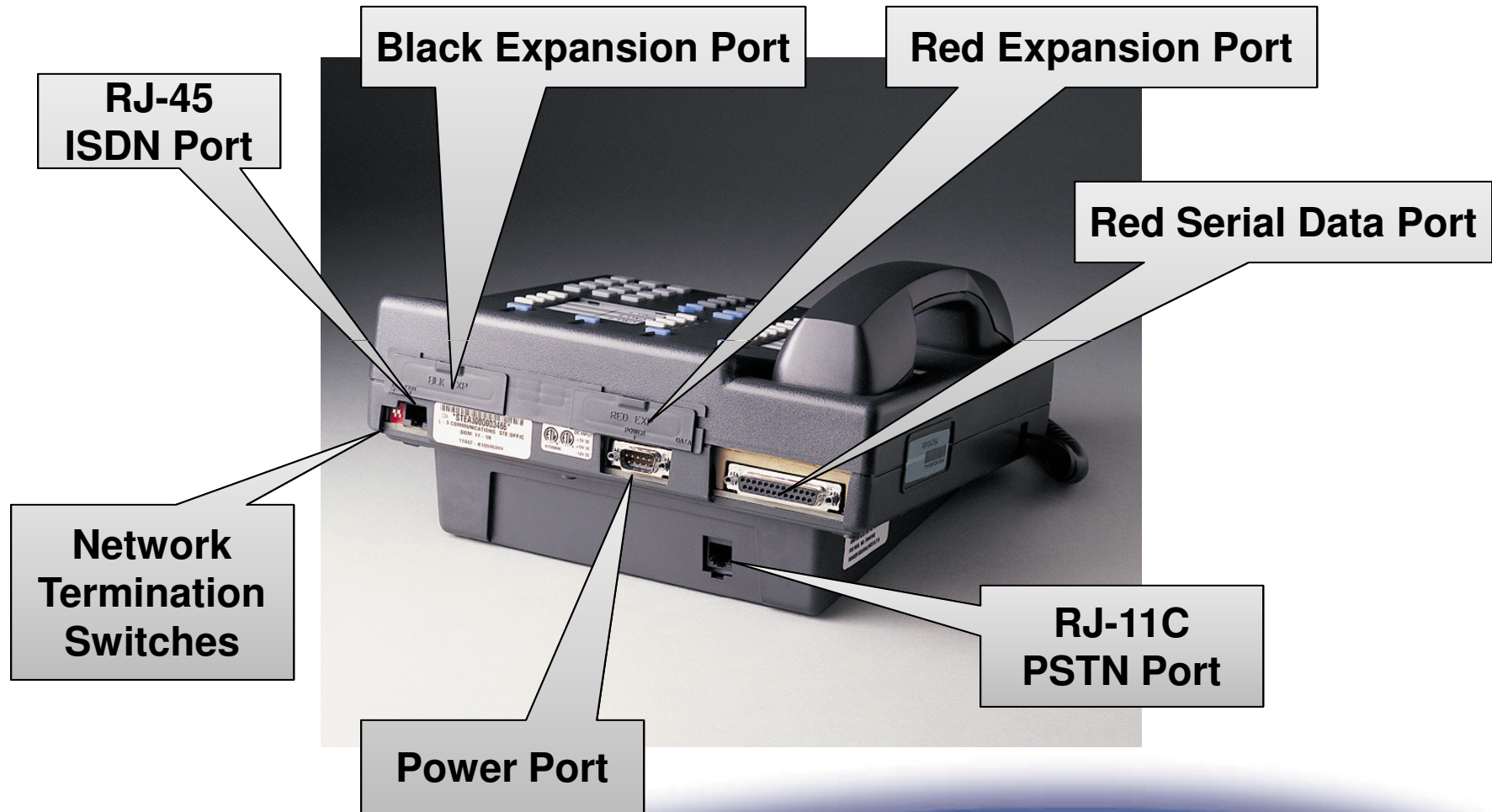
Primary Parts of the Office STE



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



- 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)



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

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*

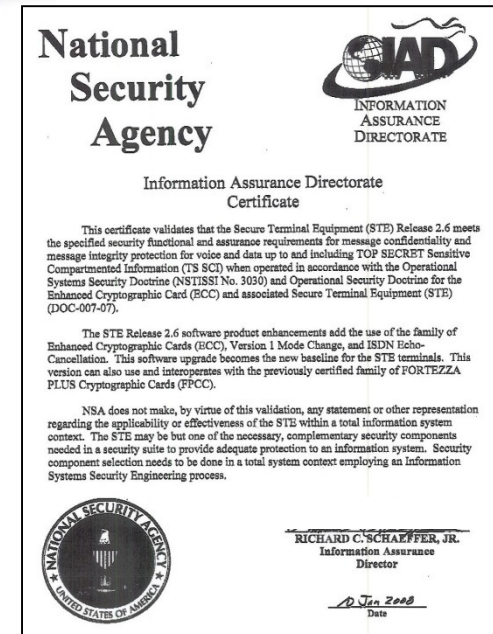
* 2Q09 L-3's VoIP STE Received Class-B TSG Approval



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
 - 1-800-339-6197 (Toll-Free, CONUS)
 - 1-856-338-6207 (Direct)
- **US Government Website**
 - <https://www.iad.gov/securephone/index.cfm>

