Secure LCRS (S-LCRS) Option

OVERVIEW

Modern computer systems used in U.S. armed forces' environments must meet Information Assurance (IA) security requirements. To meet this demand, Compro offers the Secure Legacy Computer Replacement System option (S-LCRS) which can be added to any existing or future LCRS configuration.

S-LCRS is a separate single-point-of access Secure Linux Gateway (SLG) computer system running an IA-approved version of Linux. This SLG connects to one or more Embedded LCRS/Application Processors (ELAPs) that execute legacy SEL/Gould/Encore application code. All console traffic to the ELAPs is via the SLG; therefore, all system access is captured, logged, and archived.

FEATURES

- Information Assurance (IA) compliant
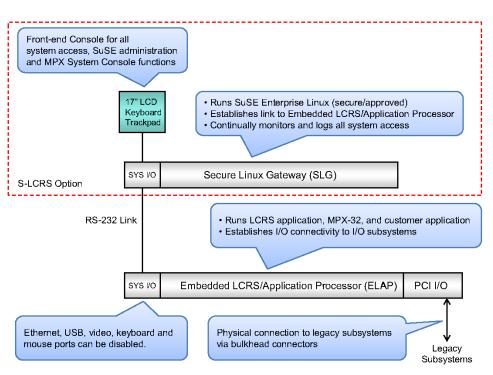- Runs in secure/ approved SuSE Enterprise Linux environment
- True embedded solution

BENEFITS

- Continually monitors, logs, and archives all system access
- Compatible with existing and future LCRS installations

The ELAP executes a combination of customized kernel, LCRS application, legacy MPX-32 operating system, and legacy binary application code.

Because of the custom kernel, the ELAP is truly an "embedded" solution.

For more information, please contact your local Compro sales representative.

Front-end Console for all system access, SuSE administration and MPX System Console functions

S-LCRS Option

17" LCD Keyboard Trackpad

- Runs SuSE Enterprise Linux (secure/approved)
- Establishes link to Embedded LCRS/Application Processor
- Continually monitors and logs all system access

SYS I/O — Secure Linux Gateway (SLG)

RS-232 Link

- Runs LCRS application, MPX-32, and customer application
- Establishes I/O connectivity to I/O subsystems

SYS I/O — Embedded LCRS/Application Processor (ELAP) — PCI I/O

Ethernet, USB, video, keyboard and mouse ports can be disabled.

Physical connection to legacy subsystems via bulkhead connectors

Legacy Subsystems

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