



Luna Remote PED

PRODUCT BRIEF

Benefits

Easy Management

- Remote management of Luna SA HSM security administration functions
- Deploy and initiate HSM remotely

Most Secure

- Tamper-evident seal
- Two-factor authentication for access to remote management functions

The Luna Remote PED is a PIN entry device that connects to any Windows-based workstation via USB cable to enable management of the security administration functions on the Luna SA hardware security module (HSM). Mutual authentication between the Remote PED and the Luna SA provides a secure, encrypted tunnel that protects both the confidentiality and the integrity of the data being exchanged. The device can also be connected directly to the HSM for use in local mode.

Software running on the workstation (Remote PED Workstation Software) acts as a communications bridge between the PED and a Luna SA. The PED Workstation Software communicates with a Luna IS over a TCP/IP socket.

Secure Two-Factor Authentication

The Luna Remote PED employs two-factor authentication for access to security administration functions. To establish the secure connection, the Remote PED Key is inserted into the Remote PED. To complete authentication, a unique PIN is entered using the PED keypad. Once secure communications have been established, all interactions between the Luna SA, Remote PED, and PED keys are performed in exactly the same way as they would be if the PED were locally connected to the HSM. The trusted path extends from the Luna SA directly to the Remote PED, with no air gaps on any device in between, ensuring that there is no chance of intercepting critical PED key data.

Luna Remote PED allows for full separation of the Security and IT roles associated with an HSM. Once the Remote PED role is injected inside the HSM, the IT team can mount it in the datacenter and the persons responsible for the HSM's security administration can perform their duties without the need to enter the data center.

Easy Management

The Remote PED allows the security administrator to centrally manage security administration functions on an HSM by simply inserting the required key and entering the secret PIN into the PED. After establishing a common Remote PED role between the Luna SA and the remote workstation, all HSM PED operations can be performed remotely, including:

- HSM initialization and re-initialization
- SO, User, Domain and Remote role setting and PIN changes

The Remote PED functionality makes the high security of the Luna HSM easy to manage in a fully lights-out facility.

Highly Secure

All communication between the Remote PED and Luna SA is transmitted within an AES-256 encrypted channel using session keys based on secrets shared out-of-band via the Remote PED role. The Advanced Encryption Standard (AES) provides a significant increase in the level of protection to fortify defenses against today's most common hacking threats. This results in

Technical Specifications

The Remote PED kit includes:

- Luna PED device
- PED Cable for connecting direct to HSM
- USB cable and external power supply for use at a remote computer location.

Operating Systems

- Windows 2003
- Windows XP

Platform

- The Remote PED feature is supported on Windows and Windows Vista

Physical Characteristics

Connectivity

- USB spec 1.1 (2.0 compatible)
- Plug-and-Play support for Windows

Dimensions

- 6.65"x4"x1"

Power Dissipation

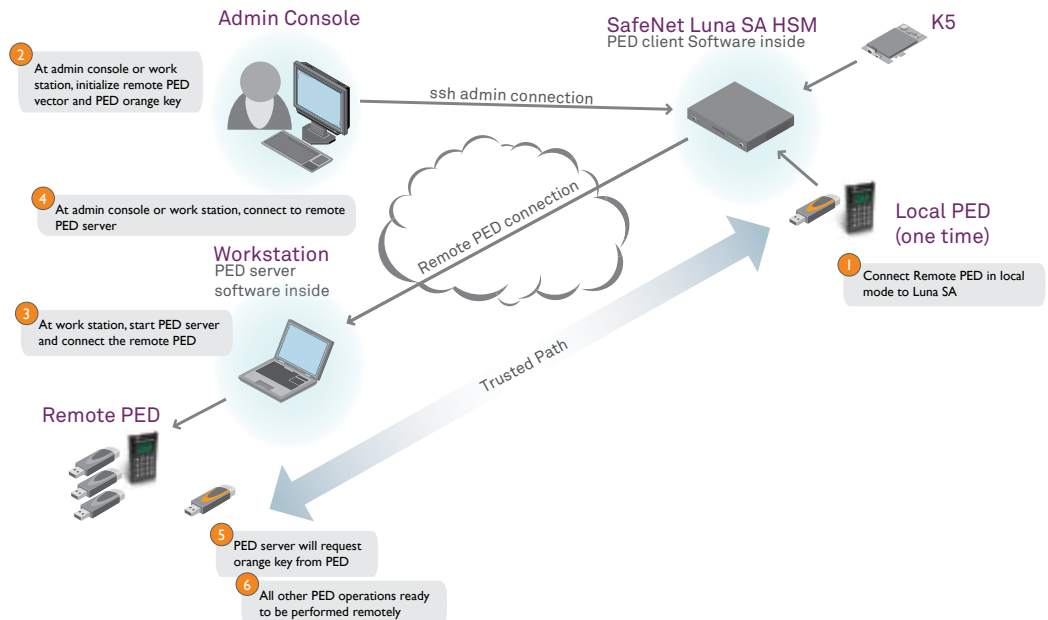
- 1.5W typical- 2.3W max through external power supply

Regulatory Standards Certification

- CE/UL/FCC compliant
- FCC 47 CFR Part 15, Subpart B

an extremely secure query/response mechanism.

Luna Remote PED, and associated components, including power adaptors, comply RoHS, FCC Part 15 – Class B, CE and CSA certifications.



Enterprise Data Protection

The SafeNet Luna Remote PED is a key component of SafeNet's comprehensive enterprise data protection solution to reduce the cost and complexity of regulatory compliance, data privacy, and information risk management. SafeNet Enterprise Data Protection (EDP) is the only solution that secures data across the connected enterprise, from core to edge, with protection of data at rest, data in transit, and data in use. Unlike disparate, multi-vendor point solutions that can create limited "islands" of security, SafeNet EDP provides an integrated security platform with centralized policy management and reporting for seamless, cost-efficient management of encrypted data across databases, applications, networks, and endpoint devices. For more information, visit www.safenet-inc.com/EDP

Contact Us: For all office locations and contact information, please visit www.safenet-inc.com

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