



► **Approvals**

- Visa PED
- PCI POS A POS B
- EMV Level 1 & 2
- RoHS
- EPP
- ZKA
- Interac

► **Applications**

- Processors
- Banks

A Secure, Windows-Based Key Loading and Management System

Hypercom's Key Loading and Management (HKLM) PIN pad loader system is a protected key management system designed to build secure keys and safely inject them into Hypercom terminals and PIN pads.

Some key benefits to using the HKLM system are:

- Easy to use with the key manager wizard
- System is based on three major tasks: building keys, entering key components and injecting keys
- Keys are encrypted for security and injected directly
- High level security for unencrypted information

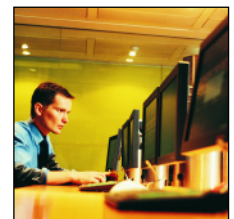
The HKLM system is typically used at a bank or processor deployment center and is always situated in a secure environment. The software application is designed to run in Microsoft Windows environments.



Security



Encrypted communications



Hypercom Key Loading Device

SECURE FUNCTIONALITY BUILT-IN.



- PC-based application** ► Easy to use via Ethernet
- Key manager wizard** ► Standard with application
- Integrated random number generator** ► Standard feature
- Efficient and fast** ► Multiple keys can be loaded in a single load

SECURE DATA PROTECTION.

TECHNICAL SPECIFICATIONS:

OPERATING SYSTEM

- Microsoft Windows XP and later

Easy to Use

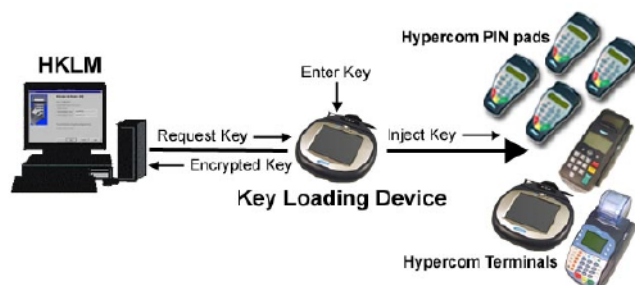
- ▶ Key manager wizard assists with key creation
- ▶ Based on Microsoft Windows for standard look and feel
- ▶ PC-based application is easy to use via Ethernet.

Performance

- ▶ The HKLM PIN pad key management system divides the process into three major tasks: building keys, entering key components and injecting keys
- ▶ Using a PC and the PIN pad loader system, key components are entered on the secure Hypercom Key Loading Device (HKLD)
- ▶ Keys are encrypted with a check value so that when the HKLD produces a key for injection, a cryptographic check value is also produced. Secure information is then sent back to the PC to be managed
- ▶ Completed keys can then be injected into PIN pads or terminals via the connected HKLD.

Security

- ▶ When not in use, keys and their properties are typically stored on media and placed in secure locations
- ▶ To operate, two users with the same access level must log in at the same time. Dual login must be supervised
- ▶ Unencrypted information is never stored on the PC. This provides a high level of security. All secure information, such as unencrypted key values and passwords are entered only on the HKLD.



OTHER OPTIONAL COMPONENTS



HYPERCOM PIN PADS



OPTIMUM L4XX TERMINALS



OPTIMUM T4XX TERMINALS