



**How do you balance the demands of industry-driven security and compliance with revenue-driven productivity requirements?**



Why choose between compliance, security and productivity when each of these areas is so critical to the success of your business?

Providing key injection solutions to the marketplace since 1997, GEOBRIDGE offers a best-in-class appliance for secure key injection and key management. KeyBRIDGE™, the preferred key injection solution of industry-leading ESOs, provides a turn-key solution for secure, compliant key injection with optimum efficiency and ease of use.

KeyBRIDGE™ is an appliance-based key management and injection solution designed to support secure and compliant key injection while offering many efficiencies to improve productivity in key injection facilities.

### Easier Compliance

Designed to Support ANSI TG-3, PCI SSC, X9.24 (Retail Financial Services Symmetric Key Management), FIPS 140-2 Level 3.

Comprehensive auditing tools with customer search fields.

Ensures audit record integrity using message authentication codes (MACs).

### Stronger Security

Secure key management requires dual control and forces split knowledge.

Secure key storage and generation.

Secure, compliant key injection.

Role based access.

Hardware-based encryption.

Tamper evident chassis.

### Increased Productivity

Simple & intuitive user interface makes set-up and use second nature.

Support more than 50 PIN Entry Devices (PED's) through a single appliance.

Optional multi-inject feature optimizes speed of injection.

Customizable injection options allow users to see only applicable keys and devices for a given customer profile.

### Secure Hardware

- A secure, user-friendly, self-contained unit housed in a tamper-resistant cabinet (TRSM).
- Physically secure enclosure – designed to meet FIPS 140-2 level 3.
- Opening the enclosure automatically erases all stored cryptographic material.
- Direct connection to PIN pads for single injection – no additional hardware required and no risk associated with networked connections.
- Available printer port for printing secure key component mailers and audit logs.

### Interface

- Easy to navigate Windows-based user interface.
- Hierarchical user administration with built-in dual-control procedures for all sensitive operations.
- Comprehensive key generation and management functionality.
- Secure, step-by-step key injection.

### Secure Key Management

- Built-in smart card reader and card management functions for use in transporting system keys.
- Secure transport mechanism for exportation of keys to external systems.
- No clear text key storage.

### Interoperability

- Designed to support all 2 and 3-key Triple DES algorithms and PIN Pads.
- Supports single and triple DES DUKPT.
- Cryptography is based on FIPS 140-certified implementation.
- Easily customizable – adding additional PIN Pads as they become available is simple and inexpensive.

### Compliance

- *Designed to comply with:*
  - Relevant ANSI X9 requirements
  - Payment Card Industry PIN Security Requirements
  - FIPS 140-2, Level 3 Security
- *Built-in Audit Tools:*
  - Protected audit log entries generated for all actions.
  - Comprehensive audit management capabilities including audit log filtering/reporting and secure archival.

## About GEOBRIDGE Corporation

Since 1997, GEOBRIDGE ([www.geobridge.net](http://www.geobridge.net)) has been providing information security solutions to global clients. Today our client list includes Fortune 500 companies, banks, retailers, major payment processors, health care, government agencies and defense clients across North America and internationally. GEOBRIDGE helps clients mitigate risk and realize significant value from their IT investments while allowing clients to focus on the growth and profitability of their company. Our team provides solutions, integration services and consultancy in the areas of encryption, network security, identity management, payment security, cryptography, and standards development. Due to the increased needs for compliance with internal governance, and external legal and regulatory requirements, we have expanded our compliance and security best-practices offerings to address information assurance. GEOBRIDGE is a Qualified Security Assessor (QSA) company certified by the Payment Card Industry (PCI) and a TG-3 Assessor recognized by the Electronic Funds Transfer (EFT) networks.