



Payment Key Management

Centralized control for payment cryptography

Secure Payment Cryptographic Keys and Operations

Payment Key Management centralizes how cryptographic keys are generated, distributed, stored, rotated, and revoked across the payment infrastructure. In CryptoHub, Futurex applies an HSM-backed control model that enables policy-driven workflows, secure key handling, and comprehensive audit visibility across ATM networks, POS terminals, payment gateways, and banking applications.



Unified Control for Payment Key Operations

- **Centralized Payment Key Control**
CryptoHub unifies key operations across payment HSMs, terminals, gateways, and banking systems..
- **HSM-Backed Root of Trust**
Payment keys are generated and protected inside validated hardware boundaries.
- **Policy-Driven Key Workflows**
Apply consistent control across generation, distribution, rotation, and revocation.

Cloud Key Management Capabilities

Policy-Driven Key Operations:

Apply centralized policies across the full payment key lifecycle from generation through revocation.

Remote Key Distribution:

Deliver keys securely to ATM networks, POS terminals, and payment gateways.

Secure Key Storage:

Protect payment keys within HSM-backed environments across connected systems.

PIN & Card Processing:

Support PIN verification, translation, and card authentication workflows.

Terminal Authentication:

Enable certificate-based device validation and secure key exchange across endpoints.

Audit & Reporting:

Maintain detailed records of key activity, access events, and compliance workflows.



Built for Payment Infrastructure Control

Futurex centralizes payment key management into a unified CryptoHub control model, enabling consistent policy enforcement, secure key handling, and comprehensive audit visibility across payment environments.

What are Futurex Payment Key Management Benefits?

Futurex Payment Key Management gives payment and security teams stronger control, reduced operational complexity, and clearer audit visibility across live payment environments.

• Reduce Manual Key Handling:

Eliminate fragmented workflows and manual coordination across payment systems and teams.

• Maintain Consistent Key Control:

Apply centralized policy across ATM networks, POS systems, and payment gateways.

• Protect Live Payment Environments:

Secure key operations without disrupting transaction processing or system availability.

• Strengthen Audit & Compliance:

Maintain complete records for payment key activity, supporting PCI and operational review.

Payment Key Management Empowered

Centralizes payment key operations across terminals, gateways, and banking systems

Applies policy-driven control across the full payment key lifecycle

Delivers audit-ready visibility for PCI compliance and operational review

Anchors your key protection in an enterprise-class HSM-backed infrastructure

Supports secure distribution and authentication across payment environments

About Us

For over 40 years, Futurex has been an award-winning leader and innovator in the encryption market, delivering uncompromising enterprise-grade data security solutions. Over 15,000 organizations worldwide trust Futurex to provide groundbreaking hardware security modules, key management servers, and cloud HSM solutions.

Futurex is headquartered outside of San Antonio, Texas, with regional offices worldwide and over a dozen data centers across five continents, Futurex delivers unmatched support for its clients' mission-critical data encryption and key management requirements.



864 Old Boerne Road,
Bulverde, Texas 78163