

# Cloud-based **key** management with no physical infrastructure for PCI PIN 3.1 and PCI DSS v4 **compliance**

## What is an HSM in the cloud?

**BOTECH HSM** is a cloud service that **manages cryptographic keys with the same security as a physical HSM**, without the costs of physical infrastructure. This solution allows companies to control their cryptographic keys with a **certified and scalable system** that fits the specific needs of each organization.

### What does this service consist of?

The BOTECH HSM service provides a secure, **managed platform for cryptographic key creation, management and protection**. It includes key architecture design, on-demand key management, regulatory compliance under PCI PIN 3.1 and PCI DSS v4, and 24x7 ongoing support through our vSOC 4.0. In addition, BOTECH HSM is compatible with BOTECH Key Vault, an **innovative solution** for secure cryptographic key storage.

### What need does it cover?

BOTECH HSM allows companies to manage their cryptographic keys without the need to purchase additional hardware or specialized personnel, while complying with security regulations. This solution helps **reduce operating costs, simplify administration and strengthen data security**, ideal for organizations that require top-level security to protect their transactions and operations.

## Benefits

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### Regulatory compliance:

- **PCI PIN 3.1 and PCI DSS v4 compliance:** Ensures data protection under the strictest standards.
- **Specialized consulting for DUKPT implementation:** Facilitates compliance with regulations for PIN ONLINE operations.



### Safety and efficiency:

- **Continuous monitoring and 24x7 support:** Guarantees constant protection and supervision through vSOC 4.0.
- **Reduced operating costs:** No additional hardware acquisition or personnel required.
- **Automatic updates and maintenance:** Optimizes security without the need for intervention.

## BOTECH Key Vault: The ideal place to store your cryptographic keys.

BOTECH HSM is perfectly complemented by BOTECH Key Vault, a unique and innovative cryptographic key management solution that ensures secure storage and controlled access to critical keys.

Discover how BOTECH HSM can protect and manage your cryptographic keys in the cloud. For more information and a free demo, visit: [BOTECH HSM](#)

[Contact us!](#)