MYHSM®

EQUINIX

Cutting the anchor line holding back digital transformation in retail payments

An innovative approach to payment card security that boosts your financial strength and lets you focus on your core business

The partnership between MYHSM and Equinix brings a compelling alternative to the traditional way that the retail payment industry has been managing its security. This is enabled by MYHSM's skills and innovation in building and deploying Payment Hardware Security Modules (HSMs) as a Service, and the delivery of this service through the performance, resilience, and global reach of Platform Equinix interconnection services.
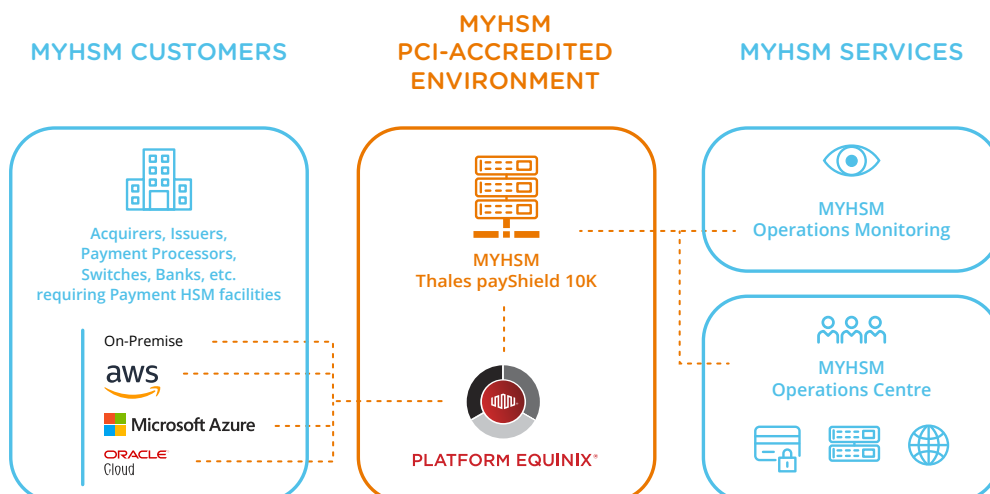
All of this brings a major opportunity to organisations embarking upon their cloud journey for systems managing card issuance and processing card and mobile payment transactions: to reduce their capital expenditure, minimise use of scarce, skilled staff resources, and increase their competitiveness and speed to market.

The payment card security conundrum

The need for security and certification in the payment card industry is clear. But in an industry where cloud migration and digital transformation are challenging the traditional model for managing and owning your own infrastructure there is no doubt that designing, implementing, and maintaining security to the standards required by regulatory bodies such as PCI represents a major drag on the resources and agility of organisations.

MYHSM, the global provider of Payment Hardware Security Modules (PHSM) as a Service, delivers secure, versatile, and scalable hosted solutions in the cloud. Utilising Thales payShield, the world's most widely deployed Payment HSM, MYHSM alleviates the need for investment in hardware, secure facilities, management, and ongoing PCI compliance, audit and support. www.myhsm.com

Equinix connects the world's leading businesses to their customers, employees and partners inside the most-interconnected data centers. On this global platform for digital business, companies come together across more than 50 markets on five continents to reach everywhere, interconnect everyone and integrate everything they need to create their digital futures. www.equinix.com

MYHSM CUSTOMERS

Acquirers, Issuers, Payment Processors, Switches, Banks, etc. requiring Payment HSM facilities

On-Premise

aws

Microsoft Azure

ORACLE Cloud

MYHSM PCI-ACCREDITED ENVIRONMENT

MYHSM Thales payShield 10K

PLATFORM EQUINIX®

MYHSM SERVICES

MYHSM Operations Monitoring

MYHSM Operations Centre

These anchors on success are embedded in various needs: to acquire, implement, maintain, and manage Payment HSMs — an essential element of payment card security; to design and implement appropriate security and the infrastructure around it; and to ensure that these systems continue to meet the industry's ever evolving certification mandates.

What is needed is a new approach that supports the business in its digital transformation yet still provides the security to protect the organisation and its customers while avoiding the pain that goes with this. And to do this in an environment where organisations are looking to reduce costs by moving away from on-premise physical infrastructure into the cloud - but where none of the cloud providers provide Payment HSMs as part of their service.

The MYHSM service at Platform Equinix ticks these boxes, by making Payment HSMs available as a global and highly resilient service. Organisations needing Payment HSM facilities can cut the anchor lines that are holding them back and draining their resources in exchange for a simple, predictable monthly fee linked to the amount of capacity they need. All at a fraction of the cost of operating on-premise HSMs.

BENEFITS

Reduced total cost of ownership
Reduce your costs around Payment HSM and networking hardware acquisition and maintenance, staffing, PCI re-audits, and infrastructure costs

Predictable budgeting
Replace Capex with a simple, predictable monthly service cost that dynamically scales to your own level of usage

Speed to market
Leave the HSMs to MYHSM and focus on getting your products to market. New MYHSM clients can be onboarded quickly with a seamless rollout from test, to pilot, to live transactions

Cloud agnostic
MYHSM can work with public or private cloud providers, maximising your business flexibility and taking full advantage of multi-cloud strategies

Resilient infrastructure
Equinix colocation services safeguard mission-critical data with the highest levels of security and operational reliability. 99.999% availability using Platform Equinix™ protects you against unplanned outages

Future proof
Never have to worry about the headache, Capex and planning incurred whenever a Payment HSM end-of-life is announced

Global reach
Have worldwide access to the MYHSM service without compromising on service levels

Easing the pressure on resources
Minimise the need for specialist staff to install, manage, and operate Payment HSMs

Keeping up with PCI requirements
Let MYHSM take on the burden of maintaining the PCI DSS and PCI PIN compliance of your Payment HSMs with full evidence available to your own auditors

Automated updates
Always have the latest firmware, security updates, and hardware

High quality support
Monitoring and service support from the MYHSM technical team with its leading experts in payment HSM technology

Competitiveness
Have immediate access to enterprise-class technology and skills that might otherwise be unavailable to you

Fully backed
Benefit from MYHSM's partnership with Thales e-security, the global provider of the Payment HSMs operated by MYHSM

For more information please visit www.myhsm.com