



MYHSM  
by utimaco®

# TOP 10 *reasons to migrate to the* MYHSM SERVICE

All companies processing electronic payments that need to secure payment credential issuing and PINs, require Payment HSMs as part of their infrastructure to achieve PCI PIN compliance.

Unfortunately the CAPEX, implementation and secure data centre costs together with the ongoing support & compliance demands for the Payment HSMs ecosystem are extremely high, and are an unwanted distraction away from a company's core business. Add to this the accelerating drive towards cloud adoption, and a further problem is that none of the public cloud providers are able to offer Payment HSMs as part of their service.

MYHSM offers a new and unique alternative to on-premise HSMs, whilst at the same time filling this gap in the cloud, by providing fully managed Payment HSMs as a PCI PIN certified service.

There are many benefits an organisation can reap by using MYHSM's Service. Some will be more relevant to each organisation than others depending on their own characteristics, infrastructure, and ambitions.

## 1 Reduce Total Cost of Ownership

Capital investment around Payment HSMs, network, maintenance, separate data centres for availability, staffing and ongoing audits can collectively add up to hundreds of thousands of pounds, but with MYHSM these are replaced with significantly smaller and predictable monthly subscription fees. A shared HSM service with monthly data plans is available that dynamically scales to your business growth, alternately dedicated HSM groups that are sized for your business are available for your exclusive use if you use bespoke HSM firmware, settings or have very high volumes.

## 2 Fills the Gap in the Public Cloud

Working seamlessly with any of the public cloud providers including Microsoft Azure, Amazon Web Services and Oracle Cloud, MYHSM fills the current gap around the provision of cloud-based Payment HSMs. Connect securely to a group of payment HSMs across multiple physically separate data centres as an "edge of cloud service" and use the service the same way as you would on-premise HSMs. With digitalisation and cloud migration high on the agenda due to improved scalability, agility and resilience, MYHSM perfectly supports a full cloud adoption strategy.

## 3 Fully Managed Service

Available as a test, shared or dedicated HSM service, the responsibilities for service monitoring and management, incident response, system maintenance, capacity provision, and assurance of regulatory compliance are wholly owned by MYHSM in its data centres, security operations centre, and support centre. The service improves risk management and increases resilience against equipment failure, delivering active-active operations with 99.999% availability and 24/7 monitoring.

## 4 Reduced PCI Scope

Significantly reduce the scope and burden of achieving PCI PIN Security requirements by using MYHSM's fully certified service. MYHSM maintains and recertifies its PCI PIN compliance every 24 months as per the industry standard, and an AOC (Attestation of Compliance) plus other relevant documentation is available for your own auditors. As a result your own PCI PIN scope and audits will be simplified by working with MYHSM and its engineers who are specialised in Payment HSMs.

## 5 Accelerated Time to Market

With MYHSM, the PCI certified test service can be set up in just a few days providing a rapid and inexpensive solution to remotely test your payment applications in a completely segregated environment from live services in line with PCI standards. Once testing is complete, migration to the live service is seamless and can be achieved in under 2 weeks. MYHSM removes the planning, training, implementation and capex associated with on-premise Payment HSMs so your company's valuable resources can focus on your business rather than building and maintaining infrastructure, hardware and compliance.



## Access to Expertise and Support

A team of specialised, highly skilled HSM, security and network experts will continuously monitor the health and utilisation levels of all system components and are available for rapid response to incidents. The team is on hand to provide technical support and in the unlikely event of an emergency you can contact our experts 24/7 via a dedicated emergency contact phone number.



## Focus on your Core Business

MYHSM manages the hardware, network, infrastructure and PCI compliance required, so you can focus on your core business strategy and allocate resources to areas that matter most to your business. The burden of PCI re-audits and replacing end-of life hardware will be transferred to MYHSM removing the costs and effort associated with buying new Payment HSMs, installing and re-certifying the hardware, testing the hardware, re-training staff and disposing the old units. Maintaining and monitoring the HSMs will also be carried out by MYHSM. Your budgets and staff allocation can now be turned to innovation and developing new products and services.

## Dedicated Customer Portal

You will have access to a dedicated portal which is two-factor authentication protected and provides 24x7 availability and 99.9% up-time. Here you can maintain full visibility of your service and access a suite of resources to set up the service, track daily performance statistics and status of the HSMs including data usage and allowance, monthly charges, latency, maintenance etc. In addition to this you can view other specific information such as source and destination IP addresses, securely exchange files with MYHSM such as certificates, certificate signing requests and LMK-encrypted keys and add multiple users with allocated permission levels.

## World-Leading Partners

Together with an ever-increasing network of strategic partners around the world we can provide the expertise and support to guide your digital transformation.

Working with leading cloud aggregators, PCI assessors and software vendors, a full cloud adoption strategy can be deployed by payment companies using MYHSM to also now include the Payment HSMs. Our service uses Utimaco Atalla AT1000 and Thales payShield 10K's, two of the world's most widely deployed Payment HSMs. Regardless of the size of your organisation, MYHSM provides immediate access to enterprise-class technology and skills that might otherwise be unavailable to you.



## 10 Global Reach

With PCI DSS data centres located in North America, Europe and Asia, your company can enjoy worldwide access to the MYHSM service without compromising on service levels and support wherever you are based, and without any barriers to your business growth.

Contact MYHSM today to fast track your business growth with our Payment HSM Test Service starting from £400 a month with a one-off set up fee.

Contact us at: [info@myhsm.com](mailto:info@myhsm.com)  
Or visit: [www.myhsm.com/payment-hsm](http://www.myhsm.com/payment-hsm)

