Securosys CloudHSM
Get the best of Securosys Primus HSM, directly from the Cloud

Our HSM as-a-service or CloudHSM provides a seamless, secure, and cost-effective path to achieving full compliance with data security requirements and regulations. Securosys CloudHSM streamlines the generation, use, and storage of encryption keys by delegating the time-consuming tasks of evaluation, setup, maintenance, and updates to our team of security experts. Thus, allowing you to focus on your core business while resting assured that robust security measures are in place.

Securosys CloudHSM operates on a patented proprietary hardware and software architecture, meticulously crafted and sustained in-house, ensuring end-to-end control without any intermediaries. It is available with dedicated HSMs or as a shared service in multi-tenancy HSMs, either as a Global or as a Regional Swiss, European, North American, or Asia-Pacific cluster.

⭐ Managed Service

CloudHSM is a fully managed service that automates hardware provisioning, software patching, and secure key management, offering a scalable, compliant solution that simplifies security management and minimizes operational effort.

📍 Global Availability

Compatible with all major cloud service providers, Securosys CloudHSM is accessible through regional clusters in Switzerland, Germany, Singapore, the US, or globally.

⏳ Flexible Deployment

Available as dedicated HSMs or shared multi-tenant HSMs, Securosys CloudHSM can be tailored to meet various security and compliance needs.

🌐 Simple, seamless integration

Activate CloudHSM immediately, with no setup or evaluation required. Integrate seamlessly into your existing systems via various interfaces such as PKCS#11, openSSL, JCE/JCA, Microsoft CNG interface, or REST API.

🔄 Excellent price-performance ratio

Leverage a shared environment for economical operations without compromising on security. Competitive and flexible pricing options, without initial costs or tied-up capital.

🔒 Comprehensive Certification Standards

CloudHSM leverages Securosys Primus HSMs, certified for FIPS 140-2 Level 3, Common Criteria EAL4+, EN 419 221-5, and ISO/IEC 27001, ensuring top-tier security and compliance for sensitive data protection and Qualified Electronic Signatures.

🧩 Patented HSMs with Built-in Back-up Capabilities

Securosys CloudHSM operates on a proprietary hardware and software architecture, ensuring end-to-end control without intermediaries.

✅ Reliable and Up-to-Date Services

Benefit from always up-to-date services and security measures with continuous expert operation and firmware updates. Our operation and monitoring services ensure guaranteed uptime and maximum availability.

securosys

Service Offerings

	Shared multi-tenancy HSM subscription				Dedicated HSM Subscription[1]		
	ECO Economy	**ECO CC** Economy Certified Mode	**SBX** Cloud Sand- box	**TSB Shared** Workflow Engine	**PLT** Platinum	**TSB** **Platinum** Hosted Workflow Engine	**HOS Service** HSM Operation Service
Platform²	3 HSMs in 3 data centers 2x1 +1	3 HSMs in 3 data centers 2x1 +1	2 HSMs in 2 data centers (in debug mode)	Protected server environe- ment	At least 2 de- dicated HSMs in data centers of choice	Dedicated VM at data- center	Customer-owned Se- curosys HSMs opera- ted by Securosys at data center of choice
Administration	Operated and managed by Securosys specialists (ISO 27001 compliant)						
Performance³	Up to **600** Sig./Min	Up to **600** Sig./Min	Not guaranteed	as required	Up to **1'200** Sig./Min	HSM performance as required	Operation Service
Capacity	**10MB⁴**	**10MB⁴**	**10MB⁴**	-	**120MB¹**	-	as per acquisition⁵
Support⁶ Availability Response Time (critical/major/minor)	24 x 7 x 365 2/8/24h	24 x 7 x 365 2/8/24h	24 x 7 x 365 8/12/24h	24 x 7 x 365 2/8/24h	24 x 7 x 365 2/8/24h	24 x 7 x 365 2/8/24h	24 x 7 x 365 2/8/24h

1) More options available: Additional partitions, HSM features (Attestation, SKA, TimeStamp, Crypto Extension, Decanus, etc.)

2) Synchornized partitions in active data centers + backup data center

3) Performance measured in #RSA 4096/ECC 512 signatures per minute

4) Additional storage capacity available at 100MB increments

5) BYOK Service Entry/Business/Enterprise subscription

6) Security officer interventions available CET 09:00 - 17:00

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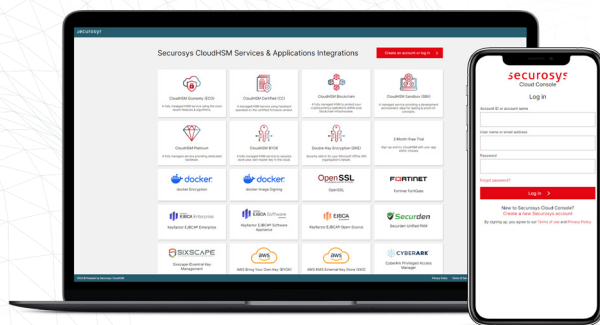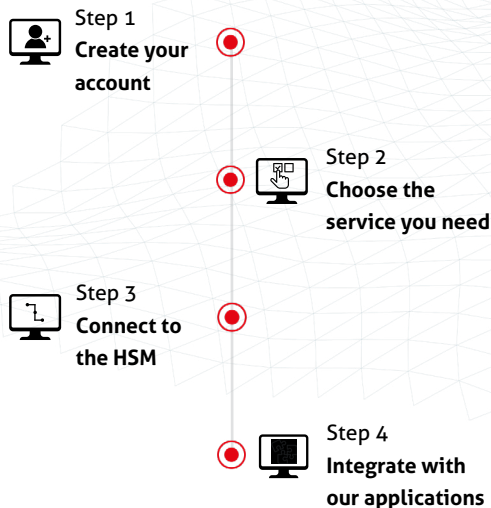www.securosys.com

Visit our website

Cloud Console

Effortless setup and management of your cloud-based HSM solution.

Cloud Console is a beta web application that provides access to a wide collection of services around CloudHSM in one single place. You can browse the different HSM services and subscribe to them directly online and get started within a few minutes.

How does it work?

Step 1
Create your account

Step 2
Choose the service you need

Step 3
Connect to the HSM

Step 4
Integrate with our applications