Data Sheet

CryptoServer Cloud

CryptoServer Cloud
HSM as a Service

Utimaco CryptoServer Cloud gives you a strategic architectural fit & risk management for your high value assets in a multi-cloud environment. It provides you with the flexibility, scalability and availability of HSM-as-a-service that you are looking for.

The Root of Trust for all your cloud applications

The Utimaco CryptoServer Cloud is an HSM-as-a-Service with

- Support directly from the HSM provider. 8/5 and 24/7 options available
- Simple pricing: no set-up cost, only monthly commitments

HSM as a Service

utimaco®

⭐ Product Highlights

Ideal for realizing your multi-cloud strategy:

- Reduces your capex
- Allows you to seamlessly work with any major Cloud Service Provider (CSP)

- Supports multi-cloud deployments
- Gives you migration flexibility:
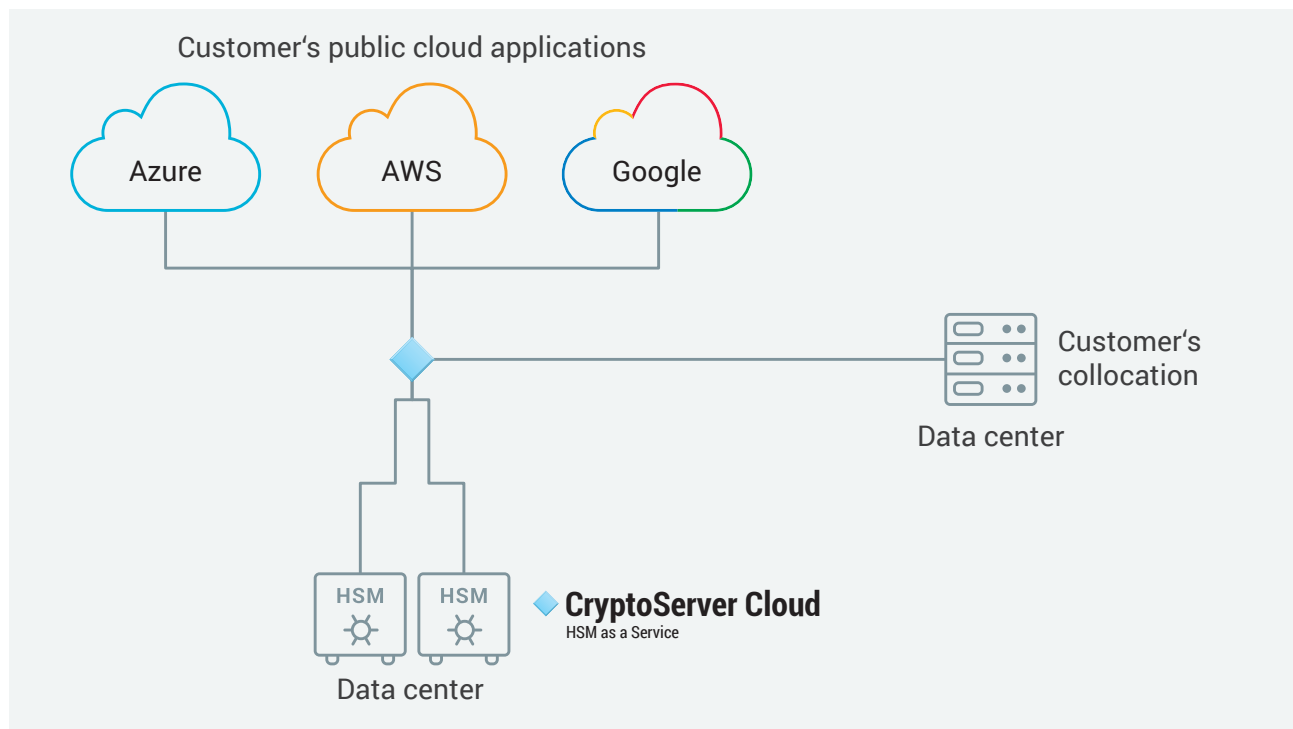 no CSP and even cloud lock-in!

Ideal for creating your HSM-based cloud applications:

- Protects your cryptographic keys and custom code
- Stores your cryptographic material in a dedicated HSM

- Provides easy development and testing strategies: simulator available

Utimaco offers you a reliable and trustworthy HSM-as-a-Service that helps you secure your most sensitive & valuable assets including custom code in the secure perimeter of the HSM.

- **Multi-cloud scalability and risk mitigation**
  - No lock-in to specific Cloud Service Provider key management or HSM solution
  - Standard HSM: easy migration into and out of the cloud
  - Virtually unlimited scalability
  - Certainty over the allocation and physical location of your HSM

- **Maximum security for high value assets**
  - Custom code can be protected and deployed on HSM (Utimaco SecurityServer SDK required)
  - Customer dedicated HSM
  - Only customer has control of content in the secure perimeter of the HSM
  - Two-factor authentication available
  - Full control of encryption key life-cycle and key administration

- **Connectivity**
  - Private connection to major Cloud Service Providers with multi-cloud support
  - Direct connections from numerous co-locations

- **Latency**
  - Short RTD from HSM to cloud-based applications

- **Full control of HSM**
  - End customer has all administrative rights on HSM
  - Easy-to-use remote management and on-site key ceremony service option

- **Maximum level of compliance**
  - FIPS 104-2 Level 3 certified HSMs
  - Hosted in ISO/IEC 27001, PCI and HIPAA (US only) compliant data center

- **Simplicity**
  - Standard APIs supported like PKCS#11, JCE, CNG

Utimaco CryptoServer Cloud architecture

Customer's public cloud applications

Azure — AWS — Google

Customer's collocation

Data center

HSM — HSM

◆ **CryptoServer Cloud**
HSM as a Service

Data center

Service Level

Get the best service possible: Get the HSM Service Level Agreement from the HSM vendor!

- **For HSM:**
  MTBF 90,000 hours
- **For connection:**
  – 99% availability with a single connection
  – 99.99% availability with redundant connections
- **Response times for cloud service:**
  – 8/5 standard support: 8 business hours
  – 24/7 premium support option: 4 hours

For details, please consult our CryptoServer Cloud Terms & Conditions.

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