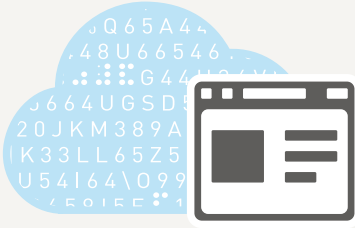


PRODUCT BRIEF

SafeNet Crypto Command Center



Centralize your crypto management HSM resources and reduce IT security infrastructure costs with SafeNet Crypto Command Center.

Overview

IT security departments and Service Providers can now quickly and securely expand IT capabilities and streamline their infrastructure in physical, cloud, hybrid cloud and virtual environments with SafeNet Crypto Command Center. This is the market's first solution to fully exploit the benefits of virtualization including reduced costs and innovation, by provisioning SafeNet Network Hardware Security Modules (HSMs) without compromising security or compliance.

Together SafeNet Crypto Command Center and SafeNet Network HSMs combine to form one complete, centralized solution for the management of your crypto HSM resources – a crypto hypervisor. Deliver on-demand provisioning of crypto resources for data protection in minutes instead of days, while allowing the application and data owners to maintain full control of encryption services and data.

In order to experience the benefits first hand, and to facilitate rapid proof of concept set up, we have introduced a Freemium trial license in addition to the full-production Premium version. The [Freemium license](#) allows you to safely test SafeNet Crypto Command Center in a non-production environment. See how you too can benefit from centrally and remotely managing your HSMs.

Crypto as a Service – Typical Challenges

Challenge	Effect	Solution
Lack of Security	Stakeholders implement inconsistent crypto deployments, increasing the risk of unauthorized data disclosure and fraud.	Standardization through crypto templates and automation eradicates the risk of non-compliance, and ensures security even in heavily regulated industries.
Inefficiency	Encryption islands are created by a variety of departments deploying point solutions. Additionally, as encryption needs grow, the demand to crypto enable applications increases, requiring additional resources and expertise.	Centralized management of crypto resources eliminates encryption islands. Automation, scalability and delegation of responsibilities to non-crypto experts reduces costs and shortens time-to-market when implementing encryption solutions.
Complexity	Deploying crypto resources requires skilled resources and time.	Crypto service templates* remove the complexity and empower more users to use crypto in the enterprise.
Reduced Quality	Disruption of operations due to spikes in demand or security breaches, and lack of disaster recovery options.	High Availability (HA) ensures business continuity and consistent service levels.

SafeNet Crypto Command Center Benefits

- > Centralized Crypto Management
- > Route to Cloud
- > Dynamic Resource Management
- > Improved Visibility through Crypto Resource Reporting
- > Multitenancy
- > Crypto as a Service
- > Role Separation and Security
- > Lower Total Cost of Ownership
- > Ease of Use

Highlighted Capabilities

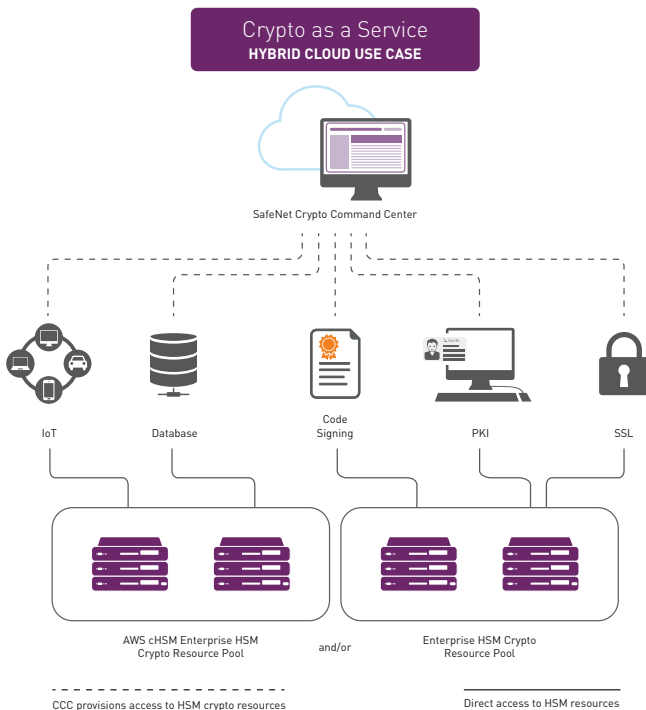
- > **Crypto as a Service:** Enterprise and Service Providers can quickly and cost-effectively provision and manage thousands of SafeNet Network HSMs from one central location.
- > **Route to Cloud:** Administer HSMs hosted in a hybrid cloud service platform without compromising security or compliance.
- > **Comprehensive Crypto Resource Reporting:** benefit from centralized HA and resource management, and improved client visibility.
- > **Automation through Crypto Service Templates:** Easily create and deploy your own custom, repeatable crypto templates to enforce security and consistency.
- > **High Availability and Reliability:** deploy crypto resources in high availability to minimize downtime.
- > **Remote CloudHSM Management:** benefit from easy access and reduced total cost of ownership in a hybrid environment.
- > **Provision up to 100 partitions per device.**
- > **Dynamic Resource Management:** Quickly spin up/spin down crypto resources.

*A Crypto Service is a SafeNet Network HSM partition or a High Availability (HA) Group that is used for cryptographic applications including code signing, database encryption, and PKI.

SafeNet Crypto Command Center

A complete crypto management solution offering the following advantages:

- > Market's first true crypto hypervisor - a single, centralized platform for managing cryptographic resources.
- > Improve operation efficiency and ensure business continuity through central management and monitoring of all crypto resources.
- > Tight integration with SafeNet Network HSMs through REST API.
- > Provision, manage, and administer SafeNet Network HSMs on-premises, virtually, hybrid and cloud environments with this highly scalable solution.
- > Administer HSMs hosted in a cloud service platform such as AWS.
- > Lower total cost of ownership through streamlined administration of crypto resources, consolidating encryption islands, and time savings with crypto recipes.
- > Save time by leveraging your customized crypto service templates with predefined configurations.
- > Deploy crypto resources quickly and efficiently to meet current and future encryption needs in minutes, not hours as was historically the case.
- > Empower more users to employ crypto resources. Through its simple interface SafeNet Crypto Command Center reduces the need for crypto subject matter experts. Now more users can leverage encryption and accelerate its adoption.
- > Discovery of unmanaged crypto resources and partitions so they can be controlled by SafeNet Crypto Command Center.
- > Service Management - Import unmanaged crypto resources, reassign device pool ownership, and dynamically reassign services.



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Available Solutions

SafeNet Crypto Command Center:

- > Premium License – for full production deployments.
- > Freemium License – free trial version allows you to sample of what SafeNet Crypto Command Center has to offer. Note that crypto services created under the Freemium license cannot be migrated to the Premium version.

Supported Technologies:

- > SafeNet Network HSM 5.2, 5.3, 5.4, 6.1, 6.2

Model Comparison

Feature	Freemium Version	Premium Version
Number of crypto services	Provision up to 20 crypto services	Provision an unlimited amount of crypto services.
Local Database	Included and pre-configured	Configure either an internal or external PostgreSQL database.
Customer Support	No customer support or service plan.	Optional customer support and service plan available.
Deployment Environment	Test environments only.	Test and production environments.
High Availability	Not available.	HA configurations available.

About Gemalto's SafeNet Identity and Data Protection Solutions

Gemalto's portfolio of SafeNet Identity and Data Protection solutions enables enterprises, financial institutions and governments to protect data, digital identities, payments and transactions—from the edge to the core. Our solutions take a data-centric approach to security with innovative encryption methods, best-in-class crypto management, and strong authentication and identity management to help customers protect what matters, where it matters.

To learn more, visit: blog.gemalto.com/enterprise

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