



PRODUCT BRIEF

SafeNet Data Protection On Demand

It's Not Just Data Protection. It's Data Protection On Demand

SafeNet Data Protection On Demand is a cloud-based platform that provides a wide range of on-demand encryption and key management services through a simple online marketplace. With SafeNet Data Protection On Demand, security is made simpler, more cost effective and easier to manage because there is no hardware to buy, deploy and maintain. Just click and deploy the protection you need, provision services, add security policies and get usage reporting in minutes.

 **Get data security on your terms – in minutes**

With SafeNet Data Protection On Demand, you have access to a wide range of security services by simply clicking and deploying what you need to protect dozens of applications and use cases. It's that simple.

 **Zero upfront capital investment and pay-as-you go pricing**

There is no hardware or software to buy, support and update, so you don't have any capital expenditures. In addition, with unique pay-as-you-grow pricing, you have the flexibility to purchase services to suit your changing business needs.

 **Protect data anywhere and meet compliance mandates**

With SafeNet Data Protection On Demand, you can secure sensitive data in any environment – cloud, virtual or on-premises - to manage your security policies and meet regulatory and compliance requirements. Protect the data you create, store and analyze. Crypto-enable your applications: Blockchain, Cloud, and Internet of Things.

 **Centralize control of encryption keys across all clouds**

Regardless of whether you use Salesforce.com, Amazon Web Services, Google, IBM or Microsoft Azure, or a combination of cloud and on-premises solutions, you are always in control of your encryption keys.

 **Easily integrate with your cloud and IT services**

SafeNet Data Protection On Demand already comes with preconfigured APIs that make it easy for you to integrate encryption, key management and HSM On Demand services to protect your applications and data.

Deploy and manage encryption, key management and hardware security modules services – on-demand and from the cloud

- > Zero upfront investment
- > Cloud agnostic
- > Up and running in less than 5 minutes
- > OpEx only usage-based billing
- > SLA On Demand - 99.95% availability
- > Automatic failover included
- > Key backups are automatic
- > Key and crypto operation metrics and reporting
- > Elastic, automatic scaling
- > Low TCO
- > Unrivaled peace of mind

Get started now!

With an ever-expanding menu of security applications at your fingertips, choose the security service you require from a range of options, and integrations, including:

- > **Key Vault** - Set up a certified key vault for applications or integration requirements using your own HSM on demand service.
- > **PKI Private Key Protection** – Secure private keys belonging to Certificate Authorities responsible for establishing PKI trust hierarchy.
- > **Digital Signing** – Digitally sign software and firmware packages or electronic documents in order to ensure the integrity of the sender.
- > **Oracle TDE Database Key Vault** – Ensure that Oracle TDE data encryption keys are encrypted with a master key that resides within the HSM On Demand service for optimal performance and scalability.
- > **Salesforce Key Broker On Demand** – Create key material (tenant secrets) for Salesforce and manage your keys and security policies in concert with Salesforce Shield across their lifecycle.



TRY IT NOW!

Infinite scalability and elasticity

Scale encryption, HSM and key management services up and down automatically as your requirements change. You can easily grow HSM and key management capacity and crypto resources without limitations.

Focus on your business, not managing security hardware and software

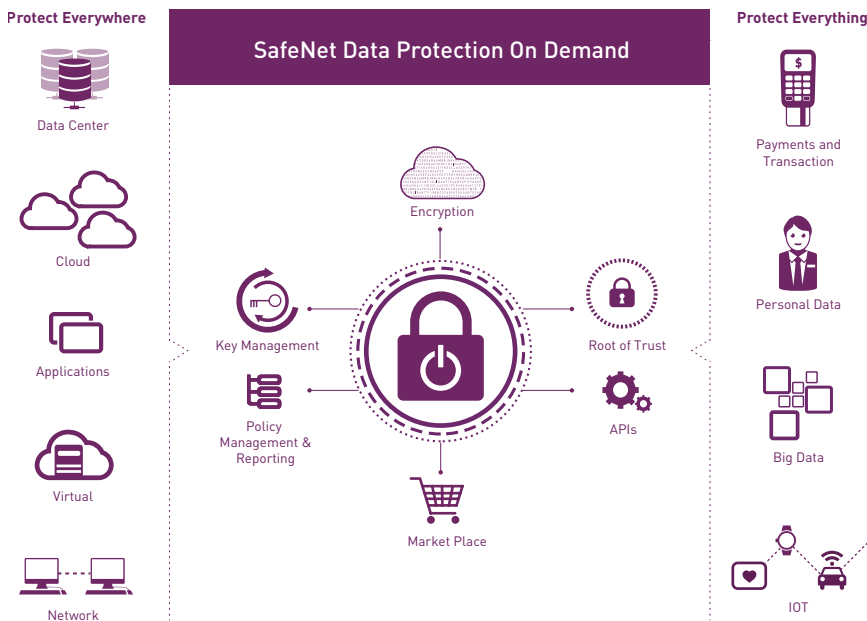
Use SafeNet Data Protection On Demand and you don't need to buy, provision, configure, and maintain hardware and software for your HSM, key management and encryption needs. All the physical hardware, software, and infrastructure is managed by Gemalto, including an SLA, so you can concentrate on your business.

Data Protection On Demand for Managed Service Providers

Our delivery model allows Gemalto partners to provide unrivalled data protection as a service to their customers, using their own branding and bundled with their other existing cloud offerings. With SafeNet Data Protection On Demand, Service Providers can quickly and easily offer their customers key management and encryption services that have been proven in the field for decades.

- > Zero upfront investment
- > Cloud-based pricing
- > On-demand delivery
- > Multi-tenant capability with complete segmentation/separation of each customer's keys
- > Centralized management

Data Protection...Now Available On Demand



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The Gemalto Advantage

SafeNet Data Protection On Demand is built upon Gemalto's SafeNet Identity and Data Protection solutions. Our proven solutions are trusted by the largest and most respected brands around the world to protect their data, identities, and intellectual property.

We enable our clients to deliver a vast range of trusted digital services for billions of individuals and "things" across the globe. The world leader in digital security, we bring trust to an increasingly connected world. Our technologies and services enable businesses and governments to authenticate identities and protect data so they stay safe and enable services in personal devices, connected objects, the cloud and in between.

TECHNICAL SPECIFICATIONS

API Support

- > PKCS#11, Java and OpenSSL on Linux
- > PKCS#11, Java and CSP/KSP on Windows

Cryptography

- > Full Suite B support
- > Asymmetric: RSA, DSA, Diffie-Hellman, Elliptic Curve Cryptography (ECDSA, ECDH, Ed25519, ECIES) with named, user-defined and Brainpool curves, KCDSA
- > Symmetric: AES, AES-GCM, Triple DES, DES, ARIA, SEED, RC2, RC4, RC5, CAST
- > Hash/Message Digest/HMAC: SHA-1, SHA-2, SM3

- > Key Derivation: SP800-108 Counter Mode

- > Key Wrapping: SP800-38F

- > Random Number Generation: FIPS 140-2 approved DRBG (SP 800-90 CTR mode), complying with BSI DRG.4

Service Performance

- > Standard Service; up to 100 operations/second
- > Store up to 5 pairs asymmetric keys; and/or 10 symmetric keys per service
- > Up to 5 client applications per service

Security Certifications

- > FIPS 140-2 Level 3 (In process)
- > ISO, 9001, 14001, 27001, 27015 (Bank), 27018 (GDPR)

Third Party Integration Support

- > Oracle TDE
- > Salesforce Shield Encryption Platform - BYOK

gemalto
security to be free