gemalto
security to be free

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 services you need, provision users, add devices 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

Because there is no hardware or software to buy, support and update, 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.

Centralize control of encryption keys across all clouds

Regardless of whether you use 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. We deliver and manage the HSM and key management services but only you are in total control of your keys.

Focus on security, not managing 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 encryption, HSM and key management needs. All the physical hardware, software, and infrastructure is managed by Gemalto, including an SLA, so you can concentrate on your business.

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** – Verify the author of software and firmware packages or electronic documents in order to ensure the integrity of the sender.
> **Oracle TDE Database** – Ensure that data encryption keys are encrypted with a master key that resides within the HSM for optimal performance and scalability.

TRY IT NOW!

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 – and meet regulatory and compliance requirements. Protect the data you create, store and analyze. Crypto-enable your applications: Blockchain, Cloud, and Internet of Things.
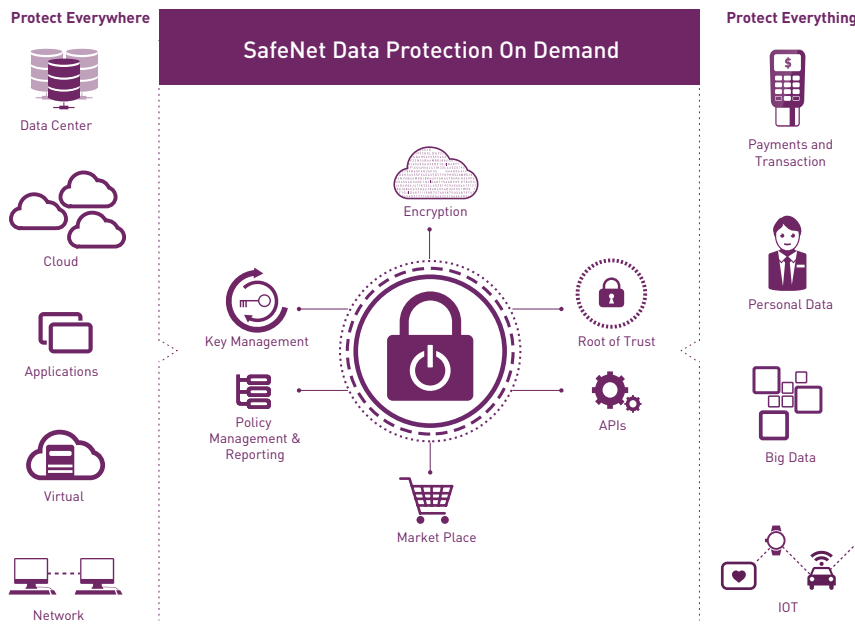
Infinite scalability and elasticity

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

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.

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.

Data Protection...Now Available On Demand

Protect Everywhere
- Data Center
- Cloud
- Applications
- Virtual
- Network

SafeNet Data Protection On Demand
- Encryption
- Key Management
- Root of Trust
- Policy Management & Reporting
- APIs
- Market Place

Protect Everything
- Payments and Transaction
- Personal Data
- Big Data
- IOT

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)

Contact Us: For all office locations and contact information, please visit safenet.gemalto.com/contact-us

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