

## **Gemalto enables service providers to offer trusted crypto in the cloud**

Gemalto launches first HSM purpose-built for hardware-based key management in the cloud

**Amsterdam – July 29, 2015** – Building on successful deployments with several leading cloud infrastructure providers, Gemalto (Euronext NL0000400653 GTO), the world leader in digital security, today announced the availability of [SafeNet Luna SA 6](#), the first HSM (hardware security module) purpose-built for service providers to offer on-demand crypto processing, key management and key storage in the cloud. The new SafeNet Luna SA delivers the performance and scalability required to protect the most demanding cloud applications and allows service providers to offer the highest levels of trust for their cloud environments by giving businesses total ownership of their encryption keys.

For many organizations, the option of purchasing and managing encryption keys on-premises does not align with their vision of using cloud-based infrastructure as on-demand services. In addition, service providers that want to offer higher levels of data protection are required to manage encryption solutions on behalf of their customers, which means increased liability and risk in terms of data access and complying with customer compliance requirements. As a result, these challenges have prevented many security conscious companies from migrating sensitive data to the cloud.

Gemalto's SafeNet Luna SA platform changes the way service providers and organizations can manage and store encryption keys in cloud environments. With the new SafeNet Luna SA, cloud companies can provide all of the security, compliance and trust of an on-premises HSM appliance while their customers realize the cost, flexibility and performance benefits of the cloud yet still maintain complete ownership of their keys. Organizations can now also benefit by being able to choose the appropriate data encryption strategy for their business whether that be on premise, cloud-based, or hybrid key management and storage solutions.

*"Gemalto's SafeNet Luna HSM for service providers addresses a current gap in the market for encryption and key management," said Garrett Bekker, senior security analyst at 451 Research. "Enterprises that are looking to move more resources to the cloud are realizing the need for encryption and key management, but often lack the resources to deploy and manage their own encryption key management infrastructure. By packaging SafeNet Luna HSM for service providers, enterprises of all sizes can maintain control of their sensitive keys while taking advantage of the benefits the cloud provides."*

The SafeNet Luna SA can be separated into 100 cryptographically isolated partitions, with each partition acting as if it were an independent HSM. Within each partition, a given customer can assign multi-tiered levels of administrative access. The partitions themselves are designed to protect key material from other tenants on the same appliance, meaning different customers – or different lines of business within a single organization – can leverage the same appliance without fear of losing their keys to other tenants. In addition, service providers have no access to key material stored on any HSM partition, giving their customers the confidence that only they have access to their sensitive cryptographic keys.



*"When encryption and key management can be offered conveniently as a service by cloud providers, but with the same high-grade protections as if it were fully on-premises, organizations of all types can reach new levels of efficiency and security," said Todd Moore, vice president of product management Encryption Products at Gemalto. "With our new SafeNet Luna SA, we are opening up a significant opportunity for service providers to grow revenue by offering customers the ability to control their keys and thereby bring more sensitive data and workloads to the cloud."*

The new SafeNet Luna SA expands Gemalto's portfolio of encryption, key management and crypto management products that can be deployed by service providers to enable greater levels of security in their cloud environments. Along with the SafeNet Luna SA, Gemalto also offers the SafeNet ProtectV and SafeNet Virtual KeySecure products which provide robust full-disk encryption for virtual instances and attached storage volumes and secure key management for data encrypted by ProtectV or other third-party cloud or on-premises encryption solutions.

## **Related Resources**

[SafeNet Luna SA 6 Product Brief](#)

## **About Gemalto**

Gemalto (Euronext NL0000400653 GTO) is the world leader in digital security, with 2014 annual revenues of €2.5 billion and blue-chip customers in over 180 countries.

Gemalto helps people trust one another in an increasingly connected digital world. Billions of people want better lifestyles, smarter living environments, and the freedom to communicate, shop, travel, bank, entertain and work – anytime, everywhere – in ways that are enjoyable and safe. In this fast moving mobile and digital environment, we enable companies and administrations to offer a wide range of trusted and convenient services by securing financial transactions, mobile services, public and private clouds, eHealthcare systems, access to eGovernment services, the Internet and internet-of-things and transport ticketing systems.

Gemalto's unique technology portfolio - from advanced cryptographic software embedded in a variety of familiar objects, to highly robust and scalable back-office platforms for authentication, encryption and digital credential management - is delivered by our world-class service teams. Our 14,000 employees operate out of 99 offices, 34 personalization and data centers, and 24 research and software development centers located in 46 countries.

For more information visit [www.gemalto.com](http://www.gemalto.com), [www.justaskgemalto.com](http://www.justaskgemalto.com), [blog.gemalto.com](http://blog.gemalto.com), or follow [@gemalto](https://twitter.com/gemalto) on Twitter.

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