



CASE STUDY

Kapalya partners with Gemalto to provide centralized key management, ease the effort of ongoing administration and help customers bolster their security to meet compliance

Kapalya, a California based cybersecurity start-up developed a data protection solution that provides persistent encryption, protecting sensitive data regardless of where it resides and whether it's in transit, or at-rest. Kapalya partnered with Gemalto to leverage SafeNet Virtual KeySecure, which delivers the centralized policy and key management component of Kapalya's newly launched 'Encryption Management Platform'.

The Organization

Kapalya is a data protection solution that empowers businesses to securely store and share sensitive files at-rest and in-transit across multiple platforms through a user-friendly file system. Kapalya delivers a unique approach to encryption key management by serving keys in real-time and destroying them after encrypt and decrypt functions are performed. Unlike other solutions that simply handle secure file sharing, Kapalya performs full end-to-end encrypted file sharing. Kapalya's goal is to support organizations around the globe in protecting data and meeting compliance.

The Business Problem

Increasing amounts of sensitive data now reside outside the physical walls of an organization as the migration to virtual data centers and cloud environments continues to grow. Today, most organizations run hybrid IT environments with applications they are using for their daily business needs running both on-premises and in the cloud. Additionally, employees are using devices such as smartphones, laptops and tablets for business needs outside of the organizations' walls; these devices have become their primary interface to their organization's data. This leaves organizations with the challenge of finding a cost-effective solution that not only helps protect their sensitive data wherever it resides and is being used, but also manages their data protection policies to comply

The Challenge

> Kapalya needed a centralized key management solution they could leverage for their innovative Encryption Management Platform (EMP), which protects an organization's data across all end-points, corporate servers and public clouds.

The Solution

> Gemalto's SafeNet Virtual KeySecure k170v provides the strong enterprise key management component of Kapalya's Encryption Management Platform.

The Benefit

> Kapalya coupled with SafeNet Virtual KeySecure k170v helps ensure organizations are following encryption and key management best practices and can meet government regulations and compliance mandates.

with government mandates like GDPR or industry regulations like HIPAA and PCI-DSS. A streamlined approach which enables businesses to improve security and simplify the audit preparation process must now be part of every organizations data protection strategy.

The Solution

Kapalya's Encryption Management Platform (EMP), is a full-service encryption solution that protects an organization's data by seamlessly encrypting files on all end-points (laptops/computers/mobile devices), corporate servers and public cloud storage. Kapalya's data classification policy engine automatically scans devices for number sequences that reflect sensitive information, such as social security numbers, credit cards and will recommend these files for encryption. This engine can be customized to detect the data that matters most to an organization. Kapalya utilizes NSA Suite B cryptography standards for their platform, coupled with SafeNet Virtual KeySecure k170v which helps ensure their customers are following encryption best practices. SafeNet Virtual KeySecure k170v provides the strong enterprise key management component of the platform, which also enables Kapalya customers to bolster their security and ease the effort of ongoing administration.

More About Gemalto's SafeNet Virtual KeySecure k170v

SafeNet Virtual KeySecure k170v is Gemalto's next-generation key management solution which allows organizations to extend their data protection policies to private and public clouds and centralize encryption and key management operations across multiple cloud environments. With a broad ecosystem of partner integrations, and built-in capabilities for auditing and granular access controls, SafeNet Virtual KeySecure k170v simplifies governance, compliance, and security across any environment – physical, virtual, or hybrid.

Solution Benefits

Persistent Encryption:

Whether the data resides on mobile end-points, corporate servers, or cloud servers, data protection operations can be simplified by using Kapalya's EMP with SafeNet Virtual KeySecure k170v to uniformly view, control, and administer cryptographic policies and keys for sensitive data

Centralized Key Management & Administration:

- > Organizations can centralize the administration of authorization controls, and separation of duties between key administrators and key consumers
- > Enables organizations to unify their policies across protected endpoints, and centralize ongoing key management

Strengthened Compliance:

- > Kapalya customers can meet security and compliance requirements with detailed logging and audit tracking of all key state changes, administrator access and policy changes that SafeNet Virtual KeySecure provides
- > Organizations can gain greater visibility into any unauthorized access attempts and minimize the risk of lost or stolen keys. They also maintain ownership of encryption keys at all time

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Centralized Control Behind the Scenes:

For Kapalya software end-users, the experience is transparent, as they are typically unaware of the security technologies that have been employed behind the scenes. However, they and the entire organization benefit from these vital safeguards, while the company's IT and security employees enjoy a single management interface for configuring, and monitoring data security policies across all endpoints.

"As businesses connect to more devices and cloud platforms, they need solutions that offer security without limiting their potential for innovation. With SafeNet Virtual KeySecure, we're now able to offer the ability to protect data in a seamless and cost-effective way across endpoints, public clouds and private clouds. Businesses should no longer be held back in making full use of the cloud while retaining control of some of their most important assets." - Sudesh Kumar, Founder and CEO of Kapalya

About Gemalto's SafeNet Identity and Data Protection Solutions

Through its acquisition of SafeNet, Gemalto offers one of the most complete portfolios of enterprise security solutions in the world, enabling its customers to enjoy industry-leading protection of data, digital identities, payments and transactions – from the edge to the core. Gemalto's newly expanded portfolio of SafeNet Identity and Data Protection solutions enables enterprises across many verticals, including major financial institutions and governments, to take a data-centric approach to security by utilizing innovative encryption methods, best-in-class crypto management techniques, and strong authentication and identity management solutions to protect what matters, where it matters. Through these solutions, Gemalto helps organizations achieve compliance with stringent data privacy regulations and ensure that sensitive corporate assets, customer information, and digital transactions are safe from exposure and manipulation in order to protect customer trust in an increasingly digital world.


security to be free