MEDLIMINAL
THE LEADING EDGE OF MEDICAL COST CONTAINMENT

COMPANY NAME
Medliminal

CUSTOMER TYPE
Healthcare

LOCATION
United States

Summary

As a vendor to industry-leading healthcare providers, Medliminal is able to demonstrate their ability to mitigate vendor cybersecurity concerns by safeguarding Protected Health Information (PHI) using best practices for data-at-rest encryption and key management.

With these processes in place, Medliminal has positive control over where PHI is located for compliance, security, and ease of operations.

Medliminal chose to work with VMware and Fornetix to implement a solution that provides the benefits of virtualization and key lifecycle management applied to virtualization.

In Depth

CHALLENGE

Medliminal helps reduce medical costs for individuals by working with insurance and healthcare providers to identify billing mistakes. They then work with those providers to remove billing mistakes from patients' records.

Medliminal's industry-leading approach is anchored by a team of experienced nursing practitioners working with experienced hospital administrators. Together, they demonstrate the right approach to real-world application of care with a deep understanding of hospital administration.

The end result means Medliminal works with a great deal of PHI.

Medliminal's growth and success has attracted the attention of some of the largest insurance companies in the world. Amid highly-publicized cybersecurity breaches of large corporations that preyed on vendor weaknesses, Medliminal can clearly demonstrate compliance with HIPAA/HITECH, safeguards, and the most rigorous security requirements of insurers.

To protect their client's PHI, Medliminal has embraced the use of best practices for strong encryption that keep PHI safe from bad actors through advanced key management.

Medliminal's infrastructure and operations deploy VMware-based encryption due to their use of virtualization for services that process PHI. Fornetix VaultCore was selected to provide key lifecycle management based on ease of integration with VMware, security controls, and ability to expand encryption key management to new Medliminal services as they become available.

"The integration between the Fornetix VaultCore appliance and the Medliminal network was straight-forward. Once accessible on the network, the integration with VMware was a simple, straight-forward, 3-minute process. Now that Medliminal is encrypting all of our VM's and meeting PHI requirements with ease, expansion into managing the encryption keys for other technologies is about to commence. The Fornetix VaultCore appliance's extensibility allows Medliminal to manage not just our VMware virtual machine's keys, but other encryption keys throughout their enterprise as well."

Jim Napoli
CEO OF MEDLIMINAL

SOLUTION

Medliminal IT Services utilize the latest VMware vSphere 6.5 encryption and a VaultCore hardware appliance from Fornetix to offer PHI protection for any of their clients' data being held to FIPS 140-2 Level 2 compliance.

The integration was completed in less than 10 minutes and encryption is now implemented on the PHI-specific virtual infrastructure. All supporting security architecture documents and policies are in place to demonstrate this capability.

RESULT

Medliminal can easily demonstrate compliance without having their day-to-day operations impacted by the use of encryption-based security controls. They have passed the requisite security audits required to work with one of the top insurers in the world. Now, this company and their customers can benefit from Medliminal's industry-leading capabilities with confidence that the necessary PHI is safe and secure — protected with VMware vSphere 6.5 encryption and Fornetix VaultCore.

Medliminal is looking at a number of data-in-motion encryption requirements to safely speed up their review operations and support more customers. With VaultCore, work is underway to deploy the next phases of orchestration on other technologies connected to their enterprise.

PHI requires security, and encryption is the most consistent security mechanism available. With real attacks on healthcare happening daily through weapons like WannaCry, it is critical that encryption be woven into the cyber-defense posture of all HIPAA-covered entities. Key management is at the core of making encryption a strong security tool. Consequently, VaultCore is integral to making key management a viable cyber-defense tool.

ABOUT FORNETIX

Fornetix® VaultCore™ is a groundbreaking cybersecurity solution designed to unleash encryption's full potential by simplifying key management. Fornetix empowers organizations to build a data security strategy with encryption as the strong foundation. Safeguard sensitive information with a system backed by granular policy tools, user access controls, and powerful automation. VaultCore is a scalable and flexible solution that can manage hundreds of millions of encryption keys while integrating seamlessly with existing technology investments. Please visit www.fornetix.com for more information or to request a demo.

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