Plaza Premium Lounge

Meeting Compliance with Alliance Key Manager HSM

"Alliance Key Manager is simple, reliable, and easy to use - as a result, has allowed us to meet PCI DSS compliance and expand our market." - Sandeep Tewatia, IT Director

PLAZA PREMIUM LOUNGE

Plaza Premium Lounge is a global service brand headquartered in Hong Kong and is the industry-leader in premium airport services. Their goal is to make your airport experience seamless and effortless and, through their hearty services, change the perception of travel at the airport. The company operates in more than 140 locations in 35 airports across the globe and counts over 3,500 employees. The success of their business model has prompted airport authorities around the world to offer independent lounge facilities and value-added airport services as part of a bid to enhance the overall traveler experience.

THE CHALLENGE
Meet PCI DSS Compliance with Encryption Key Management

PCI DSS 3.0 requires businesses to, "Protect stored cardholder data." The Requirement 3 summary names encryption, truncation, masking, and hashing as "critical components of cardholder data protection" and places strong emphasis on key management: "If an intruder circumvents other security controls and gains access to encrypted data, without the proper cryptographic keys, the data is unreadable and unusable to that person." Storing encryption keys next to the data they protect is not considered a security best practice and won't meet data security compliance requirements like PCI DSS.

PLAZA PREMIUM LOUNGE

NEEDS

» Needed encryption key management to meet PCI DSS

» Easily integrates with existing IT infrastrutcture

» Multi-platform FIPS 140-2 compliant solution to allow business to scale

SOLUTION

» Alliance Key Manager HSM

» Easy to set up and configure

» Meets PCI DSS requirements for encryption key management

» Same key management technology available on premises and in cloud

Faced with designing a PCI DSS compliant environment to store and process credit cards, Plaza Premium Lounge understood the importance of deploying an encryption key manager and that it should be based on industry standards. The solution had to be FIPS 140-2 compliant, designed to scale with their business needs, and have easy integration with IT infrastructure. Additionally, the chosen vendor needed to provide excellent developer and technical support.

Townsend Security

Townsend Security provides data encryption and tokenization, key management, secure communications, and compliance logging solutions to Enterprise customers on a variety of server platforms including IBM i, IBM z, Windows, Linux, and UNIX. The company can be reached on the web at www.townsendsecurity.com, or (800) 357-1019.

THE SOLUTION
Alliance Key Manager HSM

"I looked at all of the encryption key management HSM vendors," said Sandeep Tewatia, IT Director. "Not only is Alliance Key Manager available as a FIPS 140-2 compliant HSM, Townsend Security has the same technology available in the cloud - which is important as we scale." By deploying Alliance Key Manager HSM, Plaza Premium Lounge was able to meet their business needs with a FIPS 140-2 compliant solution that could not only deploy quickly, but was also easy to set up and configure.

Integration with IT Infrastructure

"Townsend Security's integration with our existing IT infrastructure really set the company apart," continued Tewatia. "Alliance Key Manager has helped us meet our business goals of meeting PCI DSS in record time."

By combining Alliance Key Manager and Townsend Security's client applications and SDKs, Plaza Premium Lounge experienced a seamless integration with their IT infrastrutucture.

Meeting PCI DSS Compliance

By managing encryption keys separately from the encrypted data, meeting PCI DSS encryption key management requirements went from a long, difficult, developer project to an easy integration.
"Having a PCI compliant environment has allowed us to expand our market and Alliance Key Manager was essential to us meeting section 3 for protecting stored cardholder data," finished Tewatia.

LEARN MORE

Product Information
Alliance Key Manager

eBook
Encryption Key Management Simplified

Webinar
Encryption and Key Management Everywhere

White Paper
Industry Must-Haves for Key Management