

# RSA PCI Solutions



## At a Glance

- Discover cardholder data
- Assess areas of non-compliance and prioritize remediation activities
- Encrypt cardholder data and manage encryption keys
- Authenticate users and authorize access to cardholder data and related systems
- Manage logs and ease the process of proving that PCI DSS requirements have been satisfied

## PCI DSS Compliance: The Challenge

The world's leading card brands collaborated to create an industry-wide framework detailing how companies must secure the cardholder data they store, process or transmit. The result was the Payment Card Industry (PCI) Data Security Standard (DSS), a set of best practices designed to secure credit card data throughout the information lifecycle. The requirements apply to how organizations protect cardholder data itself, as well as all system components the data passes through.

Security and compliance officers in businesses worldwide now face unprecedented levels of accountability for securing consumer credit card data. The information security challenges outlined by the PCI Standard are significant: organizations must understand where all their cardholder data resides throughout an often distributed environment and ensure that this data, and access to the information and related systems, is secure.

Implementing the security technologies needed to meet the requirements is only part of the PCI battle. Businesses must also prove that they have implemented the policies, procedures and technologies prescribed by the standard,

and that they are actively monitoring for unauthorized access to both cardholder data and the associated systems.

From increased transaction fees to fines and ultimately to losing the right to accept credit card payments, the penalties for failing to demonstrate PCI compliance are so severe that they threaten to turn one of an organization's biggest assets – cardholder data – into a significant liability.

Unfortunately, when it comes to PCI compliance and effectively protecting cardholder data, many businesses understand what it means to fail. With RSA, you can join the few that understand what it means to succeed. As a leading provider of information-centric security solutions, RSA is in a position to help organizations prepare for and deliver on PCI compliance.

## Overview

RSA's PCI solutions address businesses' most critical PCI challenges – discovering credit card data; assessing their ability to meet PCI DSS requirements; securing cardholder data, as well as access to the data and related technology systems; tracking and monitoring access to cardholder data; and rapidly responding to potential breaches while demonstrating compliance to auditors and banks. For a full listing of RSA PCI solutions capable of addressing all 12 requirements, please visit [www.rsa.com/pci](http://www.rsa.com/pci).

## Beyond PCI DSS Compliance

By addressing PCI DSS compliance now, you can position your organization to avoid the significant costs associated with managing a data breach. RSA PCI solutions provide a foundation of best practices which can be leveraged as a framework to help minimize data risk for all types of mission-critical data, so you can focus on growing your business.

### Card Holder Data Discovery

Securing cardholder data, as required by the PCI Standard, is impossible without first discovering where the data is actually stored. RSA Professional Services helps customers to understand where cardholder data exists across the organization so that it can be secured and managed throughout its lifecycle. To achieve this, RSA Professional Services uses a range of application, network and data discovery and classification technologies to analyze the location and transaction flow of cardholder data, making the data easier to secure.

### Understanding the Current State of Compliance

After discovering cardholder data, organizations must understand any existing PCI compliance gaps in order to identify remediation needs. Through a readiness assessment, RSA Professional Services helps retailers understand their current PCI posture and develop a prioritized remediation roadmap prior to undergoing a formal PCI audit. A Professional Services key deliverable is reference architectures for the proper handling of cardholder data.

### Securing Card Holder Data

RSA delivers a broad range of data security technologies that enable customers to address PCI Requirements 3 and 4 by protecting stored cardholder data regardless of location and by preventing the information's leakage or loss. RSA's encryption solutions protect cardholder data – regardless of whether data resides in the network, an application, a database, files and folders or disk/tape storage. In addition, RSA's enterprise-wide key management solution ensures that data will be both available and properly protected no matter when or where it is needed.

- › PCI Requirements Addressed: 3 and 4

### Authenticating Users and Controlling Access

RSA's authentication and authorization solutions positively establish the identities of users and ensure that only authorized users may access cardholder data within web-based systems and file shares. RSA's strong authentication solutions deliver out-of-the-box integration with hundreds of products that can be part of a PCI infrastructure – VPNs, firewalls and application servers – helping organizations to ensure that those accessing cardholder systems are trusted users. RSA and EMC also provide solutions to monitor, analyze and manage the physical security of facilities and systems where cardholder data is housed and processed.

- › PCI Requirements Addressed: 7, 8 and 9

### Monitoring and Tracking Access / Easing Compliance

RSA's solutions for compliance and security information management establish a centralized point for tracking and monitoring access to cardholder data throughout a retail environment. By integrating with EMC's leading storage systems, RSA solutions retain an audit trail history, as required by PCI. They also issue out-of-the-box PCI compliance reports, significantly easing the process of demonstrating compliance to auditors.

- › PCI Requirements Addressed: 10

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## Summary

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RSA PCI solutions help retailers meet the Standard's specific requirements while also delivering a foundation of best practice controls which can be leveraged for broader security and compliance initiatives. In other words, with RSA, you'll have the foundation in place to address current PCI DSS compliance, while preparing for other requirements you may face now and in the future. By effectively addressing PCI requirements, retailers may be freed from fear and empowered to accelerate their business forward.



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