



PCI DSS Compliance in the Cloud Services

Any company, business, or organization that handles customer payment or cardholder data probably does so using cloud computing technology or service providers. But what you might not know is that any cardholder data that's handled, processed, or stored in the cloud is subject to the Payment Card Industry Data Security Standard (PCI DSS).

Even if you're not directly involved in handling your customer data in the cloud, you still need to be compliant with PCI DSS to ensure that all payment and cardholder data is properly secured and protected. RSI Security provides organizations of all shapes and sizes with the expertise and experience to safeguard data in the cloud and maintain PCI compliance.



PCI Compliance Solutions

Organizations that store, process or transmit payment card data need to comply with the Payment Card Industry Data Security Standard (PCI DSS) to protect cardholder data against theft and misuse. The advancement of hardware and software in the payment industry drives demand for a more sophisticated cybersecurity partner to bolster a long-term security posture.



Penetration Testing

Whether it's internal network or external web application, white-box or black-box – penetration testing uncovers critical issues and demonstrates how well your network and information assets are protected. RSI Security can simulate real-world attacks to assess our client's external applications, network, and mobile applications vulnerabilities.



External Vulnerability Scanning (ASV)

Each year RSI Security undergoes a rigorous testing process to maintain the prestigious PCI Security Standards Council's Approved Scanning Vendor (ASV) certification. RSI's vulnerability management allows you to manage and prioritize a list of vulnerabilities, understand how to fix them, and produce reports detailing and verifying your remediation process over time.



Cloud Provider Audit

Depending on the type of cloud services you employ and the deployment model, the accountabilities and responsibilities of your cloud service provider will vary. This can involve your cloud service provider's (CSP) internal teams, security measures, and best practices. RSI Security will work with you and your CSP to determine the exact responsibilities that your CSP has in order to become PCI compliant. This includes areas like data storage security, physical security, and network infrastructure.



PCI DSS Report on Compliance (ROC)

Rushed and deficient assessments will surely increase the likelihood of a data breach while inefficient assessment processes can result in budget overrun and business disruptions. Throughout an engagement with RSI Security, you will get sample sets of evidence that security controls are in place and effective, industry best practice recommendations on procedures, solutions to close identified gaps, and complete documentation of your CDE. One of our seasoned assessors that readily understands your business operations, security goals, and has experiential knowledge with the payment technologies in use will be at the helm of your assessment.



Service Model Analysis

Processing payment data in the cloud doesn't just take place in one way, shape, or form. Depending on your business model and technology stack, you may choose to deploy any of the following: private cloud, community cloud, public cloud, or hybrid cloud. RSI Security will help you determine which service model is right - and most secure - for your business as one of the first steps towards a fully PCI compliant cloud.



Segmentation Planning

When you're working with a CSP to process payments and handle sensitive cardholder data, often times the lines become blurred as to who should do what with regards to PCI compliance and keeping information secure. This is especially true when shared or hybrid cloud service models are deployed. RSI Security will help you segment the specific roles and responsibilities, providing a clear picture as to what you are responsible for, what your CSP needs to do, and what areas you need to collaborate on.



Risk Management

PCI has set forth standards that an organization must meet in order to mitigate risk and take all reasonable efforts to ensure a breach doesn't occur. This includes everything from securing cloud network infrastructure to limiting physical access to servers. RSI Security has decades of experience in cloud security risk management that will get you up to speed with PCI standards quickly and painlessly.



Scope Mapping

Once you extend payment and cardholder data into the cloud, the score of PCI compliance also increases. Merchants, payment facilitators, and CSPs that store and transmit cardholder data need to understand how this affects their cybersecurity safeguards and practices. RSI Security's team will assist you in mapping out and scoping your PCI compliance efforts so that all your bases are covered, depending on multiple factors like your technology stack, business model, data types, and deployment model.



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About RSI Security

RSI Security is the nation's premier information security and compliance provider dedicated to helping organizations achieve risk-management success. We work with some of the world's leading companies, institutions and governments to ensure the safety of their information and their compliance with applicable regulation. We also are a security and compliance software ISV and stay at the forefront of innovative tools to save assessment time, increase compliance and provide additional safeguard assurance. With a unique blend of software based automation and managed services, RSI can assist all sizes of organizations in managing IT governance, risk management and compliance efforts (GRC).



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