



randtronics

PCI DSS Requirement 3 Remediation Services

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Introduction

Many companies can often make the wrong choices when selecting technologies to meet regulatory compliance. In today's competitive market, it can often be quite difficult to identify what solutions exist that can meet your needs and which one is right for you. Randtronics offers a vendor-independent view of what technologies will suit your environment. We equip you with the right knowledge and skills to ensure that you become compliant with ease and efficiency.

PCI Compliance and Encryption

The Payment Card Industry Data Security Standard (PCI DSS) is a worldwide data security standard for any organisation that stores, processes or transmits cardholder data. PCI DSS Requirement 3 states that "Protection methods such as encryption, truncation, masking, and hashing are critical components of cardholder data protection."

For many organisations, becoming complying with Requirement 3 is an enormous task. The PCI DSS Requirement 3 section contains many concepts which are unfamiliar to most people, including key management and the protection of keys against misuse or disclosure. Implementing an encryption solution requires an understanding of core considerations around encryption such as choice of encryption key storage, distribution, rotation, implementation, performance impacts and recovery capabilities.

It takes more than just being aware of cryptographic solutions and the PCI standard; you need an understanding of how technology and compliance fit together. Without the proper knowledge and an understanding of how cryptography should be implemented you may find that you have purchased and deployed a solution that doesn't meet your corporate or compliance needs. Encrypting data can seem like a problematic task and some companies will go to great lengths to avoid doing so. However with the right choices and knowledge, complying with Requirement 3 can be simple and cost-effective.

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The Randtronics Difference

Randtronics consultants can help your organisation become compliant for Requirement 3 of PCI DSS Standard. Randtronics provides a solutions based approach to providing recommendations for the right choice of technology, offering a vendor-independent view of what technologies that will suit your environment. We evaluate your environment to determine the in-scope systems for compliance and assist in reducing that scope where possible. We educate you in the range of encryption technologies that are available in the market and type of choices that can be made. It is often difficult understanding the types of encryption technologies can be used and which solution will best meet your needs. Regardless of the solution chosen, we can help you take the guesswork out of trying to comply with Requirement 3.

With the right knowledge and understanding of encryption, complying with Requirement 3 can be made easy.

Identification

Randtronics consultants will help to identify the in-scope systems within your IT Systems that store card holder data. We survey and consult the key people within your organisation to determine where cardholder data is being stored and develop an over all view of your environment. We also gather information beyond the scope of Requirement 3 in order to better determine the right types of solutions.

Training

Our consultants not only assess your environment for compliance to Requirement 3 but we educate you on how to best select a product that will meet your needs. As part of our consultancy service, we provide training sessions, educating you about the possible solutions on the market so that you can make an informed decision.

Reporting

At the end of the consultancy period we provide an assessment report of your environment. The report examines key areas within your environment for compliance and offers suggestions for the solutions that can help to meet this. The report provides estimations for costs, resources and effort involved for Requirement 3 Compliance.

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Evaluation

Deciding on which vendor will meet your needs is difficult, especially as different solutions are designed for different environments. We help you to evaluate which solutions and which vendor will best meet your business needs. Some technologies can have a low initial cost, however, you need to ensure that ongoing maintenance and administration costs are not going to overshadow any initial savings that may be gained. It's also important to look at what technologies are already available within your enterprise and examine how they can be used as part of an over all solution.

Solution

Once a preferred vendor solution is chosen, Randtronics engineers will set up a Proof of Concept for that selected product. The Proof of Concept can be set up within your own test environment or in Randtronics labs. This allows your staff to become familiar with the technology before purchase and to make your own evaluations. It also provides an opportunity to benchmark the product so that you can develop an accurate estimation of its impact within your environment.

Contact Us

For more information about Randtronics Software Development services feel free to Contact Us.

Phone: (612) 8873 1999

Fax: (612) 9870 8560

E-mail contact: sales@randtronics.com

Website : www.randtronics.com



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