



Pirean

Unlock Your Business Potential

Solution Assured Manager for PCI

Tel: 0845 226 0542
Fax: 0845 226 2742
Email: info@pirean.com
Web: www.pirean.com

Implementing the Payment Card Industry Data Security Standard

In response to a number of recent high profile data theft incidents in the United States the retail and payment card industries attentions have focused on the threat of intrusion via security vulnerabilities in credit transactions. Pirean are the first to supply a route to compliance and total protection from attack for merchants and service providers who store, process or transmit cardholder data.

As compliance and information security continues to climb the corporate agenda the legislation and standards against which companies are assessed continues to increase. The latest of these standards has been introduced to address the challenges facing the payment card industry (PCI) – The PCI Data Security Standard.

The PCI Data Security Standard is designed to protect consumer data by reducing the risk of attack and misuse. The standard focuses on the proper use of technology and process to protect sensitive information (across firewalls, encryption, access controls and supplemental software).

Applicable to any company that processes more than 20,000 transactions per year, the standard requires organisations to scan their networks for vulnerabilities at least once a quarter and conduct annual audits of their compliance in line with the PCI standards. It is expected that the introduction and enforcement of the standard will affect hundreds of thousands of retailers worldwide.

Importantly, the PCI data security standard is not focused on any one industry, from online traders and high street stores to third-party processors – everybody will be assessed against the same minimum requirements.

In response to these important new changes Pirean have devised a maturity pathway, in alignment with IBM Tivoli software solutions, to deliver a unique PCI Toolset to ensure the integrity of every transaction moving through the organisation.

The PCI Data Security Standard

The standard consists of six objectives, broken down into twelve requirements:

Objective 1: Build and maintain a secure network

- Requirement 1: install and maintain a firewall to protect data
- Requirement 2: Do not use vendor-supplied defaults for systems passwords and other security parameters.

Objective 2: Protect cardholder data

- Requirement 3: Protect stored data
- Requirement 4: Encrypt transmission of cardholder data and sensitive information across public networks.

Objective 3: Maintain a vulnerability management program

- Requirement 5: Use and regularly update anti-virus software
- Requirement 6: Develop and maintain secure systems and applications

Objective 4: Implement strong access control measures

- Requirement 7: Restrict Access to data by business need-to-know
- Requirement 8: Assign a unique ID to each person with access
- Requirement 9: Restrict physical access to cardholder data

Objective 5: Regularly monitor and test the network

- Requirement 10: Track and monitor all access to network resources and cardholder data
- Requirement 11: Regularly test security systems and processes.

Objective 6: Maintain an information security policy

- Requirement 12: Maintain a policy which addresses information security

Addressing The Standard

Pirean address each part of the PCI Data Security Standard through the Solution Assured (SA) Manager for PCI offering - tools and processes for best practice focused on the PCI security standard.

Built on IBM Tivoli Software, SA Manager for PCI uniquely positions both Pirean and IBM to support customers through the implementation of a PCI specific implementation of IBM Tivoli Compliance Manager, Access Manager for Operating Systems and Risk Manager.

Offering complete peace of mind for your organisation and your customers through the application of innovative software and processing solutions, Pirean deliver protection against payment card fraud through a unique application of best practice software and processing solutions.

In addition to the SA Manager for PCI toolset, Pirean and IBM Tivoli Software are also able to provide additional benefit through the implementation of IBM Tivoli Identity Manager.

Pirean have developed the software solutions and business process of SA Manager for PCI in line with industry recognised best practice (BS 7799, ISO 9001, BS 15000, ITIL and COBIT) in order to provide additional security confidence and benefit beyond the PCI standard.

For more information visit pirean.com or call +44(0)845 838 2568 to arrange a free demonstration of the toolset tailored to your environment .

Introducing Solution Assured™

Combining business process, procedure and measurement with effective technologies and support networks, Pirean's Solution Assured™ standard allows our customers to implement a best practice solution to meet real business need with a promise of ongoing support, longevity and relevance.

Pirean's services are delivered through a number of methods, from managed services to packaged applications, all accompanied by the same Solution Assured™ guarantee that solutions will not only address issues facing organisations today but continue to enable the business to overcome new obstacles as they arise, whether technical threat, legislative requirement or new business need.

To find out more about Solution Assured™ visit:
www.solutionassured.com



'Pirean', and the Pirean logo are registered trademarks of Pirean Ltd Registered in England No. 4453109

Copyright © 2007-2008 Pirean Limited, all rights reserved. No part of this publication may be reproduced, stored in a retrieval system, used in a spreadsheet, or transmitted in any form or by any means - electronic, mechanical, photocopying, recording or otherwise - without the permission of Pirean Limited.