

PROLIFICS INDUSTRY SOLUTIONS :
MAKE YOUR DATA PCI COMPLIANT
FOR CREDIT CARD PROCESSING SYSTEMS

As security breaches continue to make headlines in the news, companies are racing to meet the Payment Card Industry (PCI) Data Security Standard (DSS) developed by the PCI Security Standards Council, founded by American Express, Discover Financial Services, JCB International, MasterCard Worldwide and Visa Inc.

The PCI DSS lists twelve security requirements for any company storing, processing or transmitting credit card information. Non-compliance can result in fines or revocation of services.

Build and Maintain a Secure Network

Requirement 1: Install and maintain a firewall configuration to protect cardholder data

Requirement 2: Do not use vendor-supplied defaults for system passwords and other security parameters

Protect Cardholder Data

Requirement 3: Protect stored cardholder data

Requirement 4: Encrypt transmission of

cardholder data across open, public networks

Maintain a Vulnerability Management Program

Requirement 5: Use and regularly update anti-virus software

Requirement 6: Develop and maintain secure systems and applications

Implement Strong Access Control Measures

Requirement 7: Restrict access to cardholder data by business need-to-know

Requirement 8: Assign a unique ID to each person with computer access

Requirement 9: Restrict physical access to cardholder data

Regularly Monitor and Test Networks

Requirement 10: Track and monitor all access to network resources and cardholder data

Requirement 11: Regularly test security systems and processes

Maintain an Information Security Policy

Requirement 12: Maintain a policy that addresses information security

Prolifics' PCI Compliance Solutions help companies implement the requirements necessary for data encryption, data transmission and data security.

- ◆ **IBM® WebSphere® DataPower® Quick Start or Starter Pack:** WebSphere DataPower SOA/XML Appliances are easy-to-deploy network devices offering a secure, central point to protect networks; encrypt, decrypt and digitally sign sensitive cardholder data; filter for common virus and hacker attacks; and monitor for overall compliance.
- ◆ **Prolifics' Implementation Services for IBM® WebSphere® MQ Extended Security Edition (ESE):** If you are already using WebSphere MQ for data messaging, let Prolifics advise you on whether WebSphere MQ ESE will help you meet crucial PCI DSS requirements.
- ◆ **Prolifics' WebSphere MQ Architectural Review:** Let Prolifics' WebSphere MQ experts provide a free MQ Architectural Review designed to test and review the security and performance of your MQ implementation.



PCI Compliance Solutions consist of these benefits:

- ◆ Meet PCI DSS compliance deadlines
- ◆ Encrypt transmission of cardholder data
- ◆ Increase security for high volume credit card authorization services, without performance degradation
- ◆ Improve application integration flexibility through use of SOA standards and SOA/XML appliances

Prolifics®

SOLVING BUSINESS PROBLEMS WITH TECHNOLOGY SOLUTIONS SINCE 1978

MAKE YOUR DATA PCI COMPLIANT FOR CREDIT CARD PROCESSING SYSTEMS GETTING STARTED

Discovery Call:

To get started we recommend a no-obligation Discovery Call. This is a 30-60 minute consultative call with a senior-level Solution Specialist. By reviewing your existing IT infrastructure, the call provides expert advice and is designed to help you map out a strategy for moving forward with your project.

Offerings:

WebSphere DataPower Quick Start:

In the WebSphere DataPower Quick Start, a Prolifics expert consultant:

- ◆ Conducts an interactive workshop that focuses on DataPower integration specifically for your environment
- ◆ Delivers a proposal with recommendations for achieving both short and longer term goals
- ◆ Provides training geared to the specific functions of your new WebSphere DataPower SOA Appliance
- ◆ Installs and configures your WebSphere DataPower SOA Appliance
- ◆ Supplies network configuration and monitoring assistance
- ◆ Implements security, access control and/or transformation mentoring or implementation geared specifically to your needs

WebSphere DataPower Starter Pack:

This offer combines the WebSphere DataPower Quick Start detailed above with two (2) of the WebSphere DataPower Integration Appliance XI50's, Gold Support.

Implementation Services for WebSphere MQ Extended Security Edition (ESE):

If you are already using WebSphere MQ for data messaging, let Prolifics advise you on whether WebSphere MQ ESE will help you meet crucial PCI DSS requirements so that the integrity and confidentiality of messages can be preserved not just while messages are in transit between systems, but also while they are under the control of WebSphere MQ while residing in a message queue.

WebSphere MQ Architectural Review:

Prolifics' certified MQ Solution Architects will provide a free MQ Architectural Review which typically includes the following activities:

- ◆ Implementation review
- ◆ Check for security gaps/issues
- ◆ Analyze performance and throughput
- ◆ Examine Queue Manager configurations and error logs/files
- ◆ Review any outstanding PMRs
- ◆ Check version usage and upgrade options/efforts

About Prolifics

Prolifics, in business since 1978, is an end-to-end systems integrator specializing in IBM technologies. A Premier IBM Business Partner, Prolifics has garnered top awards for its customer solutions and its level of technical excellence. Our depth of experience with secure, end-to-end SOA and Portal solutions can help you with all aspects of the full project lifecycle including software procurement, architectural advisement, design, development through deployment, administration and training. With our unparalleled 96% success rate delivering projects on time, on budget, and to specification, let Prolifics be your technology partner. Visit Prolifics at: www.prolifics.com

Winner of ...

- ◆ *IBM Award for Overall Technical Excellence in 2007 and 2008*
- ◆ *IBM Award for Best SOA Solution in 2008*
- ◆ *IBM IMPACT SOA Solution Award in 2007*



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