



# PCI Compliance

The PCI (Payment Card Industry) Program was created by leading credit card companies, including MasterCard and Visa, to ensure solid security practices are followed by financial institutions, Internet vendors and retail merchants.

### PCI Compliance At-a-Glance

In 2006, the Payment Card Industry Security Standards Council (PCI SSC) was formed by American Express, Discover, JCB, MasterCard and Visa. By establishing an independent body designed to govern payment industry security standards, the PCI SSC has created a unified global system that is more efficient for stakeholders and consumers.

The PCI SSC tests and qualifies two types of auditors for Payment Card Industry (PCI) compliance: Approved Scanning Vendors (ASVs) and Qualified Security Assessors (QSAs).

These auditors enable merchants and payment data processors to comply with the standards set forth by the PCI SSC, known as the PCI Data Security Standard. This multifaceted security standard includes metrics on security management, policies, procedures and network architecture.

### PCI and Your Organization

You are subject to PCI compliance if your organization touches or sees credit card information and cardholder data, either directly or as a service provider to another company. As an IT executive you are charged with PCI compliance, managing financial risks, preventing fraud from being conducted on your systems, and avoiding penalties as PCI evolves to become a government mandate both in the U.S. and worldwide.

Your company may be required to either conduct a self-assessment or have one performed by a PCI QSA, depending on your role in cardholder data handling and the number of transactions you conduct yearly. In all cases, PCI requires that an executive officer of your company sign-off on PCI compliance and assessment results. This highlights the accountability and liability inherent in the PCI process.

TELEHOUSE is certified by PCI under the QSA and ASV programs and has vast experience in PCI compliance.

### The TELEHOUSE Approach to PCI Compliance

TELEHOUSE can conduct a full PCI assessment for your organization or assist you in your pre-assessment, self-assessment and remediation processes. PCI audits are complex, requiring extensive knowledge of both the standard and techniques for maximizing compliance while reducing costs. An involved process, PCI audits require a detailed technical understanding of both the architecture and the operation of many infrastructure and business components. TELEHOUSE's experience helps you use your resources efficiently to meet PCI requirements.

TELEHOUSE's PCI consulting practice addresses all of your PCI requirements, so that you can:

- Build and maintain a secure network
- Protect cardholder data
- Establish automated and manual discovery of sensitive cardholder data throughout your infrastructure
- Address legacy systems housing cardholder data
- Maintain an effective vulnerability management program
- Implement effective access control measures
- Regularly monitor and test networks
- Maintain a policy that addresses information security requirements and operational best practices

Our expert security consultants will provide you with a comprehensive report that identifies the compliance status of the audited network, based on PCI compliance guidelines.

**TELEHOUSE has vast experience in PCI compliance and we are certified by PCI under the QSA program and ASV programs.**

#### Benefits

- Detect and remediate vulnerabilities before a security incident occurs
- Avoid hefty fines and damage to your company's reputation
- Maintain your customers' trust

#### Key Features

- Thorough
- Holistic
- Detailed Reporting
- Vulnerability
- Remediation Strategy

For more information visit [www.TELEHOUSE.com](http://www.TELEHOUSE.com)



It is often easier to manage networks than people. Protect all aspects of your security posture with solid policies and procedures created by your trusted security expert, TELEHOUSE.

We can also help you design recommended compensating controls for remediation that are included in the report. We then work with you to submit these to your acquirer or card brand for final approval.

### Approved Scanning Vendor (ASV) Services

The payment card industry (PCI) standard requires remote security testing of a merchant's Internet presence by an ASV. The ASV security scan passively probes hosts, via the Internet, that require remote auditing for PCI compliance.

TELEHOUSE is an expert ASV with a proven track record of success. Our experience includes extensive penetration testing, vulnerability identification and analysis, and remediation strategy development.

This service combines security experts with best-of-breed scanning technology to identify real and potential vulnerabilities in Internet facing systems such as routers, firewalls, web servers and email servers. It also identifies vulnerabilities that may exist as a result of misconfigurations that may be inherent to commercially released operating systems and applications. These vulnerabilities could result in unauthorized access to the internal network and infrastructure components.

We employ a combination of leading test tools and expert detailed manual analysis of results for both network security and Internet security scans. Our attention to detail minimizes the risk of false positives and reporting of erroneous vulnerabilities.

With this understanding, you can implement prioritized and proactive security measures that address vulnerabilities and PCI compliance gaps before a breach can occur or TELEHOUSE consulting services are available to assist you in remediation.

Our comprehensive ASV Security Scan service tests for vulnerabilities across a broad spectrum of categories, and within each category, we perform a number of distinct tests. This service can be delivered on an as needed or quarterly basis as required for compliance.

### ASV Reporting

The service generates two reports providing a comprehensive analysis of the overall security risk of the scanned network. Reports are produced by security consultants with many years of experience in penetration testing, vulnerability assessment, risk and compliance auditing.

### Business Benefits

According to research published in 2006 by the Payment Card Industry Security Standards Council, 83% of cardholders who have not shopped online state that this is due to worries about the security of their credit card information.

The PCI program is a comprehensive framework for evaluating and improving the security of cardholder data. It helps merchants, service providers, data storage entities and third party processors protect themselves against threats by implementing a baseline set of procedures and policies, ensuring that stored data and data in motion is proactively protected with appropriate safeguards.

TELEHOUSE's PCI advisors work with you to evaluate your current cardholder environment, compare controls against the PCI Data Security Standards requirements, and perform testing as detailed in the DSS documents.

This holistic approach examines how information flows and is shared, how access is controlled, and how data is transmitted and destroyed, among other network security procedures. We identify vulnerabilities and provide practical remediation for achieving compliance with the PCI DSS requirements, while improving your overall information security posture.

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