

Security solutions for Payment Card Industry (PCI) compliance help secure your cardholder data



Theft of cardholder data is a major threat that carries potentially enormous liability – both from fines charged by payment card companies rather than credit card associations and from loss of public confidence in your organization.

Organizations that store, transmit, and/or process cardholder data must meet minimum standards of security. If you are a service provider or a merchant, you need to protect your critical digital data now.

Who Must Comply?

Any organization that processes, stores, or transmits credit card data must comply with the PCI Data Security Standard. PCI has grouped companies by their types as well as how many transactions they process. Using

these groupings, the PCI has assigned levels, from largest (Level 1) to smallest (Level 4). Merchants are companies that conduct business, either online or in traditional “brick and mortar” fashion. Service providers are companies that facilitate transactions on behalf of merchants and acquiring banks. Based on their level, a company must perform a series of tasks to substantiate its compliance with the PCI. The following table summarizes these tasks.

Potential Benefits

- Trusted Advisor
- Breadth and depth of experience across industries
- Comprehensive solutions
- Increase visibility into critical risks
- Provide actionable recommendations for enterprise security

Features

- Annual PCI Assessments
- PCI Program Management
- PCI Education and Training

PCI Data Security Standards

Regardless of transaction volume and the steps required to demonstrate compliance, all companies must adhere to the PCI Data Security Standards. The table to the right summarizes key provisions of these standards.

AT&T Cybersecurity Consulting offers a range of comprehensive, customized PCI compliance solutions to provide a holistic solution for your company. We provide assessments (PCI) and remediation consulting, program development, penetration testing and code review services that help companies address specific areas of PCI compliance and security best practices.

* At the discretion of the card brands

** Either perform Annual Assessment or have qualified internal resource perform self-assessment

Category / Level	Meets PCI DSS	Annual Assessment	Annual Self-Assessment	Semi-annual Penetration Test	Quarterly Scanning
Service Provider Level 1	*	*		*	*
Service Provider Level 2	*		+	*	*
Merchant Level 1	*	*		*	*
Merchant Level 2	*		**	*	*
Merchant Level 3	*		*	*	*
Merchant Level 4	*		*	*	*

+ Must go through Annual Assessment to be listed on Visa’s site of compliant Service Providers and registered with the card brands.

Our Methodology

AT&T Cybersecurity Consulting takes a collaborative Trusted Advisor approach with your company. AT&T Consulting works closely with you to gain a strong understanding of their business model, cardholder data flows, cardholder data repositories, network architecture and systems that support your business. This allows us to perform a thorough assessment while we are on site, and more importantly, puts us in a position to provide strategic and tactical advice in the event that a PCI objective/control is not met. We provide tactical advice, making recommendations to assist you in addressing gaps and we provide strategic advice to assist your company in performing root cause analyses of the cause of any PCI-related gaps as well as areas of security Best Practices.

Annual PCI Assessments

As a PCI Qualified Security Assessor (QSA), AT&T Cybersecurity Consulting performs PCI assessments, PCI readiness assessments and PCI Health Checks for numerous clients (merchants and Service Providers) on an annual basis. The on site assessments consist of interviews of key personnel, examination of policies, procedures and other key documents, architecture review and review of key device configurations. The result of this effort is a Report on Compliance and (if applicable) a PCI Attestation of Compliance document, which articulates the company's adherence to the PCI Data Security Standard. We perform PCI readiness assessments to create Remediation Roadmaps to assist you in fast-tracking your compliance efforts. In addition, AT&T Cybersecurity Consulting performs periodic PCI Health Checks to help ensure that you are addressing controls which have a history of slipping through the cracks.

PCI Data Security Standards	
Build & Maintain a Secure Network	1. Install and maintain a firewall configuration to protect cardholder data
	2. Do not use vendor-supplied defaults for system passwords and other security parameters
Protect Cardholder Data	3. Protect stored cardholder data
	4. Encrypt transmission of cardholder data across open, public networks
Maintain a Vulnerability Management Program	5. Use and regularly update anti-virus
	6. Develop and maintain secure systems and applications
Implement Strong Access Control Measures	7. Restrict access to cardholder data by business need-to-know
	8. Assign a unique ID to each person with computer access
	9. Restrict physical access to cardholder data
Regularly Monitor & Test Networks	10. Track and monitor all access to network resources and cardholder data
	11. Regularly test security systems and processes
Maintain an Information Security Policy	12. Maintain a policy that addresses information security

PCI Program Management

Addressing the PCI efforts across an organization can be challenging, requiring specialized knowledge and project coordination experience. AT&T Consulting has both the project and program management experience to help manage your security governance program (including PCI).

AT&T PCI-Related Services

AT&T Cybersecurity Consulting offers several managed **security services** as well as additional security consulting services to help you meet the requirements of the PCI Data Security Standard. These services include vulnerability scanning, penetration testing (network and application), incident response workshops, secure coding training, forensic review and cardholder data flows and discovery of card holder data within the network. AT&T's suite of compliance and compliant services help reduce the cost and complexity of meeting the PCI Data Security Standard.

AT&T Cybersecurity Solutions: Expertise from a Trusted Provider

AT&T provides a unique and world-class portfolio of compliance and related security services. Our experience, expertise and commitment to open standards have established us as a strategic and trusted advisor with our customers. By leveraging AT&T, you can expect best-in-breed solutions, a global network of proven technology, and a cost-effective program-based approach to meet your security and compliance needs.

For more information contact an AT&T Representative or visit www.att.com/security/consulting.

To learn more about AT&T Cybersecurity Consulting services from AT&T, visit www.att.com/security-consulting or [have us contact you](#).

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