

# Simplifying PCI Compliance



At-A-Glance

## Addressing Ongoing Security and Compliance Requirements

Organizations continue to face threats to their brands, reputations, and profits from attacks on their information systems. The Payment Card Industry Data Security Standard (PCI DSS) is designed to protect credit card information. The Cisco® approach to simplifying compliance is designed to make it easier for organizations to maintain a secure, compliant network.

### Cisco's Approach: Network Segmentation

With the Cisco Compliance Solution for PCI DSS 2.0, Cisco provides a holistic, three-step approach for protecting credit card data, personal information, and customer identities:

#### 1. Define where sensitive payment information flows.

Cisco understands architecture and networks. Our segmentation approach helps you reduce the footprint of your sensitive data to within a defined network scope. By segmenting your existing architecture, you can reduce audit costs and simplify maintenance.

#### 2. Protect the segmented area.

With a clearly defined scope in which credit card data enters, flows, resides, and exits, you can easily identify the area's perimeter. Any boundary that touches public or untrusted networks must have firewall protection and intrusion detection capabilities.

#### 3. Make sure that you can effectively monitor the segmented environment.

The last element of the Cisco Compliance Solution for PCI DSS

2.0 is the ability to monitor the secured environment for threats, misconfiguration, and internal espionage. You must know the status of this sensitive area and the people that have access to it in order to maintain compliance.

As Figure 1 shows, segmentation allows you to simplify maintenance and reduce the cost and complexity of a PCI audit.

### Addressing Security with Compliance

The Cisco PCI solution helps simplify your compliance strategy. At the same time, it provides comprehensive best practices for securing all data and provides a secure foundation for enabling new business initiatives.

Cisco and our partners have the technology and experience to help solve your compliance challenges. Independent auditor Cybertrust, a division of Verizon Business, has been assessing Cisco products and the Compliance Solution for PCI DSS 2.0 for more than five years. Recognized by Gartner analysts as the most strategic vendor to meet PCI DSS needs, Cisco has been participating with the PCI Council and has been twice elected to the PCI Council Board of Advisors by global participants.

### Learn More Today

For more information on the Cisco Compliance Solution for PCI DSS 2.0, visit: [www.cisco.com/go/pci](http://www.cisco.com/go/pci).



Figure 1. The Role of Segmentation in Maintaining a Secure and Compliant Network

