

# Simplify PCI Compliance



At-A-Glance



## Address Ongoing Security and Compliance Requirements

Data breaches continue to threaten organizations' brands, reputations, and profits. The Payment Card Industry Data Security Standard (PCI DSS) is designed to protect credit card information. Cisco simplifies compliance with an approach designed to help you maintain a secure network.

## Cisco's Approach: Network Segmentation

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 reduces the footprint of your sensitive data to a defined network scope. Segmenting your existing architecture helps you reduce audit costs and simplifies maintenance.

### 2. Protect the segmented area.

With a clearly defined scope in which credit card data enters, 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. Monitor the segmented environment.

To maintain compliance, you must know the status of this sensitive area and know who has access to it. Cisco solutions for PCI

compliance let you monitor the secured environment for threats, misconfiguration, and internal espionage.

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

## Improving Segmentation

For organizations challenged with redesigning their IP addressing plan to support segmentation, Cisco offers an innovative approach that has been assessed by Verizon (QSA). Cisco TrustSec for PCI allows organizations to keep their existing topologies while effectively segmenting their environment using Security Group Tags. Cisco TrustSec streamlines firewall rules, automates policy enforcement, and simplifies security auditing.

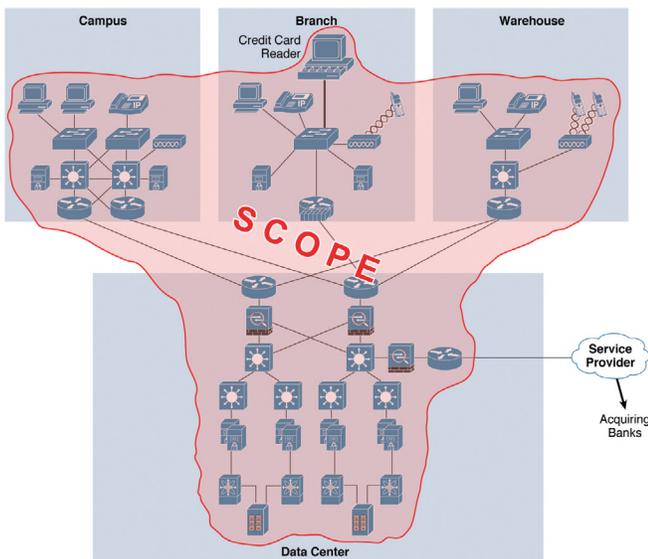
Cisco and our partners have the technology and experience to help solve your compliance challenges. Cisco also has been recognized by Gartner analysts as the most strategic vendor to meet PCI DSS needs. We have participated with the PCI Council and been elected to the PCI Council Board of Advisors three times by global participants.

## Learn More Today

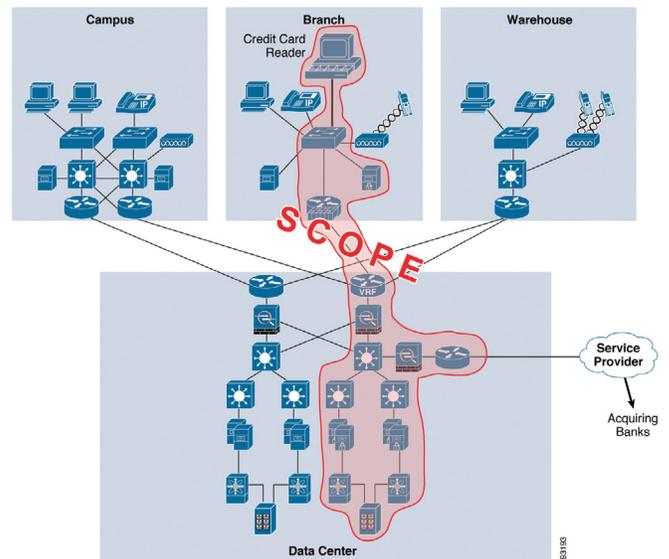
For more information on Cisco solutions for PCI DSS compliance, visit: [www.cisco.com/go/compliance](http://www.cisco.com/go/compliance).



Figure 1. Segmentation Simplifies PCI Compliance



Without segmentation, the entire network is in scope and subject to PCI compliance



Segmentation reduces audit costs and simplifies maintenance.