



## EXECUTIVE SUMMARY

### Partner Affiliation:

- Cisco Developer Network
- Cisco Strategic Partner

### Associated Cisco Solution:

- Cisco PCI Solution for Retail 2.0

### Customer Benefits:

- Cisco PCI Solution for Retail 2.0
  - Simplifies PCI compliance
  - Reduces risk with end-to-end blueprint for mandated security
  - Gives customers secure shopping experiences
- VCE's Virtualized Data Center for Retail
  - Shortens deployment times for virtualization, with pre-integrated solutions
  - Maximizes flexibility with highly scalable, customizable offerings
  - Brings together industry-leading technologies in a collaborative solution with a simple support model

### Targeted Industries:

- Retail

### Geographical Regions Served:

- Global

## Cisco PCI Solution for Retail 2.0: VCE's Virtualized Data Center for Retail

### Partner Overview

Formed by Cisco and EMC with investments from VMware and Intel, the Virtual Computing Environment (VCE) Company aims to accelerate the adoption of converged infrastructure and cloud-based computing models that dramatically reduce IT costs and drive up productivity. Vblock™ Infrastructure Platforms and development environments are offered through an extensive partner network, allowing customers to focus on business innovation instead of integrating, validating, and managing IT infrastructure.

### Cisco Solution Description

The Cisco® PCI Solution for Retail 2.0 includes a set of validated designs that incorporate technology from Cisco and its partners. The solution helps retailers meet the requirements of the PCI Data Security Standard (PCI DSS). Cisco simplifies PCI compliance by providing the network and systems foundation for implementing comprehensive data security best practices and meeting today's regulatory compliance requirements. Business benefits of Cisco's PCI solution include:

- Simplifying PCI compliance
- Establishing a strong foundation for security, with a network and systems infrastructure that helps retailers address the 12 PCI requirements
- Securely and reliably protecting brand image and assets while mitigating the financial risk of noncompliance fines and penalties
- Accelerating new business initiatives by eliminating the need to redesign the network to accommodate PCI security requirements
- Building customer loyalty with a secure shopping experience



THE VIRTUAL COMPUTING  
ENVIRONMENT COMPANY

## Partner Components in the Cisco Solution

VCE's Vblock Infrastructure Platforms give retailers pre-integrated, best-in-class, secure data center infrastructure and rapidly deployable private cloud platforms tailored to meet PCI requirements. VCE platforms combine industry-leading technology: VMware virtualization; Cisco networking and compute resources; and EMC storage, security, and management technologies. The highly scalable end-to-end offerings are reliable, secure, and optimized for efficient power and cooling.

Vblock Infrastructure Platforms are jointly tested and supported by the contributing vendors to cost-effectively deliver the performance and capacity retailers require for success. The security controls of the Vblock Infrastructure Platforms are validated by a Qualified Security Assessor (QSA) against PCI DSS requirements in typical retail environments.

VCE helps retailers securely harness the power of virtualization for agility in fast-paced markets. Vblock platforms uniquely blend cloud computing and secure next-generation converged infrastructure to enable faster PCI compliance, reliable business continuity, and robust disaster recovery capabilities. Additional unique benefits include consumption and mobility management, management uniformity, and a single model for services and support.

## Related Cisco Products

- **Routing:** Cisco Integrated Services Routers (ISR, ISR G2), Cisco Aggregation Services Routers (ASR)
- **Switching:** Cisco Catalyst® compact switches, Cisco Catalyst access switches, and Cisco Catalyst data center switches, Cisco Nexus® 1000V Series Switches, Cisco Nexus 5000 and 7000 Series Switches, Cisco Application Control Engine (ACE), Cisco Multilayer Director Switch (MDS) with Storage Media Encryption module
- **Network Security:** Cisco Adaptive Security Appliance (ASA), Cisco IronPort® Email Security Appliance, Cisco Network Admission Control (NAC) Appliance, Cisco AnyConnect™ VPN, Cisco Firewall Services Modules (FWSM), Cisco Intrusion Detection System Services Modules (IDSM), Cisco Intrusion Prevention System Appliances (IPS), Cisco Nexus Virtual Security Gateway (VSG), Cisco IOS® Firewall, Cisco IOS IPS, Cisco Secure Access Control Server (ACS)
- **Wireless:** Cisco Aironet® Access Points, Cisco Wireless LAN Controllers, Cisco Mobility Services Engine with enhanced local mode (ELM), Cisco Adaptive Wireless IPS
- **Physical Security:** Cisco Video Surveillance Operations Manager (VSOM), Cisco Video Surveillance IP Cameras, Cisco Physical Security Multiservices Platform (MSP), Cisco Physical Access Manager, Cisco Physical Access Gateways
- **Compute Systems and Storage:** Cisco Unified Computing System™ (UCS), Cisco UCS Express
- **Management:** Cisco Security Manager, Cisco Wireless Control System (WCS), CiscoWorks LAN Management Solution (LMS)
- **Voice:** Cisco Unified Communications Manager, Cisco Unified Contact Center Enterprise, Cisco Unified Intelligent Contact Management, Cisco Unified Customer Voice Portal, Cisco Unified IP Phones
- **WAN Optimization:** Cisco Wide Area Application Engine (WAE), Cisco Wide Area Application Services (WAAS)

## Related Partner Information

- Vblock platforms overview: <http://www.vce.com/solutions/vblock/>
- Cisco Unified Computing System: <http://www.cisco.com/en/US/partner/netsol/ns944/index.html>

## For More Information

### VCE

[www.vce.com](http://www.vce.com)

Imran Anwar  
Solutions Management &  
Marketing

(855) 823-1317

[moreinfo@vce.com](mailto:moreinfo@vce.com)

### Cisco

[www.cisco.com](http://www.cisco.com)

Rick Simon  
Retail Technology  
Partner Manager

(408) 527-5332

[risimon@cisco.com](mailto:risimon@cisco.com)



**Americas Headquarters**  
Cisco Systems, Inc.  
San Jose, CA

**Asia Pacific Headquarters**  
Cisco Systems (USA) Pte. Ltd.  
Singapore

**Europe Headquarters**  
Cisco Systems International BV Amsterdam,  
The Netherlands

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