

Strengthening Network Defenses with Integrated Security from Trend Micro and Cisco Systems



Why Trend Micro and Cisco

Complementary Security

Strategies: Cisco offers a rich portfolio of networking and security components that are ideal platforms for Trend Micro's multi-layer, multi-threat software offerings. Working together, we have created a roadmap for integrated content and network security solutions.

Technology Integration:

The R&D teams at Trend Micro and Cisco are collaborating to deliver integrated solutions based on each company's best-of-breed technologies. Trend Micro's contributions include outbreak management services, integrated secure content management, endpoint policy enforcement, and malware research support.

Seamless Customer Experience:

The Trend Micro-Cisco partnership extends beyond technology. Channel alignment and coordinated support escalation processes lessen the burden on customers and ensure fast deployment and problem resolution.

Cyber Criminals Target Your Business for Profit

Just a few years ago, Internet threats were indiscriminate, aiming to infect thousands or millions of users at once just for bragging rights. In contrast, today's attacks are led by organized criminals. These cyber criminals target your network to steal resources and private information, including financial and customer data—for profit.

Today, the network is a battleground. The modern enterprise has many physical entry points—wireless access, laptops, smart phones, and virtual private network (VPN) connections. A growing number of applications span the firewall, including email, partner intranets, and peer-to-peer network sharing. These technologies drive new opportunities for mobility and collaboration—but also serve as backdoors for attackers. Anywhere your people can enter the network, cyber criminals can, too—unless you have the right security.

Organizations need a security architecture that embeds content security protection in the network itself. Only this approach can effectively combat these new and more sinister threats such as blended attacks, Web threats, spyware, spam, phishing, pharming, viruses, worms, bots, and inappropriate content. And only Trend Micro and Cisco—proven partners in integrating content and network security—can do it right.

Safeguarding the Network: A Shared Vision

Cisco and Trend Micro are committed to provide customers with market-leading solutions in network and content security. It's a natural partnership: Cisco is the worldwide leader of networking for the Internet; Trend Micro is the global leader in gateway and server security¹ and was rated the best value in enterprise security². These two industry giants now offer integrated solutions for content security, network directed malware remediation, and endpoint policy enforcement.

“Trend Micro's award-winning gateway protection allows us to deliver the value of integrated, multifunction security at the network edge.”

*—Richard Palmer, Senior Vice President and General Manager,
Cisco Security Technology Group*



¹ Source: IDC—Worldwide Anti-virus 2006-2009 Forecast and Analysis: Antivirus Evolves from Product to Feature, Document #24567. Dec. 2005.

² Source: CIO Insight's 2006 Vendor Value Study, CIO Insight Magazine, December 4, 2006, Ziff-Davis.

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TREND MICRO AND CISCO Integrated Content and Network Security Solutions

Content Security

Threatened by automated attacks and blended threats that use multiple tactics to infiltrate the network, traditional perimeter defenses can't fully protect your corporate assets—you need another layer of security at the gateway and beyond. Trend Micro and Cisco have created the Content Security Control Security Service Module (CSC-SSM), used in the Cisco ASA 5500 Series Content Security Edition. This gateway security appliance integrates content security with Cisco's leading firewall technology and VPN services to deliver secure network access.

The CSC-SSM features Trend Micro's industry-leading threat protection: anti-spam, anti-phishing, URL blocking and filtering, content filtering, antivirus, anti-spyware, and file blocking. It prevents malicious code from crossing the Internet gateway and disrupting operations. With CSC-SSM, you can mitigate risks to productivity, protect your intellectual property, and improve operational efficiency.

As an additional layer of security, Trend Micro's "in the cloud" Email Reputation Services blocks spam and inappropriate content—before it enters the network.

Network-Directed Malware Remediation

As threats evolve, so must network security. To help you deal with attacks, Trend Micro has integrated Damage Cleanup Services with Cisco Security MARS. This solution leverages your network infrastructure as the foundation for malware incident response. This latest offering—incident response via a network-directed malware remediation approach—is the natural evolution of Trend Micro's and Cisco's long-term collaboration on intrusion prevention and outbreak management.

Cisco Security Monitoring, Analysis and Response System (MARS) correlates events from network devices and host applications, and generates alerts for suspicious activities. Malware-related alerts cause Cisco Security MARS to trigger Trend Micro™ Damage Cleanup Services to automatically remove blended threats, spyware, rootkits, worms, bots and other malware from infected endpoints and restore them to operational health. This integrated solution reduces malware remediation costs, enhances user productivity, and ensures business continuity.

NAC: Endpoint Policy Enforcement

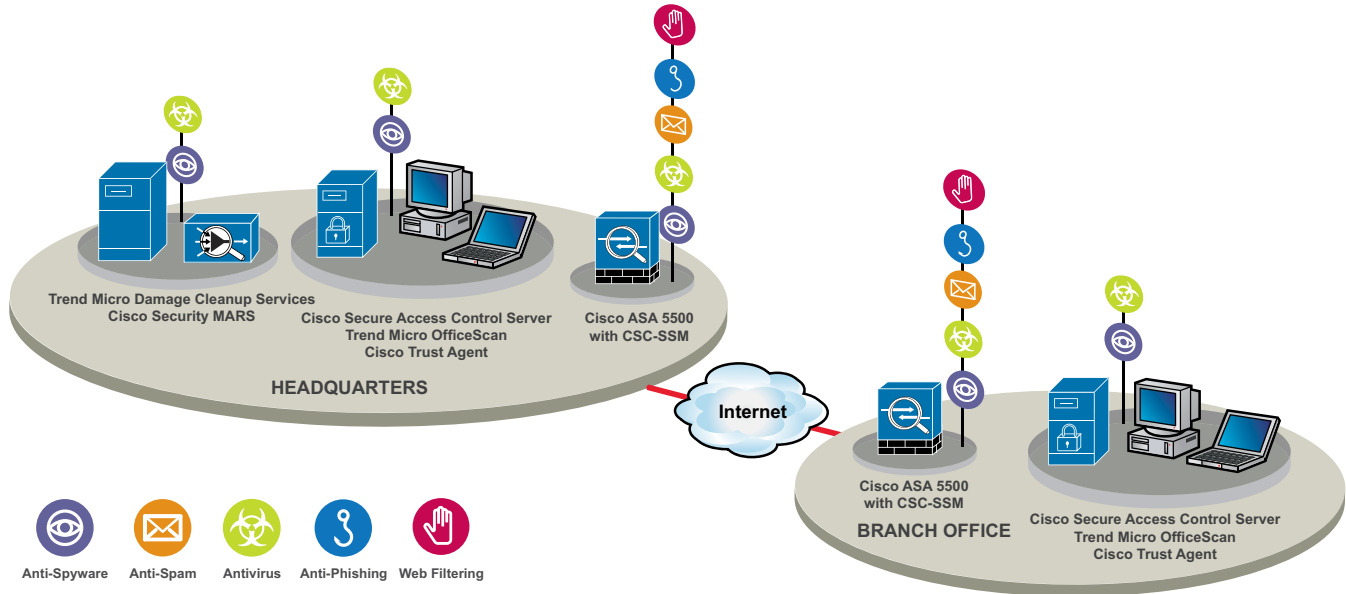
With growing numbers of mobile users, outsource workers, and remote offices, end users are at greater risk of spreading infections across multiple networks or introducing malware that opens a backdoor. Often the cause is a noncompliant device, for example, a laptop without the latest security patches. Enforcing security policies throughout your network—and denying access to noncompliant devices—is critical to preventing loss of confidential information and network downtime.

Trend Micro and Cisco co-sponsored the Cisco Network Admission Control (NAC) framework to combat the dangers posed by noncompliant endpoints. Deployed on an existing Cisco infrastructure, NAC enforces system compliance and automatically remediates noncompliant devices. Now you can restrict network access to compliant devices only, reducing the time spent fighting outbreaks and improving the availability of your global network.

Best of all, Cisco NAC support is available on Trend Micro OfficeScan™ Client Server Edition, a proven and trusted solution for endpoint security. OfficeScan integrates with the Cisco Trust Agent and Cisco Secure Access Control Server (ACS) to streamline policy compliance and automatically update non-compliant endpoints to the latest antivirus scan engine and pattern files.



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Trend Micro™ Enterprise Protection Strategy combines multiple layers of content security technologies and services to provide comprehensive, continuous protection at every network entry point. The Cisco Self-Defending Network leverages an organization's network infrastructure to protect its business processes by identifying, preventing, and adapting to threats from both internal and external sources.

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TREND MICRO AND CISCO-COMPLEMENTARY PRODUCTS				
TREND MICRO	CISCO	THREAT	PROTECTION POINT	
			ENDPOINT	GATEWAY
OfficeScan	Cisco Secure Access Control Server (ACS)	Blended Threats		
	Cisco Trust Agent	Spyware		
	Cisco Unity	Viruses	✓	
	CallManager			
ServerProtect for Windows/Netware	CallManager	Viruses	✓	
Damage Cleanup Services	Cisco Security MARS	Blended Threats		
		Spyware	✓	✓
		Viruses		
Antivirus, anti-spyware and content security technologies (embedded in Cisco ASA 5500 CSC-SSM)	Cisco ASA 5500 Series Content Security and Control Security Services Module	Blended Threats		
		Spam		
		Spyware		✓
		Phishing		
		Viruses		
		Inappropriate Content		
Internet Messaging Security Suite	Firewalls and Routers	Blended Threats		
		Spam		
		Spyware		✓
		Phishing		
		Viruses		
		Inappropriate Content		
Internet Web Security Suite	Firewalls and Routers	Blended Threats		
		Spyware		
		Phishing		✓
		Viruses		
		Inappropriate Content		
Email Reputation Services	Email Reputation Services	Spam		
		Spyware	✓	✓
		Viruses		

FOR MORE INFORMATION

To learn more about the Trend Micro-Cisco alliance or our Trend Micro-Cisco integrated offerings, visit www.trendmicro.com/cisco

CISCO SYSTEMS INCORPORATED
CORPORATE HEADQUARTERS
170 West Tasman Drive
San Jose, CA, 95134, USA
toll free: +1-800-553-NETS (6387)
phone: +1-408-526-4000
fax: +1-408-526-4100
www.cisco.com

TREND MICRO INCORPORATED
AMERICAS HEADQUARTERS
10101 N. De Anza Blvd.
Cupertino, CA, 95014, USA
toll free: +1-800-228-5651
phone: +1-408-257-1500
fax: +1-408-257-2003
www.trendmicro.com



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