



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

Datasheet

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 multilayered, 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 maximize the solution value for customers by ensuring 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 security 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

TREND MICRO AND CISCO Integrated Content and Network Security Solutions

Gateway Content Security

Threatened by automated attacks and blended threats that use multiple tactics to infiltrate network clients, 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 built-in and “in the cloud” content security technologies with Cisco's leading firewall technology and VPN services to deliver secure network access.



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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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 to disrupt operations. With CSC-SSM, you can mitigate risks to productivity, protect your intellectual property, and improve operational efficiency.

Trend Micro's in-the-cloud services for the CSC-SSM include Email Reputation Services, which blocks spam and inappropriate content—before it enters the network.

Network-Directed Malware Remediation

As threats evolve, so must network security. To help deal with attacks, Trend Micro has integrated Damage Cleanup Services with Cisco Security Monitoring, Analysis and Response System (MARS). This solution leverages the network infrastructure to respond to attacks. This approach is the natural evolution of Trend Micro's and Cisco's long-term collaboration on intrusion prevention and outbreak management.

Cisco Security 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.

Internet Content Filtering on Cisco Routers

As users access the Internet, they may be exposed to malicious sites, leading to loss of confidential data, reputation, and revenue. Employee web browsing can also impact productivity, when users visit inappropriate, and non-work related web sites. To protect organizations from known and new Internet threats, improve user productivity, and enforce business policies, Trend Micro and Cisco created Cisco IOS™ Content Filtering, for Cisco IOS.

Cisco IOS Content Filtering supports Cisco 800, 1800, 2800, and 3800 Series Integrated Services Routers. Leveraging Trend Micro's global threat database via native support on Cisco's Integrated Services Router platform, this in-the-cloud service provides a single integrated web security solution, without requiring your organization to deploy additional web filtering hardware, thus reducing the costs and complexity in your networks.

Anti-Spam and Web Threat Protection for Linksys Small Business Routers

To address the productivity concerns of small business customers, Linksys has integrated Trend Micro™ ProtectLink™ Gateway into its small business routers. The Trend Micro solution is a hosted security service that stops spam and prevents unwanted content from passing through the Linksys routers. ProtectLink Gateway is an add-on option for Linksys Business Series Routers and does not need any additional software or hardware. It can be deployed on new or existing Linksys small business routers (RV042, RVS4000, WRVS4400N, RV082, RV016).

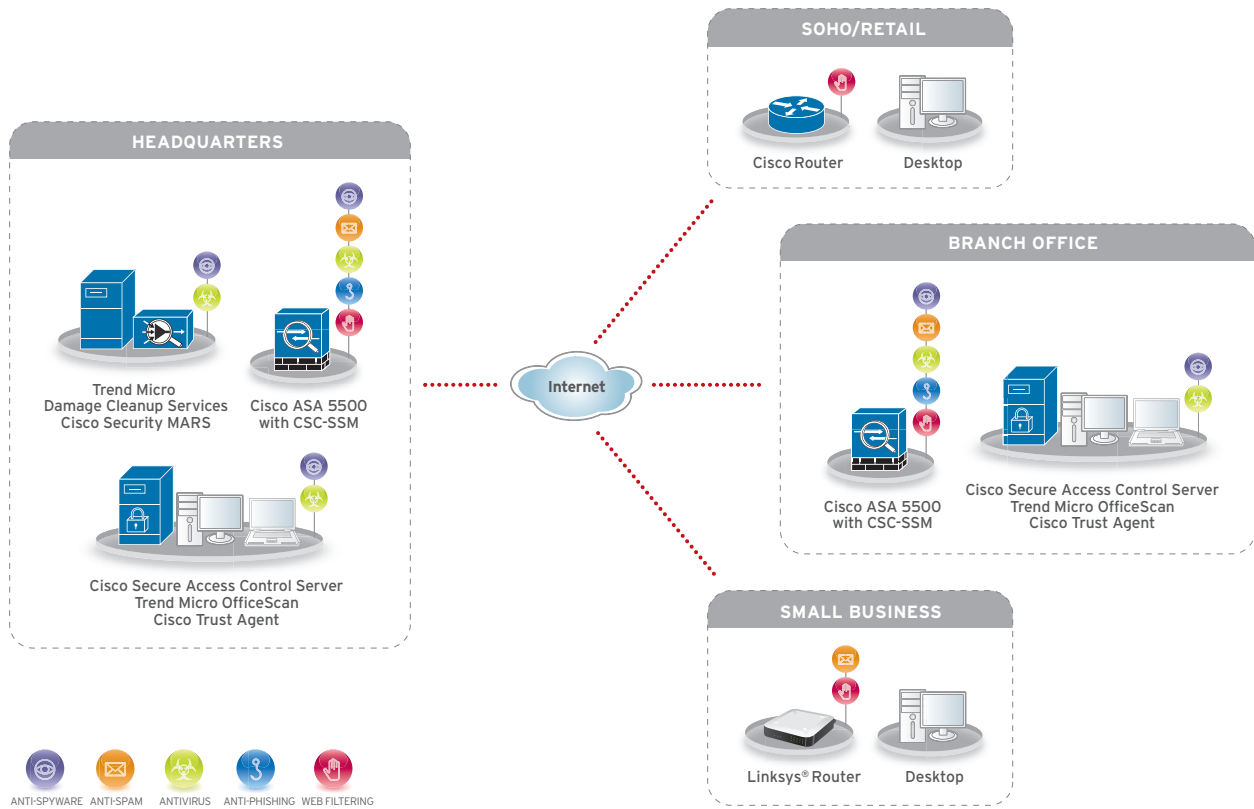
NAC: Endpoint Policy Enforcement

With growing numbers of mobile users 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™ 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	CISCO	THREAT	PROTECTION POINT	
			Endpoint	Gateway
<ul style="list-style-type: none"> OfficeScan 	<ul style="list-style-type: none"> Cisco Secure Access Control Server (ACS) Cisco Truse Agent Cisco Unity CallManager 	<ul style="list-style-type: none"> Blended Threats Spyware Viruses 	✓	
<ul style="list-style-type: none"> ServerProtect for Windows/Netware 	<ul style="list-style-type: none"> CallManager 	<ul style="list-style-type: none"> Viruses 	✓	
<ul style="list-style-type: none"> Damage Cleanup Services 	<ul style="list-style-type: none"> Cisco Security MARS 	<ul style="list-style-type: none"> Blended Threats Spyware Viruses 	✓	✓
<ul style="list-style-type: none"> Antivirus, antispymware and content security technologies (embedded in Cisco ASA 5500 CSC-SSM) 	<ul style="list-style-type: none"> Cisco ASA 5500 Series Content Security Control Services Module 	<ul style="list-style-type: none"> Blended Threats Spam Spyware Phishing Viruses Inappropriate Content 		✓
<ul style="list-style-type: none"> InterScan Messaging Security Suite 	<ul style="list-style-type: none"> Firewalls and Routers 	<ul style="list-style-type: none"> Blended Threats Spam Spyware Phishing Viruses 		✓
<ul style="list-style-type: none"> InterScan Web Security Suite 	<ul style="list-style-type: none"> Firewalls and Routers 	<ul style="list-style-type: none"> Blended Threats Spyware Phishing Viruses Inappropriate Content 		✓
<ul style="list-style-type: none"> Email Reputation Services 	<ul style="list-style-type: none"> Email Reputation Services 	<ul style="list-style-type: none"> Spam Spyware Viruses 	✓	✓
<ul style="list-style-type: none"> URL Filtering 	<ul style="list-style-type: none"> Cisco Integrated Services Routers 	<ul style="list-style-type: none"> Malicious and Inappropriate web sites 		✓

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