



Technology & Platform Partners

InterScan™ Web Security Suite for Crossbeam Systems



Crossbeam Systems and Trend Micro have teamed up to deliver the next-generation content gateway, providing the most resilient and scalable web security solution for large enterprises. Trend Micro InterScan™ Web Security Suite keeps web threats and other malicious content out of your network, and ensures employees can safely and productively use the Internet. Powered by the Trend Micro Smart Protection Network, this multi-layered, multi-threat solution provides immediate and automatic protection against web threats before they endanger a network or PC.

InterScan Web Security Suite is optimized to run seamlessly on Crossbeam Systems™ X-Series chassis providing high availability and superior unified threat management. Crossbeam enables enterprises to consolidate enterprise-wide security, improving manageability and performance while reducing costs. Scalable Crossbeam solutions feature full redundancy, carrier-class availability of application services, and dynamic load balancing to ensure higher performance.

BLOCKS ACCESS TO RISKY INTERNET CONTENT BEFORE THE GATEWAY

Trend Micro Smart Protection Network is a next-generation in-the-cloud content security infrastructure consisting of continuously updated and correlated threat databases. By assessing the trustworthiness of websites before users access them, threats can be blocked as they emerge—in the Internet. This reduces the reliance on conventional pattern file downloads, eliminates delays in protection, and ultimately improves performance and network bandwidth.

BLOCKS WEB-BASED VIRUSES AND SPYWARE

Trend Micro's award-winning antivirus technology scans HTTP and FTP traffic to block hidden malware and provides feedback to the Smart Protection Network about new malicious websites. Improved anti-spyware technology detects and blocks spyware downloads and "phone home" attempts, and automatically notifies Trend Micro remediation services. Applet and ActiveX security blocks drive-by downloads by checking Java code and validating signatures and certificates.

PROTECTS AGAINST UNINTENTIONAL DISCLOSURE AND UNWANTED IM TRAFFIC

Guards against deceptive phishing-related attacks and blocks outbound data to fraudulent or compromised websites to prevent identity theft and protect confidential company information. Prevents tunneling of malicious data through selected types of instant messaging traffic.

INCLUDES URL FILTERING WITH ADVANCED VERSION

Manages employee web use and blocks unwanted content which advances productivity, mitigates legal liability, and optimizes bandwidth consumption.

KEY BENEFITS

- **Delivers industry-leading web-threat protection**
Blocks access to malicious websites and stops viruses, spyware and other web-based malware at the gateway.
- **Reduces time to create, deploy, and manage protection**
Combines in-the-cloud technologies and on-premise security to ensure automatic and immediate protection against the latest threats, with expandable, blade-based appliance platform
- **Maximizes performance**
Provides high-speed network scanning and dynamic load balancing in a scalable, highly-available platform.
- **Reduces costs and promotes compliance to green IT**
Consolidates networking, load balancing and security services to reduce datacenter footprint and lower total cost of ownership



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ABOUT CROSSBEAM SYSTEMS

Crossbeam Systems, Inc. transforms the way enterprises, service providers, and government agencies architect and deliver security services. The basis of Crossbeam's Next Generation Security Platform is a highly scalable hardware platform that facilitates the consolidation, virtualization and simplification of security services delivery, while preserving customers' choice of best-of-breed security applications. Customers choose Crossbeam to intelligently manage risk, accelerate and maintain compliance, and protect their businesses from evolving threats.

PROTECTION		Standard	Advanced
Web Reputation	Blocks access to malicious websites based on reputation before reaching gateway	✓	✓
Antivirus	Blocks malware, including zero-day attacks	✓	✓
Anti-Spyware	Detects and blocks spyware downloads	✓	✓
Java Applet and ActiveX Security	Protects against "drive-by-install" attacks by analyzing mobile code	✓	✓
URL filtering	Blocks browsing to non-company policy related sites		✓
Damage Cleanup Services Integration	Triggers automatic cleanup of spyware and malware files	✓	✓

Software

- InterScan Web Security Suite 3.1
- Crossbeam XOS 8.1

Hardware

X-Series (X45, X80 chassis):

- APM 8600
- 2 Intel Dual-Core CPUs
- 2 to 4GB RAM
- 1 or 2 80GB SATA HDD

Other Possible Requirements

- Microsoft™ Internet Explorer 6.0 or Firefox Mozilla 1.5 to access the web admin console
- Database: Postgres v7.4.13 (included), or more recent 7.4.x version (if installed separately)
- ICAP 1.0-compliant cache server:
 - Cisco™ ICAP servers: CE version 5.3 or
 - BlueCoat Systems™ SGOS v4 or
 - NetApp™ NetCache™ release 6.0.1
- Directory Server integration (optional):
 - Microsoft Active Directory 2000 and 2003
 - Linux OpenLDAP Directory 2.2.16
 - Sun™ Java System Directory Server 5.2 (formerly Sun ONE Directory Server)

* Go to www.trendmicro.com to view system requirements for optional products and services

COMPLEMENTARY PRODUCTS

- **Centralized Management**
 - Trend Micro Control Manager™
- **Messaging Security Products**
 - InterScan™ Messaging Security Suite on Crossbeam
- **Mail Server Security Products**
 - ScanMail™ for Microsoft™ Exchange
 - ScanMail™ for Lotus™ Domino™
- **Automated Malware Remediation**
 - Trend Micro™ Damage Cleanup Services

TREND MICRO™ ENTERPRISE SECURITY

Powered by our unique Smart Protection Network—Trend Micro Enterprise Security minimizes the time to protect your organization from content security risks, delivering better protection with less complexity.

“ InterScan Web Security Suite on a fully populated Crossbeam X80 platform... returned performance of over 2.4 Gbps scanning HTTP traffic for viruses and spyware. This high level of performance demonstrates that the combination of Trend Micro InterScan Web Security Suite and Crossbeam Systems X80 platform is capable of ensuring web security for data centers, carriers, and the world's largest enterprises. ”

Opus One Performance Report
April 2008

TREND MICRO™

Trend Micro Incorporated is a pioneer in secure content and threat management. Founded in 1988, Trend Micro provides individuals and organizations of all sizes with award-winning security software, hardware and services. With headquarters in Tokyo and operations in more than 30 countries, Trend Micro solutions are sold through corporate and value-added resellers and service providers worldwide. For additional information and evaluation copies of Trend Micro products and services, visit our Web site at www.trendmicro.com

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