



WebSense Enterprise® Cisco® Integrations

WebSense Enterprise®, the world's leading Employee Internet Management (EIM) solution, defends organizations and employees using the Internet against new and emerging threats such as spyware and malicious mobile code (MMC). WebSense Enterprise enhances security, improves employee productivity, reduces legal liability, and optimizes the use of IT resources. WebSense Enterprise integrates seamlessly with the leading network infrastructure products and offers unequaled flexibility and control.

GROWING RISKS AND PRODUCTIVITY CHALLENGES

Every organization with a connection to the Internet has faced the problem of users accessing inappropriate material on the web. To that problem have been added those of harmful applications downloaded from websites, spyware, the use of instant messaging (IM) and peer-to-peer (P2P) applications, and more. The result has been a dramatic increase in the costs and risks of maintaining an unmonitored network.

WebSense Enterprise integrated with Cisco network and security solutions

WebSense has teamed up with Cisco to integrate WebSense Enterprise with a diverse set of security solutions including Cisco PIX® Firewalls, Content Engines, IOS® Routers and Catalyst® Switches. WebSense Enterprise integrated with Cisco network and security solutions allows organizations to analyze, manage, and report on network and employee access to the Internet and to improve network security by managing employee access to network applications and protocols such as spyware, P2P networks, IM, and streaming media. The combined WebSense and Cisco solution significantly reduces security risks and legal liability while improving employee productivity and conserving network bandwidth.

WebSense Enterprise Capabilities

WebSense Enterprise is the leading Employee Internet Management (EIM) solution, combining powerful flexibility with rich functionality:

- Provides comprehensive and accurate Internet filtering supported by a database of URLs that is updated daily.
- Improves network security by managing employee access to network applications and protocols such as P2P networks, IM and streaming media.
- Balances work-related and personal surfing by enabling IT administrators to easily set custom policies to manage employee use of the Internet and network applications use.



Customize policies for different users and groups with WebSense Manager.

WebSense Enterprise advantages

Largest, most accurate filtering database

Industry-leading analysis and reporting tools

- WebSense Enterprise Explorer - Provides quick and easy access to employee activity statistics
- WebSense Enterprise Real-time Analyzer™ - Analyzes current and recent network traffic
- WebSense Enterprise Reporter - Offers over 80 predefined report templates

Enhanced Internet filtering options

- WebSense Enterprise Security PG™ - Strengthens security by blocking access to phishing, spyware sites, and websites infected with malicious mobile code.
- WebSense Enterprise Productivity PG™ - Increases employee productivity by controlling access to many of the most popular cyberslacking categories.
- WebSense Enterprise Bandwidth PG™ - Improves network performance by managing access to bandwidth-intensive sites.

Network management and bandwidth optimization

- WebSense Enterprise Bandwidth Optimizer™ - Improves bandwidth utilization and network performance.
- WebSense Enterprise IM Attachment Manager™ - Minimizes security threats due to viruses and worms by blocking IM file attachments.

CISCO SYSTEMS



Technology
Developer
Partner



Optimized filtering using the most comprehensive and accurate database

The Websense Master Database is the largest, most accurate filtering database which contains more than 10 million sites, classified into more than 90 categories, including adult content, gambling, hacking, gaming sites and more.

Websense Enterprise URL categories:

Abortion

- Pro-Choice
- Pro-Life

Adult Material

- Adult Content
- Lingerie and Swimsuit
- Nudity
- Sex
- Sex Education

Advocacy Groups

Business and Economy

- Financial Data and Services

Drugs

- Abused Drugs
- Marijuana
- Prescribed Medications
- Supplements and Unregulated Compounds

Education

- Cultural Institutions
- Educational Institutions
- Educational Materials
- Reference Materials

Entertainment

- MP3

Gambling

Games

Government

- Military
- Political Organizations

Health

Illegal or Questionable

Information Technology

- Computer Security
- Hacking
- Proxy Avoidance
- Search Engines and Portals
- URL Translation Sites
- Web Hosting

Internet Communication

- Web Chat
- Web-based Email

Job Search

Militancy and Extremist

Miscellaneous

- Content Delivery Networks
- Dynamic Content
- File Download Servers
- Image Servers
- Images (Media)
- Network Errors
- Private IP Addresses
- Uncategorized

News and Media

- Alternative Journals

Racism and Hate

Religion

- Non-Traditional Religions and Occult and Folklore
- Traditional Religions

Shopping

- Internet Auctions
- Real Estate

Social Organizations

- Professional and Worker Organizations
- Service and Philanthropic Organizations
- Social and Affiliation Organizations

Society and Lifestyle

- Alcohol and Tobacco
- Gay or Lesbian or Bisexual Interest
- Hobbies
- Personal Web Sites
- Personals and Dating
- Restaurants and Dining

Special Events

Sports

- Sport Hunting and Gun Clubs

Tasteless

Travel

Vehicles

Violence

Weapons

- Minimizes administrative overhead with easy-to-use centralized management of employee computing policies using a central management console.
- Detects productivity losses and security risks arising from employee Internet and application use and proactively responds to these problems with updated policy enforcement.
- Provides report templates, block pages, and webpage category names in ten languages: Chinese (simplified and traditional), English, French, German, Italian, Japanese, Korean, Portuguese and Spanish.

DEPLOYING WEBSense ACROSS CISCO NETWORK AND SECURITY SOLUTIONS

Websense Enterprise is the only filtering solution fully integrated on all major Cisco network and security solutions including PIX Firewalls, Content Engines, IOS Routers and Catalyst Switches. These integrations provide customers with the flexibility to deploy Websense Enterprise at any point in their network by adapting to their network and security architecture. The breadth and depth of deployment options ensures ease of installation and maintenance while maximizing scalability, performance and feature support. Websense Enterprise integrated with Cisco network and security solutions can be deployed in two ways, depending upon network requirements: in an integrated or embedded configuration.

Integrated deployment

Websense Enterprise integrated with Cisco network and security solutions enables seamless deployment of filtering functionality with a customer's existing network infrastructure. The combined solution delivers "pass-through" filtering by leveraging the packet-capturing capabilities of Cisco solutions. Integrated deployment offers the following key benefits to customers:

- Maximum scalability - Websense Enterprise leverages the packet-capturing capabilities of Cisco's network and security solutions by allowing organizations to scale reliably as network loads and transaction volume increases.
- Superior stability - Integrated deployment eliminates the possibility of a single point of failure, as network and gateway resources can function independently.

When employees access the Internet, the Cisco gateway (e.g. PIX firewall, Content Engine, Catalyst Switch, IOS Router) redirects the request to the Websense Enterprise server. Websense Enterprise then enforces the organization's Internet policy by verifying that the employee is allowed to download content from the requested URL. If blocked, the employee will be redirected to a customized block page.

Embedded deployment

Websense Enterprise embedded with Cisco network and security solutions enable an on-box integration with an appliance or gateway product.

Currently, Websense Enterprise is embedded with Cisco Content Engine. Embedded deployment offers the following key benefits:

- **Lower hardware expense** - Websense Enterprise embedded in Cisco Content Engine decreases the total cost of ownership of the Internet filtering solution by reducing the number of separate hardware components. In addition, installation is easier and maintenance and management expenses are lower.
- **Decreased network latency** - Websense Enterprise embedded with Cisco Content Engine minimizes network latency and provides improved filtering performance by combining multiple functions onto one platform.

When employees access the Internet, the Cisco Content Engine redirects the request to the Websense Enterprise software embedded in Cisco's ACNS platform. Websense Enterprise then enforces the enterprise's Internet policy by verifying that the employee is allowed to download content from the requested URL. If blocked, the employee will be redirected to a customized block page.

SYSTEM REQUIREMENTS

Websense Enterprise system requirements

Hardware:

- Intel® Pentium® III Processor™ or Sun Ultra™ 10 processor or greater with at least 512MB RAM. Hardware requirements will vary by configuration. Please see deployment guide for additional information.

Supported Operating Systems:

- Microsoft® Windows® 2003 Server, Windows 2000 Server (SP3 or greater)
- Red Hat Linux™ 9 or Red Hat Enterprise Linux™ 3
- Sun Solaris™ 8-9

Cisco System Requirements

Cisco Adaptive Security Appliances:

- All 5500 Series Appliances

Cisco PIX Firewall:

- Cisco PIX Firewall 500 series with 16 MB RAM, 2 MB Flash
- PIX firmware 4.4 or greater

Cisco IOS Routers:

- Cisco Router Series 800 through 7400 running IOS v12.3 or greater with firewall feature set

Cisco Catalyst 6500:

- Cisco Catalyst 6500 family switch running Firewall Services Module

Cisco Content Engine (Integrated):

- Cisco Cache Software version 2.1 and later 2.x releases, or
- Cisco ACNS v4.1 and later
- 500 and 7300 series appliances and all CE Network Modules

Cisco Content Engine (Embedded)

- Cisco ACNS 5.0.3 or later
- 500 and 7300 series appliances and all CE Network Modules

To learn more about Websense integrations with Cisco network and security solutions including PIX Firewalls, Content Engines, Routers and Switches please visit: www.websense.com/cisco

To learn more about Cisco network and security solutions please visit: www.cisco.com

Desktop, Laptop, and Servers



HTTP/S, FTP Traffic, P2P, IM &

Other Network Traffic

Websense Enterprise Embedded in Cisco Content Engine



Internet



Download a free, fully-functional 30-day evaluation at www.websense.com/downloads today!

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