

## WEBSense CONTENT GATEWAY



The Websense Content Gateway™ is a central gateway for controlling web content. The Websense Content Gateway integrates with Websense Enterprise® and Websense® Web Security Suite™ providing you with a new, low cost deployment option. This combined solution allows you to centrally secure your organization from unauthorized and malicious web content, while simultaneously increasing network performance and manageability.

### Robust Web Proxy and Cache Platform

#### High Performance

- Accelerated response times for the most popular content via RAM caching and content pre-population.
- Maximized storage and retrieval efficiency due to a web object-optimized raw disk cache
- Simultaneous network service and data store using the streamlined DataFlow architecture
- Fast, asynchronous DNS resolver streamlines the conversion of host names to IP addresses

#### Reliable

- Requests are not lost in the event of a hardware failure due to automatic virtual IP failover
- Automatically senses and compensates if a hardware failure occurs using self-monitoring clustered or hierarchal cache deployments
- Proxy-only failover if caching is disrupted by disk failure
- Protection from traffic spikes and denial-of-service attacks by means of system overload detection and throttling
- Graceful pass-through proxying under extreme load conditions by means of load shedding
- Maintenance-free cache restarting after network shutdowns due to automatic fast-system restarts

#### Scalable

- Increased network performance and reliability by managing cache clusters
- Increased network efficiency by deploying cache hierarchies
- Advanced transparent proxy deployments include Layer 4 switches, Web Cache Control Protocol (WCCP), and policy-based routing

### Easy Administration and Control

#### Configuration

- Ensures seamless web security integration and total solution compatibility within any environment
- Management clustering for sharing of configuration information

*Websense Content Gateway integrates with Websense solutions and patent-pending Websense ThreatSeeker™ technology to provide pre-emptive protection from web-based security threats for organizations of all sizes.*

## Management

- Centralized web-based proxy and cache configuration
- Unique access privileges for multiple administrators
- Customizable SNMP messages allow integration partners to monitor proxy-related alerts alongside Websense alerts
- Email alerts for any detected failure condition
- Secured command-line interface

## Reporting

- Extensive real-time Java™-based charting and analysis modules complement Websense Reporting Tools
- Multi-Router Traffic Grapher (MRTG) for quick and easy analysis of historical cache trends and system usage
- Multiple standard and user-specified logging formats
- Log collation for one centralized log server and log splitting by hostname or protocol

## Extensive Protocol Support

### Pass-through Data Transport (via Websense Content Gateway)

- HTTP proxy and cache
- FTP proxy and cache
- SOCKS firewall integration

### Pass-by Data Transport (via Websense Network Agent)

- Identify and block over 80 protocols, hundreds of clients and malicious network traffic via protocol signatures
- Point-and-click management and maintenance-free dynamic updates
- Instant Messaging (IM) category includes AOL®, MSN®, Yahoo!® and another 15+ protocols
- Peer-to-Peer (P2P) category includes BitTorrent™, eDonkey, Gnutella, Skype™ and another 10+ protocols
- Streaming Media category includes Quicktime®, RealPlayer®, Windows Media® and another 5+ protocols
- Malicious Traffic, Proxy Avoidance, and IM Attachment categories control [potentially] malicious content

### Network Management

- SNMP alerting for Security Event Management (SEM)
- ICP for cache coordination provides compatibility with existing network caches
- WCCP for transparent caching with WCCP-enabled routers

### Secure Web Proxy and Cache

- Access control lists define which hosts by IP address can access the management console
- SSL protection with HTTPS tunneling for remote administration and control

## Advanced System Features

### Granular HTTP Cache Control

- Content fingerprinting eliminates duplication of content in the cache and maximizes storage efficiency
- Document cacheable control via dynamic and static bypass rules
- Freshness checking—the expired content is ignored
- Support for content freshness commands including "never-cache," "pin-in-cache," and "revalidate-after"
- Support for host and domain name expansion allows clients to use abbreviations for proxied content

### Cache Partitioning

- Guarantee caching space by protocol or domain type

### DNS Proxy Cache

- Offload remote DNS servers
- Reduces response time for DNS lookups

### User Authentication

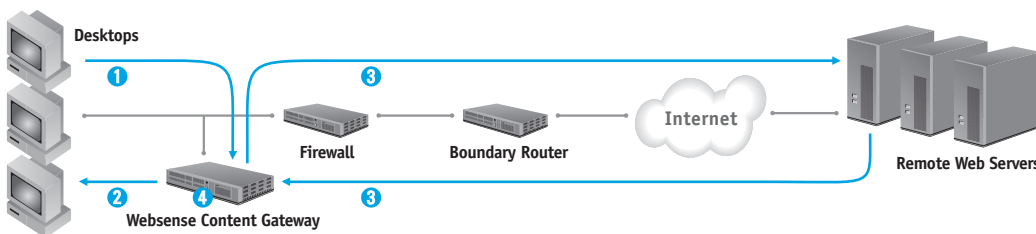
#### (via Websense Content Gateway)

- User Directories:
  - LDAP-based (Active Directory®, Novell® eDirectory™ or Sun Java™ Systems Directory Server)
  - Microsoft Windows® NT LAN Manager (NTLM)
  - RADIUS server
- Alternatively, supports user identification-only

### User Identification

#### (via Websense Enterprise or Websense Web Security Suite)

- User Directories:
  - Active Directory, Novell eDirectory or Sun Java Systems Directory Server
  - Microsoft Windows NT LAN Manager (NTLM)
  - RADIUS server
- Gateway integrations (Microsoft® ISA Server, Citrix®)
- Websense Logon Agent



Websense Content Gateway as an HTTP forward proxy cache to improve network efficiency for authorized web content.

1. User requests for web content go to the Websense Content Gateway on the way to the remote web server.
2. If the Websense Content Gateway contains the requested content, it serves the content directly.
3. If the Websense Content Gateway does not have the content, it acts as a proxy and gets the content from the origin server on the user's behalf, while keeping a copy to satisfy future content requests.
4. Websense Content Gateway's cache indexes static web content according to URLs and associated headers.

### Websense, Inc.

San Diego, CA USA  
tel 800 723 1166  
tel 858 320 8000  
www.websense.com

Australia  
websense.com.au

Brazil  
portuguese.websense.com

Colombia  
websense.com.es

France  
websense.fr

Germany  
websense.de

Hong Kong  
websense.cn

India  
websense.com

Ireland  
websense.ie

### Websense UK Ltd.

Chertsey, Surrey UK  
tel +44 (0)1932 796300  
fax +44 (0)1932 796601  
www.websense.co.uk

Italy  
websense.it

Japan  
websense.jp

Mexico  
websense.com.es

PRC  
prc.websense.com

Spain  
websense.com.es

Sweden  
websense.com

Taiwan  
websense.cn

Learn more about Websense Content Gateway and receive pricing information today at [www.websense.com/contentgateway](http://www.websense.com/contentgateway)

