SurfControl®

The World's #1 Web & E-mail Filtering Company

SurfControl is the world's leading Web and e-mail filtering company. SurfControl Web Filter offers the most flexible and powerful software for managing corporate Internet access and limiting content risks.

Overview

Situation
Businesses face risks from trusted employees who, inadvertently or on purpose, send or receive inappropriate content over the Internet.

Solution
The SurfControl web filtering technology and global URL category database, coupled with Juniper Networks industry leading firewall/VPN devices, effectively eases the challenge of managing Internet usage in the workplace.

Customer Value
The combination of SurfControl Web Filter and the Juniper Networks integrated firewall/VPN appliances offer customers optimal filtering functionality and performance.

Situation
All Internet content that is read, sent, or received carries inherent risks. Employee access to the Internet continues to introduce new dangers and content that can negatively impact your company in four fundamental ways:

Security Threats: Viruses, spyware and other malware can all enter your network through web-based e-mail, file downloads, Instant Messaging, P2P applications and other non-work related sites.

Legal Threats: Inappropriate content can lead to gender, minority or religious harassment and discrimination. Illegal downloading and distribution of copyrighted or illegal material over your network also has legal liability issues as well.

Productivity Threats: The temptations of non-work related Web destinations are endless. Just 20 minutes of recreational surfing a day can cost a company with 500 employees over $8,000 per week. (at $50/hour/employee).

Network Threats: An employee can crash a network just by logging into the wrong website. Other activity like recreational surfing and downloading MP3 files can divert valuable bandwidth from critical business needs.

Solution
The combination of SurfControl Web Filter and the Juniper Networks Firewall/VPN appliance platform is an ideal solution to protect against both internal and external risks. It is also offers the best of breed in multi-layered security.

SurfControl Web Filter includes an industry-leading URL category database with more than 6.3 million sites organized into 40 easy-to-manage categories. An available Virtual Control Agent employs neural network technology to block access to questionable sites not yet classified. SurfControl Web Filter also provides robust policy management capabilities that allow an organization very flexible control over setting and enforcing their corporate acceptable usage policy. With more than 55 standard reports, and an unlimited number of custom reports, SurfControl gives customers the information they need to make the content risk decisions that are important to their business.

SurfControl and Juniper Networks have worked closely to deliver two web filtering offerings, integrated and redirect, to assure optimal filtering functionality and performance based on their customer's needs and network topology.

Integrated Web Filtering
Juniper Networks has integrated SurfControl Web Filtering into their firewall/IPSec VPN appliances. With Juniper Networks integrated web filtering, organizations can optimize productivity and bandwidth utilization, while reducing legal liabilities associated with users visiting inappropriate Web sites, by controlling non-business-related Web surfing. Through integrated Web filtering, Juniper Networks provides the ability to implement policies that prohibit access at the firewall based on URL, type of content and/or user groups. Customers can apply policies using pre-defined or customized URL listings. Integrated Web Filtering is offered on Juniper Networks NetScreen-HSC, -5GT, -25, and -50 security appliances, providing a deep level of protection, a centrally managed interface, ease of deployment and low TCO. Juniper Networks integrated web filtering is an ideal solution for distributed networks with remote branch offices or for managed service providers seeking to add additional, differentiating services.

Redirect Web Filtering
As an alternative to integrated web filtering, Juniper Networks has added the ability to redirect web traffic to a SurfControl server to provide customers with the best of both worlds. The redirect offering allows Juniper Networks users to implement SurfControl's full-featured offering to control web access privileges, generate detailed usage reports, while still leveraging all the firewall/VPN features of the Juniper Networks devices. In addition, by fully utilizing the SurfControl redirect offering, customers can also take advantage of SurfControl's unique Virtual Control Agent to dynamically categorize new content.
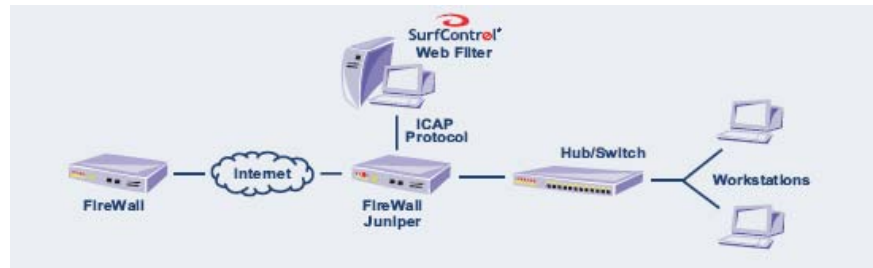
Integrated Web Filtering Configuration

1. Client makes initial connection to web server
2. Client makes HTTP URL request
3. NetScreen device (HSC, NS-5GT, 25, or 50) intercepts URL request and sends to SurfControl server (hosted by SurfControl partner)
4. SurfControl partner hosted server responds with category for URL, such as "Weapons" or "Sports"
5. NetScreen device matches category to policy and either allows, denies, or redirects to internal web page allowing defer/continue option
6. If allowed, HTTP request allowed through

Redirect Web Filtering Configuration

1. Client makes initial connection to web server
2. Client makes HTTP URL request
3. NetScreen devices intercept URL request and sends to URL filtering server (hosted at customer premise)
4. Web filtering server responds with policy decision for URL, such as "Weapons" or "Sports" allows, denies, or redirects to internal web page
5. If allowed, HTTP request allowed through

Key Features/Benefits

- *Flexible policy administration*
- *Robust reporting*
- *Leading content understanding*
- *Scalable for the enterprise*
- *Security for both internal and external threats*

Contact SurfControl
www.surfcontrol.com
800-368-3366

www.juniper.net