SonicWALL

Content Filtering Service

SonicWALL
Content Filtering Service

▷ **SonicWALL CFS Standard**

▷ **SonicWALL CFS Premium Business Edition**

▷ **SonicWALL CFS Premium Gov/Ed Edition**

SonicWALL Content Filtering Service (CFS) provides unequalled protection and productivity policy enforcement for businesses, schools, libraries and government agencies. SonicWALL has created a revolutionary content filtering architecture, utilizing a scalable, dynamic database to block objectionable and unproductive Web content.

Businesses, educational institutions and government agencies assume substantial risks and costs when they provide Internet access, particularly when those connections are used to access sites containing information or images that are inappropriate, illegal or dangerous. Unrestricted Web access can result in excessive non-productive Web surfing, creating tremendous losses in productivity. Schools, in particular, have a responsibility to protect students from inappropriate and harmful Web content. In addition, both schools and libraries that receive eRate funding are required by law to install a content filtering solution in compliance with the Children's Internet Protection Act (CIPA).

SonicWALL Content Filtering Service provides the ideal combination of control and flexibility to ensure the highest levels of protection and productivity. SonicWALL CFS prevents individual users from accessing inappropriate content while reducing organizational liability and increasing productivity. Advanced flexibility features are available in SonicWALL CFS Premium, which allows administrators to enforce custom policies for different user groups on the network.

By allowing enforcement of User Level Authentication (ULA), SonicWALL CFS requires individuals to log on to the network with their username and password. Administrators are given complete control over who may or may not access the Internet, further enhancing control, protection and productivity.

This innovative solution utilizes a comprehensive URL database to instantly sort questionable or inappropriate sites into as many as 50+ categories. The network administrator applies policies to each category, enforcing the desired levels of access for groups and individuals. Approval or denial of access can be made by category, individual, or time of day. This flexibility allows businesses, schools and libraries to easily maximize productivity while protecting users and the organization against objectionable content.

When a network user requests a URL or Web site, SonicWALL CFS captures that destination and checks it against its immense database. If the user does not have permission to access this type of material, denial is enforced. The entire process, from request to denial or permission, takes only a fraction of a second.

Driven by a powerful new rating and caching architecture, SonicWALL CFS is an enterprise-grade service that rates and filters millions of URLs, IP addresses and Web sites. Ratings for acceptable Web sites are cached within the SonicWALL appliances for instantaneous access.

Administered through an intuitive interface, SonicWALL CFS enables filtering and control to take place directly over a LAN, wireless LAN or VPN. The innovative rating and caching architecture and remarkable speed of SonicWALL CFS combined with the power and scalability of SonicWALL appliances delivers an integrated, easy-to-use, manageable solution for networks of any size.
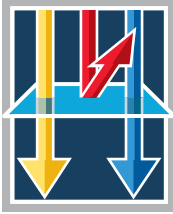
"Employee access to inappropriate Web sites and the drain of employee time and corporate resources wrought by excessive personal use of Web and e-mail will continue to be concerns that corporations must manage."

Program Vice President, **CHRIS CHRISTIANSEN** and Research Manager **BRIAN BURKE**, IDC, 2002

▷ *Powerful rating and caching architecture maximizes site detection, protection and response time*

▷ *Comprehensive, enterprise-class database of more than four million Web sites updated daily*

▷ *Flexibility to filter by category, individual or time of day as well as enforcing group filtering policies*

*SonicWALL Content Filtering Service provides businesses and schools with greater control to block inappropriate and objectionable Web content. Go to **www.sonicwall.com**, or call **+1 408-745-9600** for details on our other security products and services.*

SONICWALL

SONICWALL CONTENT FILTERING SERVICE (CFS) FEATURES AND BENEFITS

Appliance-based, Scalable Content Filtering Solution. SonicWALL CFS is an enterprise-class, scalable content filtering service that requires no additional hardware or deployment expenditures.

Web Site Rating and Caching. The innovative SonicWALL CFS architecture catches URL ratings locally on the SonicWALL appliance. These Web site ratings are stored for all future users that attempt to visit the URLS, making response time to frequently visited sites virutally instantaneous. SonicWALL CFS Premium Editions dynamically rate pages not in the database and automatically populate the database for future access.

Comprehensive Database. SonicWALL CFS reduces costs and extends protection by combining a comprehensive, continuously updated database featuring millions of URLs, IP addresses and domains with a unique caching system that reduces latency to a fraction of a second.

Group Policies. SonicWALL CFS Premium Editions give administrators the flexibility to enforce custom policies for groups of users on the network. Multiple policies can be created that filter by category type and by time of day.

Local URL Filtering Control. SonicWALL CFS provides local filtering control, allowing network administrators to specify domains or hosts to be allowed ("Trusted") or denied ("Forbidden"). This capability can be used to customize the Content Filter Database, or to allow access to sites in a custom database, making the system even more effective at blocking objectionable material.

Java™, ActiveX® and Cookie Blocking. The ability of SonicWALL CFS to block most automatically downloaded files increases security beyond the capabilities of most firewalls. Java and ActiveX are often used for hacker attacks. Cookies create privacy concerns, because they direct a remote Web browser to save small amounts of data on the local disk, and can be used to store preference information and track Web usage history.

Block by Time of Day. SonicWALL CFS allows network administrators to choose the hours when content filtering takes place. A school could, for example, filter specific content during school hours and remove that filter after school. A business could allow unfiltered Internet access to employees during lunch hours and after work hours.

User Level Authentication (ULA). SonicWALL CFS provides network administrators with a greater level of control over who may or may not access the Internet by enforcing ULA, which requires users to log on to the corporate network with a username and password.

Web-based Management Interface. SonicWALL CFS provides an easy-to-use Web-based management interface for simple policy configuration and complete control over Internet usage.
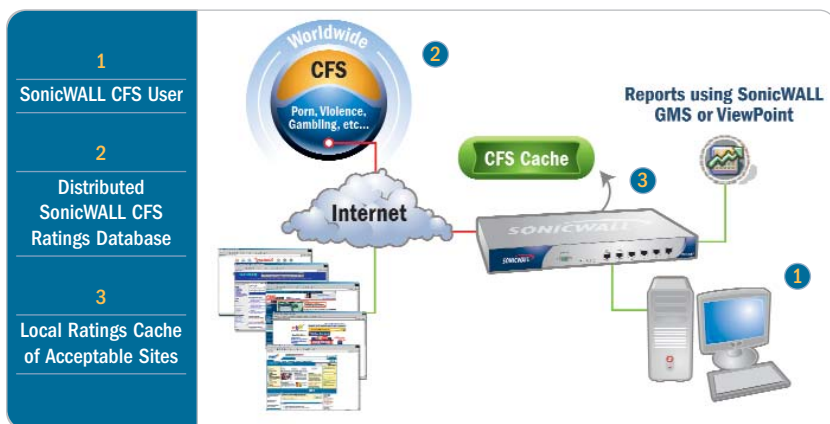
Integrated Management and Reporting. SonicWALL CFS can forward data directly into SonicWALL's award-winning Global Management System (GMS) and ViewPoint reporting package to generate detailed reports on Internet usage.

FEATURE MATRIX

	CFS STANDARD	CFS PREMIUM BUSINESS EDITION	CFS PREMIUM GOV/ED EDITION
Categories	12	56	56
User/Group Policies	NO	YES	YES
Dynamic Rating	NO	YES	YES
Reporting	ViewPoint	ViewPoint	ViewPoint*
Required OS	Firmware 6.5 or higher SonicOS Standard	SonicOS Enhanced	SonicOS Enhanced
Appliances	Gen2, Gen3, SOHO TZW, TZ 170, PRO 3060/4060	TZ 170, PRO 3060/4060	TZ 170, PRO 3060/4060

* ViewPoint included with GOV/ED Edition

SONICWALL CONTENT FILTERING SERVICE ARCHITECTURE

1 — SonicWALL CFS User

2 — Distributed SonicWALL CFS Ratings Database

3 — Local Ratings Cache of Acceptable Sites

SONICWALL CONTENT FILTERING SERVICE PART NUMBERS

01-SSC-5500	SonicWALL CFS Standard for 5 node SonicWALL Appliances	(1 Year Subscription)
01-SSC-5501	SonicWALL CFS Standard for 10 node SonicWALL Appliances	(1 Year Subscription)
01-SSC-5502	SonicWALL CFS Standard for 25 node SonicWALL Appliances	(1 Year Subscription)
01-SSC-5503	SonicWALL CFS Standard for 50 node SonicWALL Appliances	(1 Year Subscription)
01-SSC-5504	SonicWALL CFS Standard for Unlimited node SonicWALL Appliances	(1 Year Subscription)
01-SSC-5505	SonicWALL CFS Standard for SonicWALL TZ 170 Appliances	(1 Year Subscription)
01-SSC-5506	SonicWALL CFS Standard for SonicWALL PRO 3060/PRO 4060	(1 Year Subscription)
01-SSC-5650	SonicWALL CFS Premium Business Edition for SonicWALL TZ 170	(1 Year Subscription)
01-SSC-5652	SonicWALL CFS Premium Business Edition for SonicWALL PRO 3060/PRO 4060	(1 Year Subscription)
01-SSC-5660	SonicWALL CFS Premium Gov/Ed Edition for SonicWALL TZ 170	(1 Year Subscription)
01-SSC-5662	SonicWALL CFS Premium Gov/Ed Edition for SonicWALL PRO 3060/PRO 4060	(1 Year Subscription)

For more information on SonicWALL CFS and our complete line of security services, please visit our Web site at www.sonicwall.com/products/vpnsoft.html.

SonicWALL's ICSA-certified Internet security appliances consistently receive awards from industry-leading publications.

SonicWALL, Inc.

1143 Borregas Avenue   T: +1 408.745.9600   www.sonicwall.com
Sunnyvale, CA 94089-1306   F: +1 408.745.9300

SONICWALL