ContentProtect Security Appliance
Take Control of Your Internet Connection

Internet content and applications have become indispensable, mission-critical tools for nearly every organization. However, all too often crucial information and services get lost in the overwhelming volume of irrelevant and recreational Internet content. So how can you take full advantage of everything our connected world has to offer—without all the dangers, distractions and delays that come along with it?

The ContentProtect Security Appliance answers this crucial question with Secure Web Gateway appliances that make sure the Internet content and applications you depend on stay secure, fast and available. The Security Appliance provides precise, fine-grained control over the infinite variety of Internet content that enters your network, so the content you have is always the content you need. It intelligently prioritizes and manages content and bandwidth so Internet applications and hosted services always run the way they’re supposed to. Plus, the CP Security Appliance keeps your organization safe from dangerous content and constantly evolving Internet threats.

![Diagram of Internet traffic and security appliance placement](image)
Deep packet inspection and detailed reporting provide total visibility into what network users are viewing on the Internet, which applications they’re using and how Internet threats are affecting your organization. This detailed, accurate information about the Web traffic flowing through your organization allows you to place appropriate limits on users and keep your organization safe.

Precise, fine-grained application control, bandwidth management and content shaping capabilities allow you to prioritize bandwidth, control users and place limits on recreational content and applications. The result is a fast, fully-optimized Internet environment where critical online content and applications are always available—and where the content you have is always the content you need.

Proxy protection, content filtering and other advanced threat protection capabilities work together to identify and neutralize today’s most sophisticated and dangerous Internet threats providing you can provide a safe, productive environment for all users.
The ContentProtect Security Appliance brings visibility and control to an otherwise chaotic Internet environment. With the CP Security Appliance, you can see exactly how your students or employees are using the Internet. Additionally, you can carefully monitor and control the performance of critical Internet applications, set smart, policy-based limits and priorities and run detailed reports to identify and resolve problems quickly. Together these capabilities give you the power to reveal exactly how everyone in your organization is using the Internet, while providing complete control over the online content and applications your organization depends on.

APPLICATION VISIBILITY
Monitor application traffic to determine bandwidth requirements and set appropriate priorities and limits.

INTERNET USAGE VISIBILITY
Know exactly how users are using the Internet, set appropriate policies and restrictions, and automatically enforce those restrictions.

DETAILED REPORTING
Gain total visibility and enhance your ability to identify and fix problems with detailed reports on user activity, application traffic, potential Internet threats and much more.

“We now have a tool to be able to see exactly where the bandwidth is being used up, and what individual user or what workstation is at the root of the issue”

Glen Hearell
Network Analyst
North Central Texas College
You can’t afford to turn bandwidth usage into a free-for-all situation where YouTube competes with critical applications and bandwidth-hogging Internet users are allowed to monopolize your connection. The Security Appliance gives the ability to precisely define and control how much bandwidth is available for different types of content and applications. Even better, it allows you to carefully prioritize and dynamically scale bandwidth, recreational content is still available when Internet traffic is light. This intelligent, fine-grained control translates directly into better performance—without imposing crude or heavy-handed “allow or deny” restrictions.

**BANDWIDTH SHAPING AND PRIORITIZATION**
Place precise limits on the amount of bandwidth available to specific users, groups or applications.

**CONTENT SHAPING AND PRIORITIZATION**
Set limits or prioritize bandwidth based on specific URLs, domain names, content categories, MIME types and file types.

“Our purchase of ContentProtect recouped itself easily on just the increase in productivity in the use of our time. Our dealership is much more efficient, and we feel more secure.”

Joe Garcia
Controller
Weber BMW Dealership

With the Security Appliance, you can create rules that limit the amount of bandwidth available for less important content and reserve bandwidth for mission-critical applications.
It’s nearly impossible to keep up with the ever-increasing volume and sophistication of hackers, malware, and dangerous content living on the Internet. With the Security Appliance, you won’t have to thanks to its security capabilities that automatically monitor and protect your network from today’s most sophisticated Internet threats.

**CONTENT FILTERING**
Automatically detect and protect your network from dangerous information and ensure users can access the content they need through multi-layer filtering. This includes real-time dynamic URL categorization, URL database matching, URL keyword search and SafeSearch search engine enforcement.

**SECURE TRAFFIC FILTERING**
Monitor, analyze and filter HTTPS traffic to eliminate threats hidden inside encrypted content.

**ANONYMOUS PROXY PROTECTION**
Protect your organization against today’s most sophisticated threats with daily filter avoidance updates and dynamic content analysis that identifies and blocks dangerous anonymous proxies. The Security Appliance is the only solution that delivers hourly updated protection against anonymous proxies.

**INTERNET THREAT CONTROL**
Block web-based malware and viruses with advanced database matching and client spyware removal capabilities.

“It really is as easy to use as it looks. During setup, downtime was minimal and ContentProtect's group policy settings gave me all the control I needed.”

Tyler Weneck
Director of IT
Expedited Services Inc.

The Security Appliance provides some of the industry’s most advanced URL-based and dynamic deep packet content filtering capabilities.
Inside ContentProtect Security Appliance

The ContentProtect Security Appliance is a deep-packet, Layer 7 inspection appliance that scans, identifies and controls incoming and outgoing Internet traffic — and provides advanced bandwidth management, application prioritization, reporting and threat protection capabilities.

The CP Security Appliance delivers unified threat management and WAN optimization in one device, eliminating the latency and complexity caused by implementing multiple single-purpose appliances. Its revolutionary Network Analytics makes it easy to see and report on user activity, application performance and threat control by showing how isolated events impact performance as a whole.

1. Identify
   Use deep (layer 2-7) packet inspection to identify:
   - Application traffic
   - Users & groups
   - URL traffic
   - Anonymous proxy traffic
   - Spyware and virus threats
   - Internet usage trends

2. Filter
   Sort traffic based on type and origin:
   - Real-time URL categorization
   - URL database matching
   - Keyword detection
   - Deep HTML inspection
   - HTTPS filtering
   - Real-time anonymous proxy filtering
   - Web-based threat removal

3. Prioritize
   Control applications and dynamically shape traffic for:
   - Applications
   - Users
   - Web sites
   - Web categories
   - File & MIME types

4. Report
   Provide detailed information about:
   - Users
   - Applications
   - Content
   - Web usage
   - Threats

= Items To Filter/Prioritize:
- Application
- URL/Web
- Threats
- Anonymous Proxy
- Users
- HTTPS

= Desired Items

= Encrypted Data
Reinvent Your Relationship with the Internet

The Security Appliance is ready to offer your organization new levels of Internet safety, performance and control, so you can maximize the value and productivity of your Internet connection. Visit www.contentwatch.com to learn more and schedule a live demo.

Call us at: 866.765.7233
Visit our website at: ContentWatch.com