

## Check Point Secure Web Gateway Appliances

Check Point's Secure Web Gateway Appliance enables secure use of Web 2.0 with the largest application coverage, unified control of all aspects of web, end-user education, integrated anti-malware and 360 degrees visibility of all web activities.

# Check Point Secure Web Gateway Appliances

Today's use of the internet includes not only websites, but applications and features within these applications that can compromise a company's security, increase exposure to malware, and impact productivity. Different users in the organization have different business needs, and security policies must support those needs, not impede them. For example, Human Resources may need LinkedIn for recruiting activities and sales reps may use Facebook to stay connected with customers and partners. How can today's security manager know which websites and applications employees should and should not access?

Preventing malicious downloads is another critical function of securing web access. According to Kaspersky's Malware Statistics 2012, 91% of attacks occurred through malicious URLs. Organizations must protect themselves from this popular attack vector.

Traditional Web Security solutions focus mainly on filtering web sites based on URLs. These solutions have limited coverage of applications that are not URL based (such as Skype) or that require further granularity than the URL level (such as Facebook Chat). To be able to fully control Internet usage, customers find themselves managing two separate solutions – doubling the effort of maintaining policies, analyzing and monitoring Internet use in the organization.

## OVERVIEW

Check Point is making it easier to secure use of Web 2.0 by offering a dedicated Secure Web Gateway Appliance built with our most powerful combination of web security features including:

- URL Filtering to control website access
- Application Control to control application usage
- Antivirus to identify and block malware
- Identity Awareness to define policies for user and groups
- SmartEvent for 360 degree visibility over all web users and activities
- Unified Policy that covers all web, applications, users and machines

Check Point's Secure Web Gateway solution has flexible deployment options including stand-alone dedicated appliances that comes in a variety of models to fit branch and small offices, medium, large and extra-large enterprises, and secure web software packages that are available on any security gateway.

## KEY FEATURES

- One dedicated appliance integrating URL Filtering, Application Control, Antivirus, Identity Awareness and Analysis and Reporting
- Unified control of all aspects of Internet – control applications and sites in the same policy
- Largest app library with over 4,700 apps, 240,000 widgets, and 130 categories
- Cloud-based site categorization constantly updated with over 200 Million sites in over 70 categories
- UserCheck empowers users with knowledge about internet risks and corporate policy
- Single, unified event console increases visibility over all security
- User and user group granularity in policy and reporting

## KEY BENEFITS

- Leverage the power of Web 2.0 by controlling usage of applications and access to websites
- Identify and prevent malicious files from being downloaded from web sites
- Monitor, analyze and report Web access and applications usage
- Integrated with Check Point security management for better control
- The only solution that protects all Web-based activities with unified control, enforcement and reporting



## SECURE WEB GATEWAY FEATURES

### URL Filtering

Control access to millions of web sites by category, users, groups and machines with cloud-based technology that is constantly updated with new websites to support employee productivity and security policy. Block access to entire websites or just pages within, and set enforcements by time allocation or bandwidth limitations. Maintain a list of accepted and unaccepted website URLs to fine tune security policies.

### Application Control

Control access to over 4,700 applications and 240,000 social network widgets with the industry's largest application coverage. Create granular security policies based on users or groups to identify, block or limit usage of web applications and widgets like instant messaging, social networking, video streaming, VoIP, games and more. Enables companies the ability to balance security and business needs.

### Unified Security Policy

Traditional internet security requires establishing policies for each element of securing the web. Check Point's Web Security Gateway Appliance is the only solution to offer unified control over all websites, web applications, users and machines. This significantly reduces the complexity of securing the internet and enables organizations to more easily and cost-effectively implement and enforce corporate security policies.

Source	Applications/Sites	Action
Any	Spyware / Malicio... P2P File Sharing	Block
Engineers	Media Streams	Allow Download_10Mbps

### Antivirus

Stop incoming malicious files at the gateway before the user is affected with real-time virus signatures and anomaly-based protections from ThreatCloud, the first collaborative network to fight cybercrime. Identify over 4.5 million malware signatures and 300,000 malicious websites with a constantly-updated worldwide network of sensors that provide ongoing malware intelligence.

### Identity Awareness

Control access to company resources and the internet by user, group or machine for granular visibility and policy enforcement. Easily distinguish between employees and guests or contractors and restrict access to prevent unwanted data loss or threats to data centers, networks and applications. Prevent unauthorized access to corporate resources while allowing authorized users to work remotely.

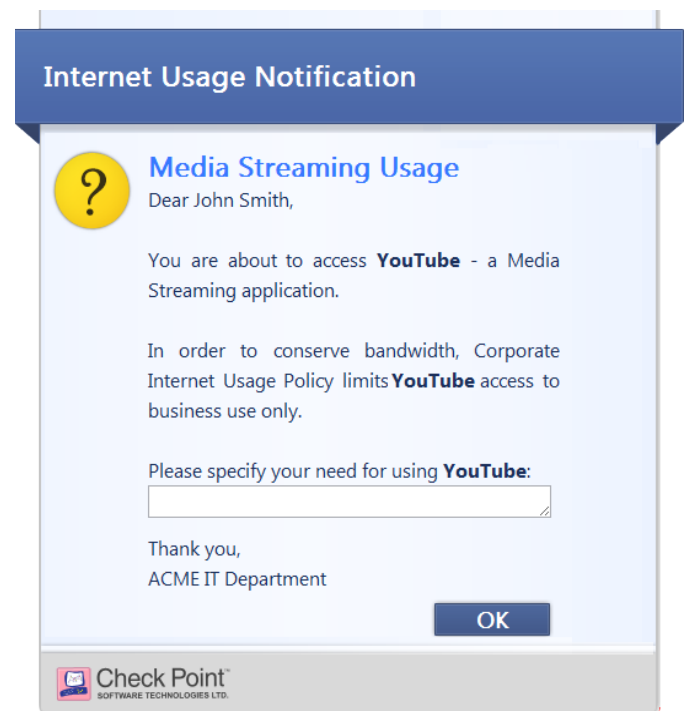
### Integrated Security Management

Unified security management simplifies the monumental task of managing growing threats, devices and users. Our comprehensive, centralized security management system

controls all Check Point gateways and Software Blades from SmartDashboard. The intuitive graphical user interface enables IT managers to easily manage a wide set of security management functions.

### Check Point UserCheck

Engage and educate users about corporate policy and internet safety without involving IT personnel with a real-time pop-up agent that offers users advice and the opportunity to reconsider current online activities. Engaging users in the decision-making process increases awareness which can help organizations mitigate the security risks associated with enterprise internet use.



**Internet Usage Notification**

**Media Streaming Usage**

Dear John Smith,

You are about to access **YouTube** - a Media Streaming application.

In order to conserve bandwidth, Corporate Internet Usage Policy limits **YouTube** access to business use only.

Please specify your need for using **YouTube**:

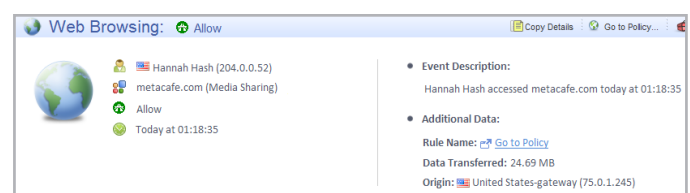
Thank you,  
ACME IT Department

**OK**

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### SmartEvent

Quickly stop critical security events and add on-the-fly protections with our unified security event management. SmartEvent correlates all the activity from your Check Point products and 3rd party devices and provides a security timeline including trends, statistics and maps for a detailed snapshot of your security status. Leverage offline reporting and numerous pre-defined security events plus an event-wizard to customize your own events. Schedule and email offline reports, in PDF, HTML or excel format, of top used applications and accessed sites, detailed user Web activity and more.



**Web Browsing:** Allow

Hannah Hash (204.0.0.52)  
metacafe.com (Media Sharing)  
Allow  
Today at 01:18:35

**Event Description:**  
Hannah Hash accessed metacafe.com today at 01:18:35

**Additional Data:**  
Rule Name: [Go to Policy](#)  
Data Transferred: 24.69 MB  
Origin: United States-gateway (75.0.1.245)



## Datasheet: Check Point Secure Web Gateway Appliances






### Multiple Deployment Options

Check Point Secure Web Gateway has flexible deployment options to support a multitude of business needs and sizes including inline installation as well as the option to set your gateway to act as a proxy.

### Add Functionality When You Need It

Check Point Secure Web Gateway can add additional software functionality if your security needs increase. Seamlessly add software blades such as the Anti-Bot Software Blade or the IPS Software Blade.

## SPECIFICATIONS

	SWG-4400	SWG-4600	SWG-4800	SWG-12400	SWG-12600
					
<b>Sizing</b>					
Users (recommended) <sup>1</sup>	up to 250	up to 500	up to 1,000 users	up to 5,000 users	up to 10,000 users
Concurrent Connections	20,000	32,000	50,000	66,000	160,000
Connections per Second	650	1,000	1,800	2,500	5,700
HTTP Transactions per Second	2,700	4,200	7,000	10,000	22,000
<b>System Resources</b>					
Cores	2	2	4	6	12
Memory	4 GB	4 GB	8 GB	8 GB (up to 12 GB)	12 GB
Storage	250 GB	250 GB	250 GB	500 GB (up to 2x500 GB)	2x500 GB
Network Interfaces	8 x 10/100/1000Base-T RJ45 ports	8 x 10/100/1000Base-T RJ45 ports	8 x 10/100/1000Base-T RJ45 ports	2 on board 1GbE copper 8 x 1GbE copper interface card	2 on board 1GbE copper 4 x 1GbE copper interface card 8 x 1GbE copper interface card
Power Supply	One AC power supply	One AC power supply	One AC power supply	Redundant dual hot-swappable	Redundant dual hot-swappable
LOM	NA	NA	NA	Yes	Yes
<b>Dimensions</b>					
Enclosure	1U	1U	1U	2U	2U
Standard (W x D x H)	17.25 x 12.56 x 1.73 in.	17.25 x 12.56 x 1.73 in.	17.25 x 16.14 x 1.73 in.	17.24 x 22.13 x 3.46 in.	17.24 x 22.13 x 3.46 in.
Metric (W x D x H)	438 x 320 x 44 mm	438 x 320 x 44 mm	438 x 410 x 44 mm	438 x 562 x 88 mm	438 x 562 x 88 mm
Weight	7.5 kg (16.53 lbs.)	7.5 kg (16.53 lbs.)	7.6 kg (16.76 lbs.)	23.4 kg (51.6 lbs.)	23.4 kg (51.6 lbs.)
<b>Power Requirements</b>					
AC Input Voltage	100 - 240V	100 - 240V	100 - 240V	100 - 240V	100 - 240V
Frequency	50 - 60 Hz	50 - 60 Hz	47 - 63 Hz	47 - 63 Hz	47 - 63 Hz
Single Power Supply Rating	250W	250W	275W	300W	400W
Power Consumption Maximum	90W	90W	140W	132W	220W
Maximum thermal output	240.1 BTU	240.1 BTU	425.6 BTU	450.4 BTU	750.6 BTU

<sup>1</sup> There is no license limitation on the number of supported users.

- All models: Bypass card optional
- All models: Deploy in line, as proxy or tap
- All models: Locally or centrally manage

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