



**Check Point**<sup>®</sup>  
SOFTWARE TECHNOLOGIES LTD.

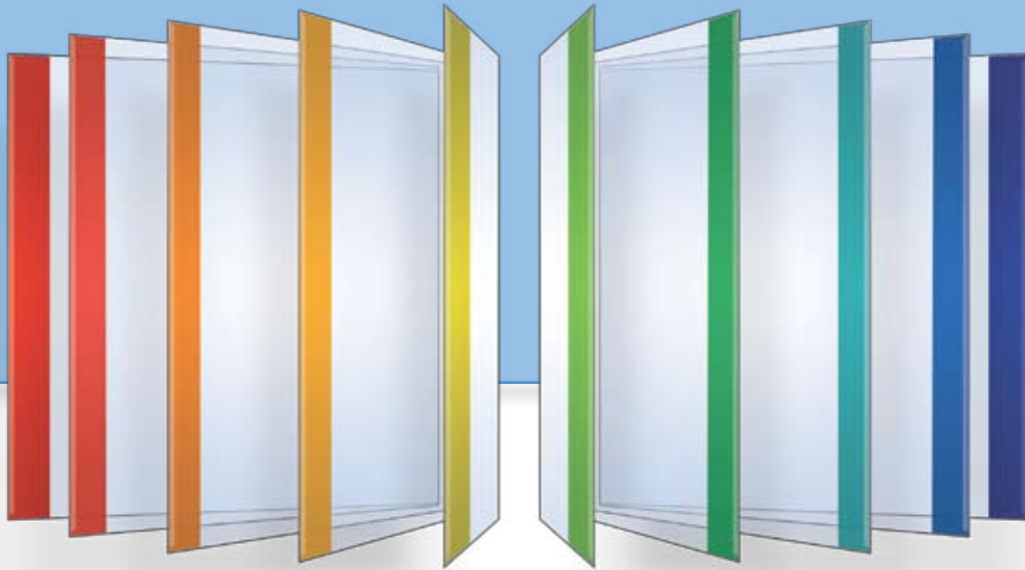
# CHECK POINT

## Software Blade Architecture

Secure. Flexible. Simple.

# softwareblades

## from Check Point



### TODAY'S SECURITY CHALLENGE

Protecting networks against today's constantly evolving threat environment has never been more challenging. Infrastructure, connectivity and performance requirements keep growing. New and varied threats are leading to more security vendors, point-products and complexity, while IT teams are under increasing pressure to reduce costs and complexity, and do more with existing hardware and resources. The combination of these challenges has led to ineffective approaches that are increasingly inefficient, costly and unsustainable.

As a result, organizations and IT teams are looking for an effective solution—one that is more simple, flexible and easier to manage. This includes the freedom to add critical protection as needed, without worrying about performance, availability or forklift upgrades. It also means the ability to invest in security only as you need it, without having to introduce yet another security vendor and point appliance.

### CHECK POINT SOFTWARE BLADE ARCHITECTURE

Check Point Software Blade Architecture is the first and only security architecture that delivers total, flexible and manageable security to companies of any size. It enables organizations to easily and efficiently tailor their network security infrastructure to meet critical and targeted business security needs. What's

more, as new threats and needs emerge, Check Point Software Blade Architecture quickly and flexibly extends security services on-demand—without the addition of new hardware or management complexity. All solutions are centrally managed through a single console that reduces complexity and operational overhead.

Check Point software blades deliver lower total cost of ownership (TCO), faster return on investment (ROI) and cost-efficient protection to meet any network security need—today and in the future.

### WHAT IS A SOFTWARE BLADE?

A software blade is a security building block that is independent, modular and centrally managed—allowing organizations to customize a security configuration that targets the right mix of protection and investment. Software blades can be quickly enabled and configured on any gateway or management system with a simple click of a mouse—no hardware, firmware or driver upgrades required. And as needs evolve, additional software blades can be easily activated to extend security to an existing configuration on the same security hardware.

Secure. Flexible. Simple.

## KEY BENEFITS

### ■ Simplicity

Easy administration, total flexibility and simple security activation eliminates complexity and makes security easier to operate and manage.

### ■ Manageability

One-click activation enables fast deployment of security services. Centralized software blade management increases productivity and efficiency.

### ■ Total Security

A comprehensive library of over twenty software blades delivers unrivaled security integration to allow the right level of security at all layers of the network.

### ■ Lower TCO

Delivers better security, hardware extensibility and consolidation, while lowering TCO by up to 50% compared to traditional multi-vendor solutions.

### ■ Guaranteed performance

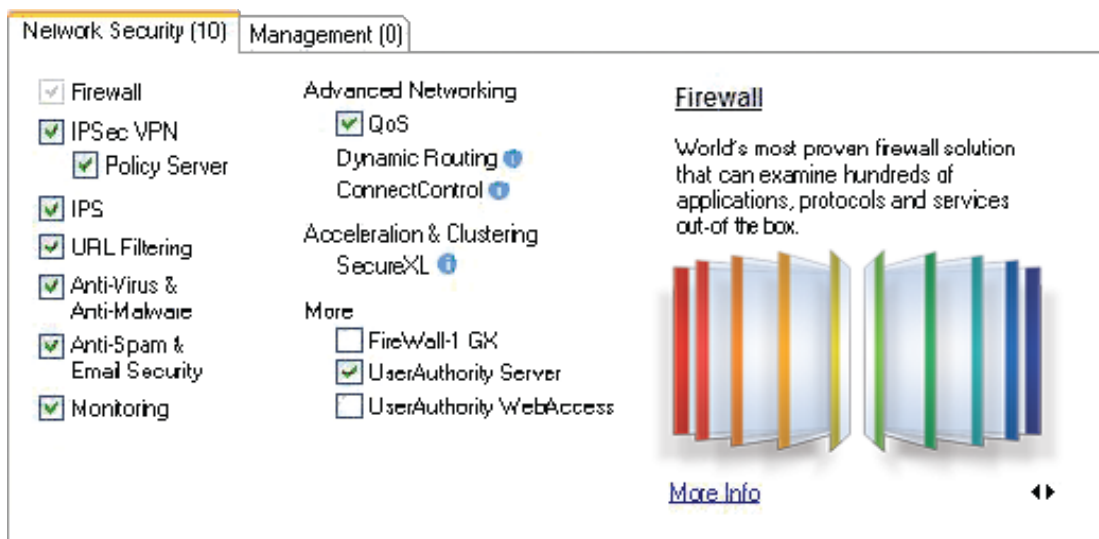
Delivers performance up to 29Gbps. Allows for provisioning of resources that guarantee service levels.

### ■ Lower carbon footprint

Delivers Green IT savings by allowing the consolidation of multiple point solutions into one integrated gateway that reduces rack space, cooling, cabling and power.

## HOW ARE CHECK POINT SOFTWARE BLADES DEPLOYED?

Software blades can be deployed on Check Point UTM-1™, Power-1™, and IP appliances and open servers. New software blades can be easily added to your existing hardware platform by simply “turning on” their functionality in the Check Point centralized, easy-to-use management console. No additional hardware, firmware or drivers are necessary. This enables organizations to deploy security dynamically—as needed—with lower total cost of deployment.



### Check Point Security Gateway R70—SmartDashboard

The Firewall Software Blade—with award-winning Check Point FireWall-1® technology—is always included

Extend your security solution with a click of a mouse. Easily add new security software blades with Check Point's flexible, easy-to-use management console.

## BUILDING A SECURITY SOLUTION USING SOFTWARE BLADES

The Check Point Software Blade Architecture allows for simple and efficient customization of tailored systems for your business. Or, choose from a full selection of predefined, turn-key solutions.

### Tailor an Integrated Security Gateway or Security Management Solution

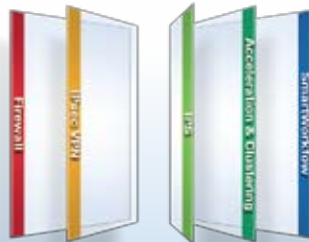
#### Step 1

Select a container based on the number of cores



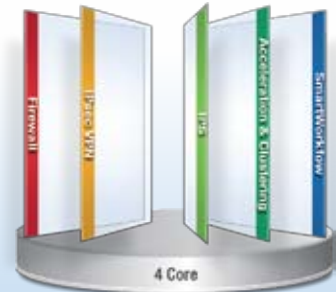
#### Step 2

Select the software blades



#### Step 3

Create a system that is simple, flexible and secure



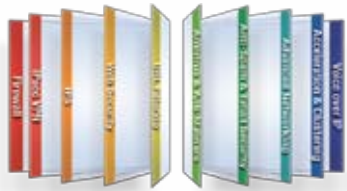
## SELECT A SOLUTION THAT CAN GROW WITH YOUR BUSINESS

Whether designing a solution for an enterprise headquarters or data center, branch office, or mid-size business, Check Point Software Blade Architecture provides unmatched configuration flexibility. The result is a complete gateway or management system configured precisely to your specific business needs.

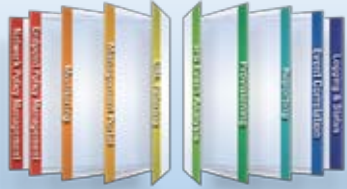
### Three Options to Build Your Solution

#### Option 1

À La Carte



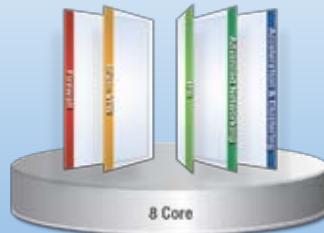
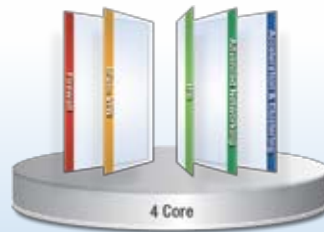
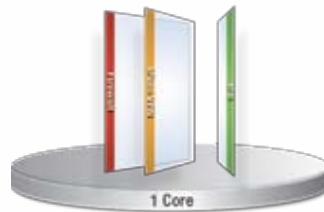
Security Software Blades



Management Software Blades

#### Option 2

Pre-defined Systems



#### Option 3

Check Point Appliances



Power-1 Appliances



IP Appliances



UTM-1 Appliances



Smart-1 Appliances

# Customize your security to meet your unique business needs.

## SOFTWARE BLADE SYSTEMS AND CONTAINERS

Software blade systems and containers come with all of the necessary services required to run the Check Point software blade environment, and feature Check Point's easy-to-use, web-based administrative interface. There are two varieties of software blade systems and containers:

### For Security Gateways

Security gateway software blade systems and containers come pre-defined and feature:

- SecurePlatform™ – a pre-hardened operating system for quick and easy deployment
- CoreXL™ – multi-core acceleration for deep-packet inspection and maximum performance

### For Security Management

Security management software blade containers come pre-defined and feature:

- Built-in update service that keeps current with the latest software
- Integrated backup, restore and upgrade capabilities

## SECURITY GATEWAY SOFTWARE BLADE SYSTEMS AND CONTAINERS

There are a total of four (4) pre-defined security gateway software blade systems and four (4) security gateway software blade containers available.

Pre-defined Security Gateway Software Blade Systems					Security Gateway Software Blade Containers*		
Name	Cores	System	Software Blades	Environment	Name	Cores	Environment
SG 100 Series	1	SG103	Firewall, VPN, IPS	Small Businesses/ Branch Offices	SG101	1	Small Businesses/ Branch Offices
		SG106	Firewall, VPN, IPS, Anti-Spam & Email Security, URL Filtering, Antivirus & Anti-Malware		SG201	2	Mid-Size Businesses
SG 200 Series	2	SG203	Firewall, VPN, IPS	Mid-Size Businesses	SG401	4	Medium Enterprises
		SG203U	Firewall, VPN, IPS		SG801	8	Large Enterprises and Carriers
		SG205	Firewall, IPsec VPN, IPS, Advanced Networking, Acceleration & Clustering				
		SG207	Firewall, VPN, IPS, Anti-Spam & Email Security, URL Filtering, Antivirus & Anti-Malware, Acceleration & Clustering				
SG 400 Series	4	SG405	Firewall, VPN, IPS, Advanced Networking, Acceleration & Clustering	Medium Enterprises			
		SG407	Firewall, VPN, IPS, Anti-Spam & Email Security, URL Filtering, Antivirus & Anti-Malware, Acceleration & Clustering				
SG 800 Series	8	SG805	Firewall, VPN, IPS, Advanced Networking, Acceleration & Clustering	Large Enterprises and Carriers			

\* All containers include the Check Point Firewall Software Blade. Customers choose additional security gateway software blades according to their needs.

Leverage your existing platform.  
 Extend your security solution, as needed.

## SECURITY MANAGEMENT SOFTWARE BLADE SYSTEMS AND CONTAINERS

There are a total of five (5) pre-defined security management software blade systems and three (3) security management software blade containers available.

Pre-defined Security Management Software Blade Systems				Security Management Software Blade Containers*		
Name	Gateways	Software Blades	Environment	Name	Gateways	Environment
SM1003	10	Network Policy Management, Endpoint Policy Management, Logging & Status	Small Businesses/ Branch Offices	SM1000	10	Small Businesses/ Branch Offices
SM1007	10	Network Policy Management, Endpoint Policy Management, Logging & Status, Monitoring, IPS Event Analysis, SmartProvisioning, User Directory	Small Businesses/ Branch Offices	SM2500	25	Mid-Size Businesses
SM2506	25	Network Policy Management, Endpoint Policy Management, Logging & Status, Monitoring, IPS Event Analysis, SmartProvisioning	Mid-Size Businesses	SMU000	Unlimited	Medium/Large Enterprises
SMU003	Unlimited	Network Policy Management, Endpoint Policy Management, Logging & Status	Medium/Large Enterprises	* Customers choose Security Management Software Blades according to their needs.		
SMU007	Unlimited	Network Policy Management, Endpoint Policy Management, Logging & Status, Monitoring, IPS Event Analysis, SmartProvisioning, User Directory	Medium/Large Enterprises			

## SOFTWARE BLADES

The Check Point Software Blade Architecture supports a complete and increasing selection of software blades, each delivering a modular security gateway or security management function.

Security gateway and security management blades available today include:

Security Gateway Software Blades	
Firewall	
IPsec VPN	
IPS	
Advanced Networking	
Acceleration & Clustering	
Anti-Spam & Email Security	
URL Filtering	
Web Security	
Voice over IP	
Data Loss Prevention	
Remote Access	
Network Access Control	

Security Management Software Blades	
Network Policy Management	
Endpoint Policy Management	
Logging & Status	
Monitoring	
Management Portal	
User Directory	
SmartProvisioning	
IPS Event Analysis	
Reporting	
Event Correlation	
Multi-Domain Management	
SmartWorkflow	

Contact Check Point now  
to discuss Check Point Software Blade Architecture:

[www.checkpoint.com/contactus](http://www.checkpoint.com/contactus)

By phone in the US: 1-800-429-4391 option 5 or  
1-650-628-2000



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