software blades
from Check Point
TODAY’S SECURITY CHALLENGE
Protecting enterprises 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 lead to ineffective approaches that are increasingly inefficient, costly and unsustainable.

As a result, organizations and IT teams are looking for a better solution—one that is more simple, flexible and secures the entire enterprise. This includes the freedom to add critical protection at the network or endpoint 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, endpoint agent, or 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 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 or endpoint 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.

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.
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.

HOW ARE CHECK POINT SOFTWARE BLADES DEPLOYED?
Software Blades can be deployed on Check Point UTM-1™, Power-1™, Smart-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 R75—SmartDashboard
The Firewall Software Blade—with award-winning Check Point FireWall-1® technology—is always included
BUILDING A GATEWAY 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

1 Core
2 Core
4 Core
8 Core

**Step 2**
Select the Software Blades

**Step 3**
Create a system that is simple, flexible and secure
SELECT A GATEWAY 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 Gateway 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
BUILDING AN ENDPOINT SECURITY SOLUTION USING ENDPOINT SOFTWARE BLADES

The Check Point Endpoint Software Blade Architecture allows for simple and efficient customization of endpoint security for your business.

Tailor an Integrated Endpoint Security Solution

**Step 1**
Select a container based on the number of seats

- 1 to 100
- 101 to 1000
- 1001 to 2500
- 2501 and above

**Step 2**
Select the Endpoint Software Blades

**Step 3**
Deploy Endpoint Software Blades as a single agent
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 three 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 Endpoint Security

Choose from six Endpoint Security Software Blades to tailor a custom solution:

- Deploy only the endpoint protection you need today
- Add more security easily at any time from a central management console

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.

<table>
<thead>
<tr>
<th>Pre-defined Security Gateway Software Blade Systems</th>
<th>Security Gateway Software Blade Containers*</th>
</tr>
</thead>
<tbody>
<tr>
<td>Name</td>
<td>Cores</td>
</tr>
<tr>
<td>SG 100 Series</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td>SG 200 Series</td>
<td>2</td>
</tr>
<tr>
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<tr>
<td>SG 400 Series</td>
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<tr>
<td>SG 800 Series</td>
<td>8</td>
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<tr>
<td>SG 1200 Series</td>
<td>12</td>
</tr>
</tbody>
</table>

* All containers include the Check Point Firewall Software Blade. Customers choose additional security gateway Software Blades according to their needs.
Customize your security to meet your unique business needs.

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

<table>
<thead>
<tr>
<th>Name</th>
<th>Gateways</th>
<th>Software Blades</th>
<th>Environment</th>
</tr>
</thead>
<tbody>
<tr>
<td>SM1003</td>
<td>10</td>
<td>Network Policy Management, Endpoint Policy Management, Logging &amp; Status</td>
<td>Small Businesses/Branch Offices</td>
</tr>
<tr>
<td>SM1007</td>
<td>10</td>
<td>Network Policy Management, Endpoint Policy Management, Logging &amp; Status, Monitoring, SmartEvent, SmartProvisioning, User Directory</td>
<td>Small Businesses/Branch Offices</td>
</tr>
<tr>
<td>SM2506</td>
<td>25</td>
<td>Network Policy Management, Endpoint Policy Management, Logging &amp; Status, Monitoring, SmartEvent, SmartProvisioning</td>
<td>Mid-Size Businesses</td>
</tr>
<tr>
<td>SMU003</td>
<td>Unlimited</td>
<td>Network Policy Management, Endpoint Policy Management, Logging &amp; Status</td>
<td>Medium/Large Enterprises</td>
</tr>
<tr>
<td>SMU007</td>
<td>Unlimited</td>
<td>Network Policy Management, Endpoint Policy Management, Logging &amp; Status, Monitoring, SmartEvent, SmartProvisioning, User Directory</td>
<td>Medium/Large Enterprises</td>
</tr>
</tbody>
</table>

### Pre-defined Multi-Domain Security Management Systems

<table>
<thead>
<tr>
<th>Name</th>
<th>Gateways</th>
<th>Software Blades</th>
<th>Environment</th>
</tr>
</thead>
<tbody>
<tr>
<td>SMDMN10*</td>
<td>Unlimited</td>
<td>Network Policy Management, Endpoint Policy Management, Logging &amp; Status, Global Policy and 10 Security Domain Software Blades</td>
<td>Medium/Large Enterprises</td>
</tr>
</tbody>
</table>

* Requires SMU000

### Security Management Software Blade Containers

<table>
<thead>
<tr>
<th>Name</th>
<th>Gateways</th>
<th>Environment</th>
</tr>
</thead>
<tbody>
<tr>
<td>SM1000</td>
<td>10</td>
<td>Small Businesses/Branch Offices</td>
</tr>
<tr>
<td>SM2500</td>
<td>25</td>
<td>Mid-Size Businesses</td>
</tr>
<tr>
<td>SMU000</td>
<td>Unlimited</td>
<td>Medium/Large Enterprises</td>
</tr>
</tbody>
</table>

ENDPOINT SECURITY SOFTWARE BLADES AND CONTAINERS

There are six (6) endpoint security Software Blades and four (4) endpoint security containers available to secure endpoints and grow with any size business.

### Endpoint Security Software Blade Systems

<table>
<thead>
<tr>
<th>Name</th>
<th>Software Blades</th>
<th>Duration</th>
</tr>
</thead>
<tbody>
<tr>
<td>CPSB-EP-FDE</td>
<td>Check Point Endpoint Full Disk Encryption blade</td>
<td>1 year</td>
</tr>
<tr>
<td>CPSB-EP-ME</td>
<td>Check Point Endpoint Media Encryption blade</td>
<td>1 year</td>
</tr>
<tr>
<td>CPSB-EP-VPN</td>
<td>Check Point Endpoint Remote Access (VPN) blade</td>
<td>1 year</td>
</tr>
<tr>
<td>CPSB-EP-AM</td>
<td>Check Point Endpoint Anti Malware and Program Control blade</td>
<td>1 year</td>
</tr>
<tr>
<td>CPSB-EP-WEBC</td>
<td>Check Point Endpoint WebCheck blade</td>
<td>1 year</td>
</tr>
<tr>
<td>CPSB-EP-TS</td>
<td>Check Point Total Endpoint Security package</td>
<td>1 year</td>
</tr>
</tbody>
</table>

### Endpoint Security Software Blade Containers

<table>
<thead>
<tr>
<th>Name</th>
<th>Endpoints</th>
</tr>
</thead>
<tbody>
<tr>
<td>CPEP-C1-1TO100</td>
<td>1 to 100</td>
</tr>
<tr>
<td>CPEP-C1-101TO1000</td>
<td>101 to 1000</td>
</tr>
<tr>
<td>CPEP-C1-1001TO2500</td>
<td>1001 to 2500</td>
</tr>
<tr>
<td>CPEP-C1-2501TOU</td>
<td>2501 and above</td>
</tr>
</tbody>
</table>
### Security Gateway Software Blades
- Firewall
- IPsec VPN
- Mobile Access
- Application Control
- Identity Awareness
- IPS
- Web Security
- Data Loss Prevention
- URL Filtering
- Antivirus & Anti-Malware
- Anti-Spam & Email Security
- Advanced Networking
- Acceleration & Clustering
- Voice over IP

### Security Management Software Blades
- Network Policy Management
- Endpoint Policy Management
- Logging & Status
- Monitoring
- Management Portal
- User Directory
- SmartProvisioning
- SmartEvent
- SmartReporter
- SmartWorkflow
- Multi-Domain Management

### Endpoint Security Software Blades
- Firewall / Compliance Check
- Full Disk Encryption
- Media Encryption
- Remote Access
- Anti-Malware / Program Control
- WebCheck Secure Browsing

**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, security management and endpoint security Software Blades available today include:

Leverage your existing platform.
Extend your security solution, as needed.
More. Better. Simpler Security™