INTEGRATED SECURITY ARCHITECTURE

2021

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TODAY'S SECURITY CHALLENGE

Protecting enterprises against today's constantly evolving threats 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 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.

NETWORK, CLOUD AND MOBILE SECURITY

Since 1993, Check Point has been dedicated to providing customers with uncompromised protection against all types of threats, reducing security complexity and lowering total cost of ownership. We are committed to staying focused on customer needs and developing solutions that redefine the security landscape today and in the future.

Our products provide end-to-end security from the enterprise to the cloud to your mobile worker's personal devices. We prevent and mitigate cyber-attacks and limit the data theft that often results from these threats. Our unified security management solution delivers unsurpassed extensibility and ease of use.

INTEGRATED SECURITY ARCHITECTURE

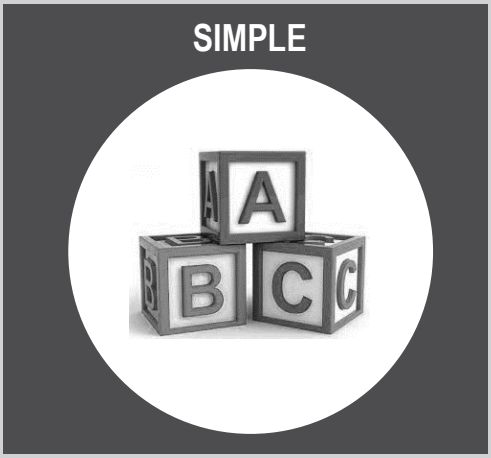
Regardless of your organization's size, you must be secure to compete. Check Point delivers the best security solutions with the right architecture to prevent attacks in all of your environments. The Check Point integrated security architecture allows companies to enforce security policies while helping to educate users on those policies. We deliver total, flexible and manageable security to companies of any size and to any platform.

THE SOFTWARE SECURITY ADVANTAGE

Security applications or modules such as a firewall, Virtual Private Network (VPN), Intrusion Prevention System (IPS), or Application Control to name a few, are fully integrated and centrally managed. They allow organizations to customize a security configuration that targets the right mix of protection and investment. Security delivered as software 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 are required. And as needs evolve, additional security can be easily activated to extend security to an existing configuration on the same security hardware.

ALL INCLUSIVE SECURITY PACKAGES

To simplify your experience as a customer we offer inclusive next generation security and management packages. Gateways and endpoints come with SandBlast Zero-day Threat Prevention. Renewal packages such as Next Generation Firewall are available at the end of the first year. Our security management package combines policy management, monitoring and event management in one platform.



KEY BENEFITS

BETTER SECURITY

A multi-layered solution provides end-to-end security from the enterprise to the cloud to your mobile worker's personal devices, combined with the industry's most advanced threat prevention capabilities.

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 security management increases productivity and efficiency.

TOTAL SECURITY

A comprehensive library of fully integrated security 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 compared with traditional multi-vendor solutions.

COMPREHENSIVE VISIBILITY

Threat management is fully integrated, with logging, monitoring, event correlation and reporting in one place. The intuitive, visual dashboard provides full visibility into security across the network, helping you monitor security continuously and stay alert to potential threats.

LOWER CARBON FOOTPRINT

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

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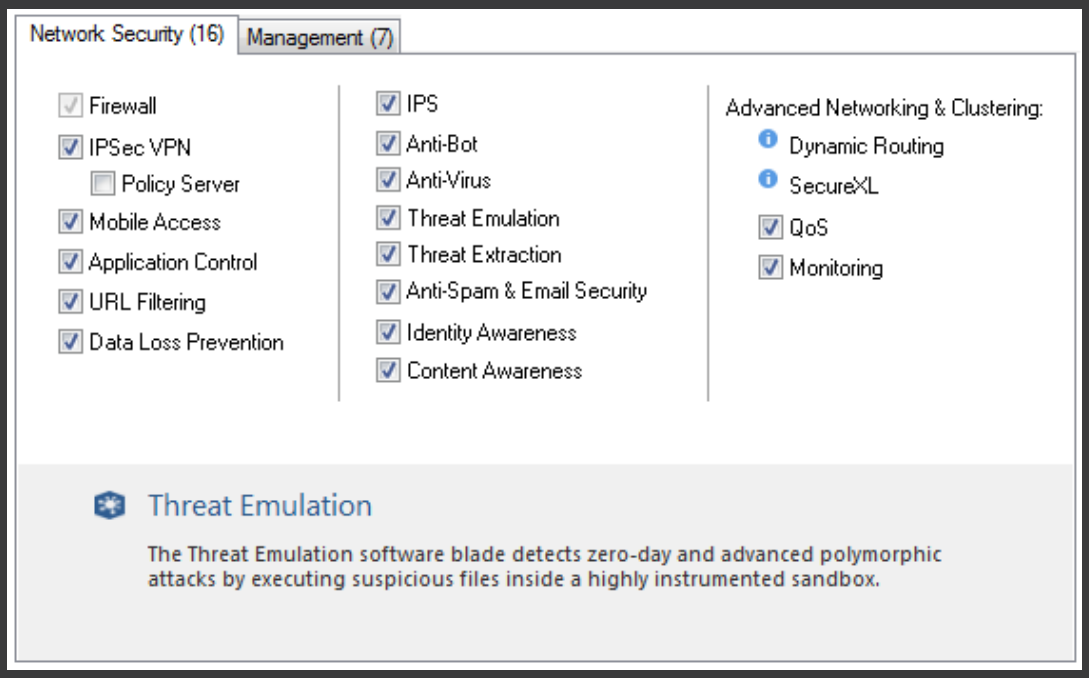
EXTEND YOUR SECURITY SOLUTION WITH A CLICK OF A MOUSE. EASILY ADD NEW SECURITY WITH CHECK POINT'S FLEXIBLE, EASY-TO-USE MANAGEMENT CONSOLE.

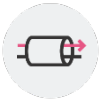


HOW IS CHECK POINT SECURITY DEPLOYED?

Security can be deployed on Check Point appliances and open servers. New security functions can be easily added to your existing hardware platform by simply "turning on" the 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.

NETWORK SECURITY

The Check Point Firewall builds on the award-winning technology first offered in Check Point's FireWall-1 solution to provide the industry's strongest level of gateway security and identity awareness.



Check Point IPsec VPN integrates access control, authentication and encryption to guarantee secure connectivity to corporate networks for remote and mobile users, branch offices and business partners over the Internet.

Check Point Advanced Networking and Clustering simplifies network security deployment and management within complex networks, while maximizing network performance — ideal for high-end enterprise and datacenter environments where performance and availability are critical.

Check Point Mobile Access provides simple and secure remote access to email, calendars, contacts and corporate applications over the Internet, via smartphones, tablets or laptops.

Check Point Identity Awareness provides granular visibility of users, groups and machines, providing unmatched application and access control through the creation of accurate, identity based policies.

Check Point Application Control enables IT teams to easily create granular policies — based on users or groups — to identify, block or limit usage of over 8,500 applications.

Check Point URL Filtering integrates Secure Web Gateway controls with NGFW Application Controls, allowing unified enforcement and management of all aspects of Web security.

Check Point Content Awareness is a light-weight Data Loss Prevention (DLP) solution that helps businesses to pre-emptively protect sensitive information from unintentional loss, educating users on proper data handling policies and empowering them to remediate incidents in real-time.

Check Point Intrusion Prevention System (IPS) delivers complete and proactive intrusion prevention — all with the deployment and management advantages of a unified and extensible next-generation firewall solution.

Check Point Anti-Bot detects bot-infected machines, prevents bot damages by blocking bot C&C communications, and is continually updated from ThreatCloud™, the first collaborative network to fight cybercrime.

Check Point Antivirus stops incoming malicious files. Using real-time virus signatures and anomaly-based protections from ThreatCloud™, the first collaborative network to fight cybercrime.

Check Point Anti-Spam and Email Security provides comprehensive protection for an organization's messaging infrastructure.

Check Point SandBlast Threat Emulation prevents infections from zero-day threats, new malware and targeted attacks. As part of the SandBlast™ Zero-Day Protection solution, this innovative sandboxing engine delivers the best possible catch rate for threats, and is virtually immune to attackers' evasion techniques.

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The Check Point SandBlast Threat Extraction removes exploitable content, including active content and embedded objects, reconstructs files to eliminate potential threats, and promptly delivers sanitized content to users to maintain business flow.

MANAGEMENT

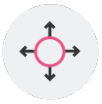
Check Point Network Policy Management provides comprehensive, centralized network security policy management for Check Point gateways via a single, unified console that provides control over the most complex security deployments.

Check Point Endpoint Policy Management simplifies endpoint security management by unifying all endpoint security capabilities for PC & Mac in a single console. Monitor, manage, educate and enforce policy, from an at-a-glance dashboard down to user and machine details, all with a few clicks.

Check Point Next-Generation SmartEvent consolidates monitoring, logging, reporting and event analysis in a single console—to bring you comprehensive, easy-to-understand threat visibility. So, rather than drown in the deluge of data, your security team can focus their efforts on the critical threats.

Check Point Logging and Status transforms data into security intelligence with SmartLog, an advanced log analyzer that delivers split-second search results providing real-time visibility into billions of log records over multiple time periods and domains.

Check Point Compliance provides an integrated and fully automated security and compliance monitoring solution. Compliance enables continuous monitoring, strengthens regulatory compliance, maintains secure policy, and reduces audit time & costs.



Check Point SmartProvisioning provides centralized administration and security provisioning of Check Point devices. Using profiles, administrators can automate device configuration and easily roll out changes to settings to multiple, geographically distributed devices, via a single security management console.

Check Point Monitoring presents a complete picture of network and security performance, enabling fast responses to changes in traffic patterns or security events. Monitor Check Point devices and alerts to changes to gateways, endpoints, tunnels, remote users and security activities.

Check Point SmartView allows browser-based event management. Use the SmartView Web Application to see an overview of the security information for your environment. It has the same real-time event monitoring and analysis views as SmartConsole.

Check Point User Directory leverages LDAP servers to obtain identification and security information about network users, eliminating the risks associated with manually maintaining and synchronizing redundant data stores, and enabling centralized user management throughout the enterprise.

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ENDPOINT SECURITY

Check Point Full Disk Encryption provides automatic security for all information on endpoint hard drives, including user data, operating system files and temporary and erased files. For maximum data protection multi-factor pre-boot authentication ensures user identity, while encryption prevents data loss from theft.

Check Point Media Encryption and Port Protection provides centrally-enforceable encryption of removable storage media such as USB flash drives, backup hard drives, CDs and DVDs, for maximum data protection. Port control enables management of all endpoint ports, plus centralized logging of port activity for auditing and compliance

Check Point Capsule Docs controls your business documents, regardless of where they go. Encrypt your business documents and enable seamless access by authorized users only.

Check Point Firewall & Compliance Check protects endpoints by controlling inbound and outbound traffic and ensuring policy compliance, with centralized management from a single console.

Check Point Remote Access VPN provides users with secure, seamless access to corporate networks and resources when traveling or working remotely.

Check Point Anti-Malware efficiently detects and removes malware from endpoints with a single scan. Viruses, spyware, keystroke loggers, Trojans and rootkits are identified using signatures, behavior blockers and heuristic analysis.

SandBlast Agent Threat Forensics identifies and mitigates threats before significant damage is done by monitoring files and the registry for suspicious processes and network activity.

Check Point Endpoint Anti-Bot prevents damage at the endpoint by blocking bot communication to Command & Control (C&C) sites, securing sensitive information from being stolen or sent out of the organization.

The Check Point SandBlast Agent browser extension defends endpoints and web browsers with a complete set of real-time advanced browser and endpoint protection technologies, including Threat Emulation, Threat Extraction, Anti-Bot, Zero Phishing™ and Automated Incident Analysis.

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