# CHECK POINT THREAT PREVENTION SOLUTIONS

## PREVENT ADVANCED THREATS WITH MULTI-LAYERED PROTECTION

## Product Benefits

- Prevent threats with a comprehensive packages of integrated protection capabilities
- ThreatCloud™ provides real-time security intelligence
- Complete protection against advanced zero day threats with Threat Emulation and Threat Extraction
- Identify and prevent malicious files from being downloaded from Web sites
- Post-infection defense and mitigation of bots
- Maximized protection through unified management, monitoring and reporting

## Product Features

- Reduce complexity and increase operational efficiency by consolidating multiple security functions into a single, integrated solution with unified policy management and threat monitoring
- Real-time updates against new threats deliver the latest protection to your gateways to corporate data and resources
- Inspect files in virtual sandbox to protect against unknown malware
- Reconstruct files with known safe elements to eliminate infected files from entering your network
- Gain critical visibility into your security posture with a unified central console that enables you to monitor, analyze, report Internet traffic and activity to prevent damage to corporate data and resources

Attackers are becoming more creative in how they reach corporate resources and exposing security threats. Businesses not only need to worry about network attacks, but also attacks directed at end users' computers, such as viruses, bots and drive-by-downloads. Left unchecked, any of these threats can increase risk to your business or your data.

Modern malware is evolving at an extremely rapid pace. In fact, a new malware is created nearly every second. Due to the dynamic landscape of ever-growing malware variants, traditional antivirus solutions are becoming less effective, unable to detect and block the unknown malware before it can infiltrate and compromise an organization's network and systems, driving the need for a more comprehensive solution.

With these growing risks, companies need a more comprehensive solution, one that can defend not only against known malware but also stop malware that has never before been detected in a network, while also defending against downtime, data loss, productivity impact, and reputational risk. Working to constantly combat these emerging threats while reducing complexity and increasing operational efficiency may seem daunting, but the solution to this challenge is already available in the form of a comprehensive, integrated advanced threat prevention solution.

## OVERVIEW

Check Point Threat Prevention solutions deliver immediate protection and secure corporate resources by utilizing the most powerful combination of security capabilities, including:

- ThreatCloud™ for real-time security intelligence and global collaboration
- Complete protection against advanced zero day threats with Threat Emulation and Threat Extraction
- NSS Recommended IPS to proactively prevent intrusions
- Antivirus to identify and block malware
- Anti-bot to detect and prevent bot damage
- Anti-Spam to protect an organization's messaging infrastructure
- Application Control to prevent high-risk application use
- URL Filtering to prevent access to websites hosting malware
- Identity Awareness to define policies for user and groups
- Unified Policy that covers all web, applications, users and machines
- Logging and Status for proactive data analysis

April 6, 2015

Check Point's integrated Threat Prevention solutions protect enterprises from growing internet attacks using a single security gateway. A range of deployment options, from all-in-one appliance to add-on features and cloud-based service enable you to reduce complexity and choose the most effective means for adding advanced threat prevention to your network security infrastructure.

## THREAT PREVENTION CAPABILITIES

### Powered by ThreatCloud™

The ThreatCloud™ feeds security gateway software blades with real- time security intelligence gathered with the first collaborative network to fight cybercrime in order to identify and prevent emerging outbreaks.

### ThreatCloud™ Emulation Service

Check Point ThreatCloud™ Emulation Service prevents infections from undiscovered exploits zero-day and targeted attacks. This innovative solution quickly inspects files and runs them in a virtual sandbox to discover malicious behavior. Discovered malware is prevented from entering the network.

### Threat Extraction

Check Point Threat Extraction provides protection from infected documents by reconstructing files with known safe elements. Exploitable content, including active content and various forms of embedded objects, are extracted out of the reconstructed file to eliminate any potential threats and provide zero malware documents in zero seconds.

### IPS

The IPS Software Blade delivers complete and proactive intrusion prevention—all with the deployment and management advantages of a unified and extensible next-generation firewall solution. Complementing Check Point's firewall protection, IPS software blade further secures your network by inspecting packets traversing through the gateway. It offers full-featured IPS with geo-protections and is constantly updated with new defenses against emerging threats.

### Antivirus

Stop incoming malicious files at the gateway before the user is affected with real-time virus signatures and anomaly- based protections from ThreatCloud™. Identify over 12 million malware signatures and over 1 million malicious websites with a constantly-updated worldwide network of sensors that provide ongoing malware intelligence.

### Anti-Bot

Detects bot-infected machines, prevents bot damages by blocking bot cybercriminal's Command and Control center communications, and is continually updated from ThreatCloud™.

### Firewall

Secure access to the network with an NSS Labs Recommended Next Generation Firewall.

### Anti-Spam & Email Security

The Check Point Anti-Spam & Email Security Software Blade provides a multidimensional approach to protect the messaging infrastructure, providing highly accurate anti-spam coverage and defending an organization from a wide variety of virus and malware threats delivered within email.

### Application Control

Check Point Application Control provides the industry's strongest application security and identity control to organizations of all sizes. It enables IT teams to easily create granular policies-based on users or groups – to identify, block or limit usage of over 5,000 Web 2.0 applications and 200,000 widgets.

### 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.

### Identity Awareness

Provides granular visibility of users, groups and machines, enabling unmatched application and access control through the creation of accurate, identity-based policies.

### 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.

### Integrated Security Management

Unified security management simplifies the monumental task of managing growing threats, devices and users. Check Point's comprehensive, centralized security management system controls all Check Point gateways and Software Blades from SmartDashboard, an intuitive graphical user interface. Add the SIEM product SmartEvent to quickly identify critical security events, stop threats directly from the event screen and add protections on-the-fly to remediate attacks.

### Add Functionality When You Need It

With a Threat Prevention Appliance customers can add additional software functionality as security needs increase. For example to prevent data loss, enable the Data Loss Prevention Software Blade.