



Complete Protection for Cloud Email & Productivity Suites

MAIN BENEFITS:

Complete protection - all the email & productivity suite security you need

Bulletproof security – we catch what everyone else misses

Best TCO - a single, efficient and cost-effective solution for email and productivity suites

MAIN CAPABILITIES:

Anti-Phishing: block the most sophisticated phishing attacks such as impersonation and Business Email Compromise (BEC)

Malware protection: thwart evasive malware and provide sanitized files within seconds

Prevent data leak: set custom policies to keep data safe and maintain compliance

Prevent Account Takeover: block suspicious logins using patent-pending technology

SECURE OFFICE 365 & GOOGLE WORKSPACE APPLICATIONS:



Harmony
Email & Office



CLOUD MAILBOXES ARE YOUR WEAKEST LINK

Over 90% of attacks against organizations start from a malicious email. Since email attacks usually involve the human factor, your Office 365 and G Suite environments are your organization's weakest link. Closing this security gap requires protections from various threat vectors: phishing, malware, data theft and account-takeover. This might force you to choose between the security level you need to what you can actually afford and efficiently manage.

SO WHAT TYPE OF DAMAGE CAN A MALICIOUS EMAIL DO?

One small example includes a 2019 attack on a Toyota parts supplier where attackers convinced the accounts payable team to electronically transfer \$37M to the criminals' account.

HOW IT WORKS

All the email & productivity suite security you need

a. Block sophisticated social engineering attacks such as impersonation, zero-day phishing and Business Email Compromise (BEC) using AI-trained engines

Built-in security is not enough to stop advanced phishing attacks such as BEC that involve meticulous social engineering techniques designed to deceive and manipulate end-users. Harmony Email & Office deploys as the last line of defense and secures inbound, outbound, and internal emails from phishing attacks that evade platform-provided security. The solution inspects the communication's metadata, attachments, links and language, as well as all historical communications, in order to determine prior trust relations between the sender and receiver, increasing the likelihood of identifying user impersonation or fraudulent messages. It also inspects internal communication in real time in order to prevent lateral attacks.

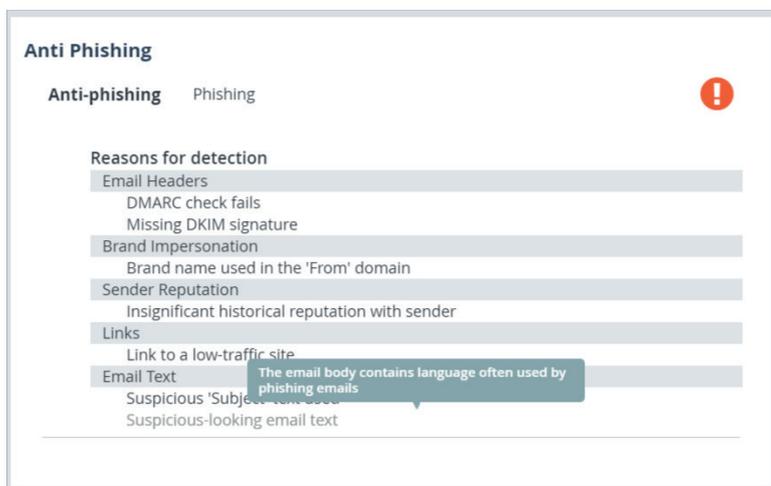


Figure 1: Phishing email drill-down view

b. Block malicious attachments before they reach users' mailboxes, without impacting business productivity

Harmony Email & Office uses Check Point's SandBlast technology, recognized by the NSS Labs as 'most effective in breach prevention'*, and includes:

- Threat emulation - evasion-resistant CPU-level sandbox that blocks first-time seen malware and keeps you protected from the most advanced cyber threats
- Proactive Threat Extraction - cleans files and eliminates potential threats to promptly deliver a safe file version to users in under 2 seconds

Threat Extraction maintains uninterrupted business flow, while the sandbox continues in the background. Threat Extraction eliminates unacceptable delays created by traditional threat emulation, while instantly cleaning files of any active content, with the industry's only fully integrated document and image sanitization solution.

c. Protect sensitive business data and maintain regulatory compliance with advanced data leak prevention (DLP)

Harmony Email & Office detects sensitive data sharing via email and other productivity applications and immediately limits data exposure. It enables you to enforce a data leakage policy based on your company needs, with hundreds of predefined and custom data types. When an employee shares data through their email or other productivity suite applications, Harmony Email & Office examines the subject, body, and attachments, and in an event of sensitive data sharing such as credit card details or competitive information, the communication is blocked or "unshared" to prevent data leaks.

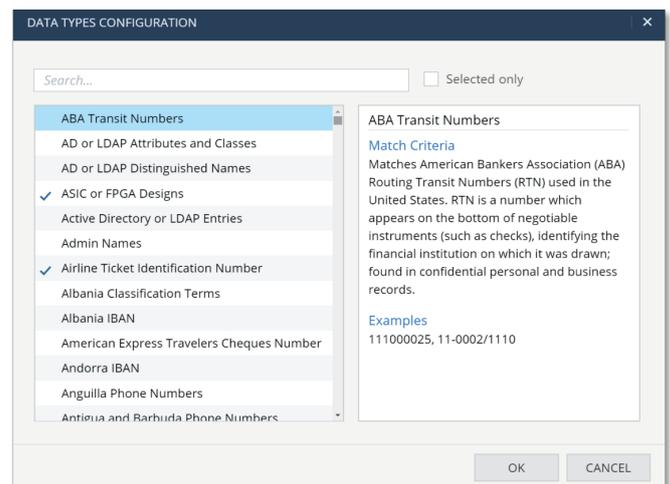


Figure 2: DLP data types

d. Prevent advanced account takeover attacks by augmenting authentication processes

Harmony Email & Office uses a patent-pending technology to prevent unauthorized users and compromised devices from accessing your cloud email or productivity suite applications, thus mitigating the risk of an account takeover attack. Harmony Email & Office intercepts attackers using machine-learning algorithms, which analyze user behavior and feed off sources like mobile and endpoint on-device detection of OS exploits, malware and network attacks, SaaS native APIs, and Check Point's ThreatCloud.

Harmony Email & Office provides additional data into the identity provider's authentication process, so suspicious logins (e.g.: seen in two different locations, bad IP reputation) are immediately denied and blocked. Harmony Email & Office Identity Protection is transparent to users and does not require their involvement.

Harmony Email & Office Identity Protection works in two modes – agent and agentless.

*NSS Labs report: <https://www.nsslabs.com/tested-technologies/advanced-endpoint-protection/>

Bulletproof security – catches what everyone else misses

a. Inline API-based protection for inbound, outbound and internal email communication

API-based integration allows Harmony Email & Office to scan outbound and internal communication in real time to prevent lateral attacks within the organization and data leakage. In addition, its architecture does not require any MX record changes that expose the solution to attackers, making it invisible. Harmony Email & Office deploys as the last line of defense and uses Artificial Intelligence (AI) to train on what the built-in security misses, thus providing multi-layered defense.

b. Part of Check Point Infinity, a consolidated security architecture, and powered by the world's most powerful threat intelligence

Harmony Email & Office is a part of a consolidated security architecture that delivers consistent security across networks, clouds, endpoints, mobile devices, and IoT; powered by ThreatCloud, the world's largest threat Intelligence database.

c. The only email security solution tested and proven to have the industry's best malware catch rate (99.91%) by the NSS labs

Harmony Email & Office leverages the SandBlast technology, recognized by NSS Labs as 'most effective in breach prevention', with 100% block rate and the highest score in evasion testing - providing a multi-layered protection.

Lowest TCO

a. Deploy in minutes and see results within hours, including retroactive scanning for existing malicious emails

Harmony Email & Office auto-deployment is a 3-step process that takes minutes, and enables security admins to deploy instantly and starts catching malicious activity immediately. When it is deployed, the solution performs a retroactive scan to find existing threats in your organization, ensuring maximal security posture from the get-go.

b. A single license for both email and productivity apps with all security functionality included

Harmony Email & Office provides all security functionality for both cloud email and productivity applications in a single license, alleviating purchasing and management overhead and providing organizations with an all-encompassing solution in a one-stop-shop, reducing overall TCO.

c. Monitor one simple dashboard with actionable insights and reporting

Harmony Email & Office provides granular visibility into security events, all from one simple dashboard for all security functionality. By providing actionable insights and reporting, it reduces management overhead and improves productivity.

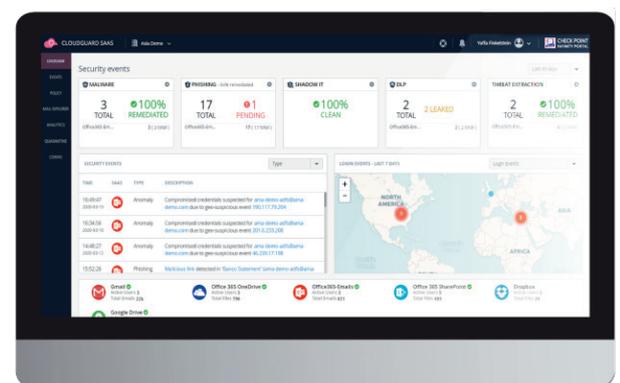


Figure 3: The CloudGuard SaaS dashboard

SUMMARY

Email is the first link in a chain of attacks, and with the rise of remote work, the use of cloud mailboxes and productivity applications increases exponentially. Harmony Email & Office provides organizations with complete protection that is constantly adapting and evolving to the ever-changing threat landscape, while providing security admins with an easy-to-deploy and manage platform, lowering TCO and strengthening security posture.

Start a 30-day free trial of Harmony Email & Office:
<https://portal.checkpoint.com/register/cloudguardsaas/trial>

