PERCEPTION POINT

Advanced Security for Microsoft 365 Cloud Applications

360-degree advanced threat protection for content-based attacks that target Microsoft cloud application users

Highlights.

Unparalleled proven detection rates

Best detection and lowest false negative rates in the market, for complete protection with no overhead.

100% of content scanned in real-time

Auto dynamic scanning of all files & URLs upon upload, to intercept all advanced threats before they reach the end user.

Holistic view of all channels

A single, consolidated view of all incidents + real-time alerts and forensics and not limited to Microsoft applications.

Easy to use, intuitive solution

Easy to operate and manage, no long manuals.

24/7 incident response service included

All-included Incident response serves as a force multiplier to the SOC team.

Cloud-native speed and scale

Dynamically scans every piece of content at an average of 10 seconds, regardless of scale allowing your business to run seamlessly.

Plug-n-play solution

Fast and easy deployment, no network changes required.

Privacy & Compliance

SOC2 compliant. No data stored on our servers.

www.perception-point.io
info@perception-point.io

The Need to Augment Microsoft 365 Security

As Microsoft continues to improve organizational agility and simplify the management of corporate applications, the adoption of Microsoft cloud products continues to grow. However, leveraging cloud-based applications comes with its share of challenges. Employees, customers and suppliers are now accessing the organization's resources remotely and perimeter security offers little to no protection. It is therefore crucial to protect any entry point into the organization through which attacks can penetrate. While Microsoft cloud products do come with native built-in security features, they do have inherent limitations and are not sufficient to protect against today's and tomorrow's evolving threats.

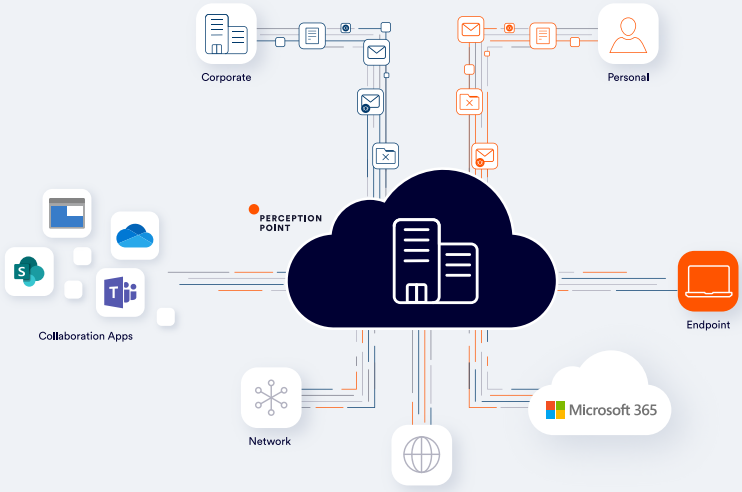
Organizations need to evaluate their exposure to threats and add sufficient protection against attacks leveraging content, such as text, files and URLs.

> **Microsoft Defender for Microsoft 365 (MSDO) offers a wide set of email security capabilities, but due to the rise in business email compromises, account takeovers and other sophisticated attacks, many times some malicious emails are actually missed by MSDO, and in fact by any other email gateway solutions. Therefore, organizations should strongly consider integrating third-party solutions to strengthen their email security capabilities.**
>
> *Gartner Email Security in Microsoft 365, October 2020*

OUR SOLUTION:

Holistic Protection for Your Microsoft-Empowered Organization

Whether it is Exchange Online, cloud storage applications such as OneDrive or SharePoint, enterprise communication through MS Teams, or Microsoft Azure Blob Storage – Perception Point has got you covered with a single solution protecting your Microsoft cloud channels.



$4.3M Savings in SOC expenses

is what a US based 200K employee company can save in just 3 years with Perception Point

6,488K

Incidents detected by Perception Point in just one week, deployed on top of Microsoft Defender for Microsoft 365

The solution provides the fastest and most accurate next-generation detection and response to any content-borne attack, such as phishing, BEC, spam, malware, Zero-days, ATO, and other advanced attacks well before they reach end-users. A unified dashboard provides a holistic view for all scans and incidents, and a single location for policy setting and incident management for all protected channels.

With a plug-n-play deployment and an all-included incident response service, IT and security professionals benefit from zero management overhead, reducing the required amount of resources, while receiving the best advanced threat detection for their organization, at the speed required to support their business processes.

Why you should augment your Microsoft Security with Perception Point

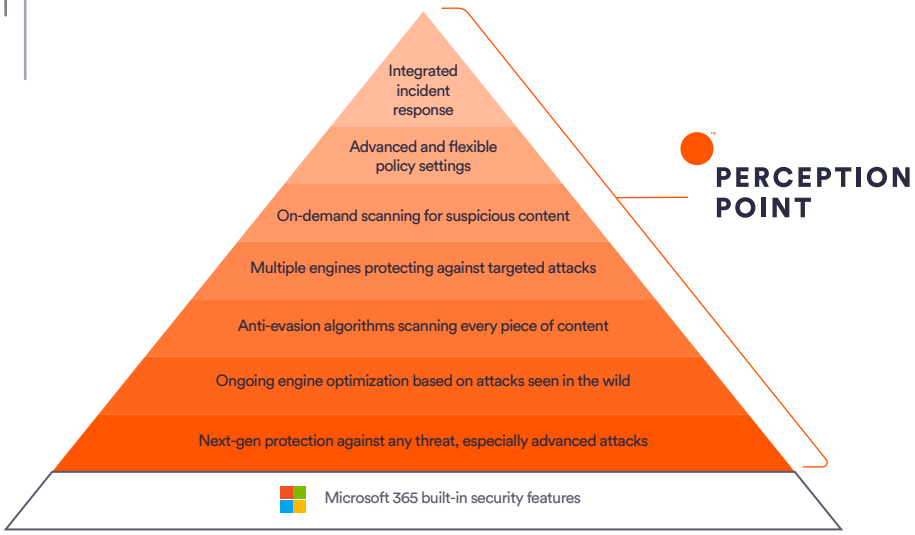


*Figure 1. **Perception Point's added value on top of Microsoft 365 built-in security features***

Unlike other solutions, Perception Point lets you take advantage of Microsoft's built-in security and augments missing features to provide increased protection against all attack types, including complex attacks and evasion techniques — intercepting them before they reach the end-user. It also simplifies management, with flexible policy settings that enhance Microsoft capabilities and built-in engine optimization and incident response integrated into the service.

Advanced Email Security for Microsoft 365

Perception Point deploys on top of Microsoft 365 email service, strengthening the built-in security layer, Exchange Online Protection (EOP), and either augmenting or replacing Microsoft Defender for Microsoft 365 (formerly Microsoft ATP).

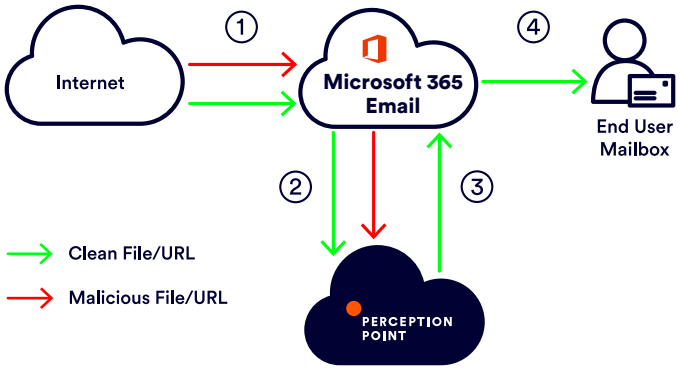


Figure 2: Data flow when deploying Perception Point's solution with Microsoft 365

Below are key benefits when Perception Point is deployed with Microsoft 365:

1

Overcoming Microsoft Security Limitations

Microsoft's content security suffers from limitations including limited BEC protection, incomplete scanning of embedded files and URLs, limited threat intelligence, basic ability to create policy configurations, cumbersome management resulting in a lot of manual work, and limited support, training and ongoing assistance. Perception Point's solution removes these limitations, significantly reducing management & operation effort and vastly improving detection rates, all with the speed and scale of the cloud.

2

Interception of Malicious Emails Before they Reach the Inbox

Unlike most API solutions that connect with Microsoft 365 email, Perception Point's solution supports pre-delivery scanning, so emails are scanned before arriving at the user's inbox (rather than scanned in the background and pulled retroactively in case they are malicious).

3

Long-Term Detection Efficacy with an All-included Incident Response Service

An all-included integrated incident response service, at no additional cost, serves as an extension of the customer's SOC team, reviewing every incident, remediating if necessary, and constantly performing engine optimization, making sure the efficacy of the detection is only growing, unlike many similar solutions that deteriorate over time.

4

Easy to Evaluate & Deploy - Lower Risks and Lower Costs

And last but not least, replacing a secured email gateway (SEG) solution, allows for a clear evaluation of the augmentation benefits of the solution, on top of Microsoft's security. The plug-n-play deployment requires only a few steps and doesn't mandate network changes. The next-gen solution is less costly and lowers the costs of manual labor.

For example, a US based company with over 200K employees can save up to $4.3M from SOC expenses in just 3 years with Perception Point.

Perception Point has allowed our team to feel at ease when it comes to OneDrive and SharePoint. There is no solution like Perception Point when it comes to offering true threat prevention for these channels."

(Director of Information Security, consumer goods Fortune 500 company)

Advanced Collaboration Security for OneDrive, SharePoint, Teams and Azure Blob Storage

Collaboration channels, used for sharing content and data internally and externally, are a blind spot for organizations – they are exposed to similar types of attacks as email, but in many cases are wrongfully considered safe, or simply overlooked by IT and security professionals. The built-in protections are far from being sufficient in providing the required level of protection against malicious agents, who continuously search for the easiest and least secured entry point into the organization.

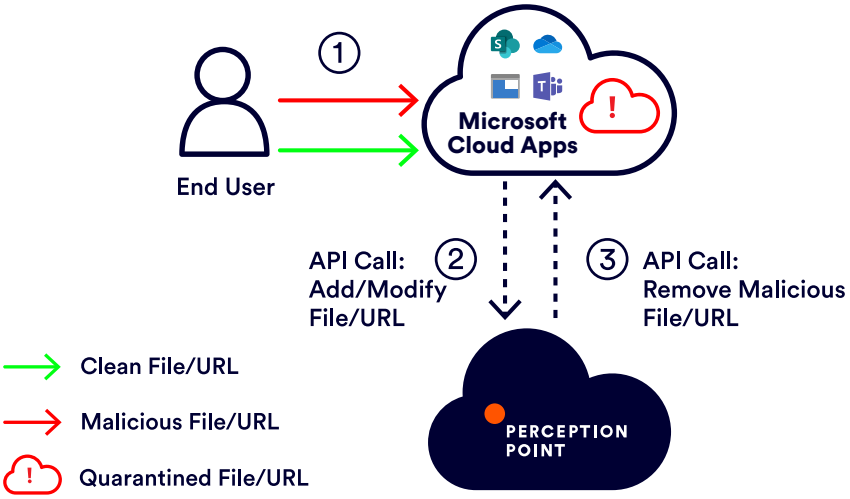


Figure 3: Data flow when deploying Perception Point's solution with Microsoft cloud apps

Next-Gen Protection for All Enterprise Cloud Applications with a Single Solution

Perception Point holistically protects OneDrive, SharePoint, Teams and Azure Blob Storage, against any content-borne threat, similar to email. Additionally, Perception Point's solution extends to many other channels such as Slack, Box, AWS S3 and many more. One solution provides advanced threat protection for every enterprise cloud application — unlike Microsoft security — which addresses only Microsoft products. This allows organizations to consolidate multiple solutions and reduce management overhead.

Unified Visibility and Advanced Threat Management across the Organization

A unified intuitive and simple to use dashboard, provides easy incident management and remediation for all channels, as well as visibility for management into the status of the attacks, at any given time. The solution also allows to easily extend existing policies from the email domain to other channels, reducing overhead of new configurations and setup.

Dynamically Scanning Every Piece of Content in an Average of 10 Seconds

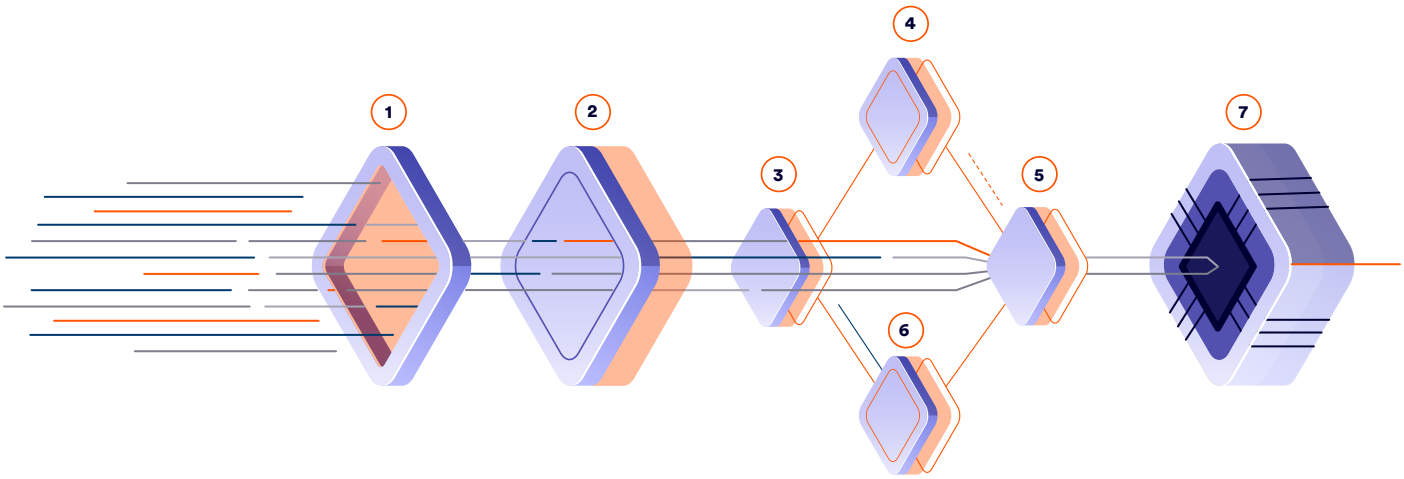
Perception Point augments Microsoft's built-in protections, significantly enhancing detection rates using its patented, best protection engines. Unlike Microsoft, the solution dynamically scans every piece of content that is sent — text, files or URLs, all with an unprecedented 10 seconds average scan time required to maintain user experience and business communication in cloud applications, that are by nature, used for fast communication.

Reduced Cloud Storage Security Risks —With OneDrive and Azure Blob Storage Protection

Cloud storage applications, such as OneDrive and Azure Blob Storage, are highly exposed to attacks, given their nature of storing different types of uploaded content from internal and external users which are accessed by employees. In addition to the real-time advanced threat protection of these channels, Perception Point allows advanced monitoring into these apps to help eliminate abuse of resources, and archive sanitization, i.e. scanning & removal of historical malicious content.

Unprecedented Advanced Threat Detection with Perception Point's Multi-Layered Platform

Perception Point's platform provides unprecedented cyber threat detection, intercepting any content-borne cyber-attack entering the organization, with the speed, scale, and flexibility of the cloud. Leveraging patented dynamic and static technologies that rapidly run on all files, URLs, and free text, the platform dynamically scans 100% of content through its different engines, with an average of 10 seconds per scan, providing the lowest false positive and false negative rates available in the market.



1

Spam Filter (Email Only)

Receives the email and applies reputation and anti-spam filters to quickly flag an email as malicious.

2

Recursive Unpacker

Unpacks the content into smaller units (files and URLs) to identify hidden malicious attacks, extracting embedded URLs and files recursively by unpacking files and following URLs. All of the extracted components go separately through the next security layers.

3

Threat Intelligence

Combines multiple threat intelligence sources with our internally developed engine that scans URLs and files in the wild to warn about potential or current attacks.

4

Phishing Engines

Combines best-in-class URL reputation engines and an in-house image analysis engine to identify impersonation techniques and phishing attacks.

5

Static Signatures

Combines best-in-class signature based antivirus engines together with proprietary technology to identify highly complicated signatures.

6

BEC

Prevention of payload-less attacks that don't necessarily include malicious files/URLs, e.g. spoofing, look-alike domain, display name deception.

7

HAP™ (Hardware-assisted Platform)

Next-gen sandbox proprietary engine that is composed of software algorithms using CPU-level data to access the entire execution flow, right from the processor, to deterministically intercept any type of advanced attack on both Windows and macOS environments. This layer provides unprecedented detection against malicious code execution in scripts and executable files, zero-day and N-day vulnerabilities, logical bugs, next-gen exploitations, ATO and more.

About Perception Point

Perception Point is a Prevention-as-a-Service company for the fastest and most accurate next-generation detection and response to any content-borne attack across email and all cloud collaboration channels, including cloud storage, cloud apps, and APIs for proprietary applications. The solution's natively integrated incident response service acts as a force multiplier to the SOC team, reducing management overhead, improving user experience and delivering continuous insights; providing proven best protection for all organizations.

Deployed in minutes, with no change to the enterprise's infrastructure, the patented, cloud-native and easy-to-use service replaces cumbersome legacy systems to prevent phishing, BEC, spam, malware, Zero-days, ATO, and other advanced attacks well before they reach end-users. Fortune 500 enterprises and organizations across the globe are preventing content-borne attacks across their email and cloud collaboration channels with Perception Point.

To learn more about Perception Point, visit our website, or follow us on Linkedin, Facebook, and Twitter.

© 2022 Perception Point. All rights reserved.

Visit us: www.perception-point.io
Contact us: info@perception-point.io

PERCEPTION POINT