

Perception Point Web Security Solution

Advanced Browser Security lets users access the web without exposing enterprise data to risk

Highlights

Contain suspicious web content

Threats are isolated to a local and highly secured Chrome/Edge browser, safely enabling full web access

Protect enterprise web content

Enterprise apps are accessed via a highly secured and trusted Chrome/Edge browser

Detect malicious/phishing websites

Via advanced cross-channel detection engines

Detect malicious downloads

Every download is dynamically scanned in depth to prevent ransomware and APT attacks

Unmatched detection speed

40x faster detection, scanning files within ~10 seconds on average

Unmatched detection accuracy

Lowest false positive & false negative rates for sites/downloads, with built-in anti-evasion

24x7 managed incident response

A dedicated IR team investigates every incident

Instant deployment

Deployed via a browser extension or a light local agent on PC/Mac

THE BROWSER:

A Top Attack Vector that is Insufficiently Protected

Digitization, hybrid work models, and a shift to SaaS and web-based applications have made the browser a target for attackers that are using malicious websites and file downloads to breach organizations. Furthermore, malicious insiders and 3rd parties can easily extract data from web-based enterprise apps that lack the necessary security controls.

Using secure web gateways (SWG) to tunnel and inspect all web traffic (both personal and corporate) doesn't provide full browser visibility, and is increasingly expensive and impractical - especially in the hybrid work era. SWGs impact the user experience, add latency, and sometimes falsely block users from getting their jobs done. Other alternatives like VDI or RBI can dramatically increase cost and further degrade the experience.

You can now secure your native Chrome or Edge browser, without additional latency, while supporting full compatibility with the web and Microsoft/Google ecosystems. At the same time, you can significantly augment the security offered by your native browsers, including more accurate and earlier detection of malicious sites and files, DLP, isolation, and remediation or threats for both external and internal threat actors.

OUR SOLUTION:

Isolation and Multi-Layered Threat Prevention Secure Your Native Chrome and Edge Browsers to Protect Your Organization

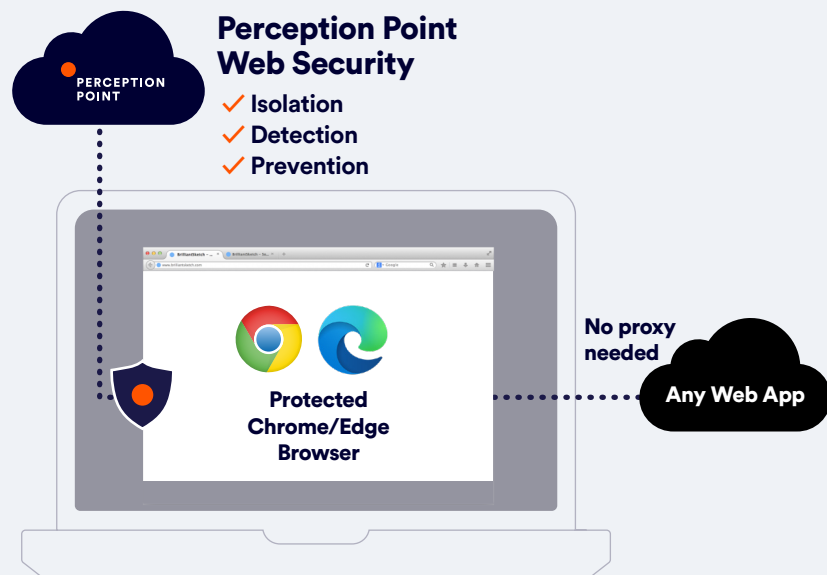
Perception Point Advanced Browser Security ensures that access to dangerous web content is protected by adding multi-layered prevention and isolation technology to standard browsers.

These browser security controls can also protect access to sensitive enterprise web apps on 3rd party endpoints or to isolate privileged web apps on internet-exposed corporate endpoints, preventing data loss by design.

One-Stop-Shop for Isolation, Detection and Remediation for Advanced Threat Prevention

Multi-layered dynamic detection capabilities instantly block access to malicious/phishing websites and to malicious file downloads preventing ransomware and APT attacks. When combined with Perception Point's email security, cloud-collaboration protection, and 24/7 managed Incident Response service, you can rest assured that you're completely covered across all user-centric attack vectors and the evolving landscape of threats. Multiple static and dynamic detection engines have visibility into threats across the organization's attack vectors and use this wide context to prevent and rapidly remediate attacks whether they start in the user's browser, email, or any other collaboration/file storage app.

Perception Point Advanced Browser Security is easy to deploy, either via a browser extension (for threat prevention capabilities only) or via a light agent adding VM-based isolation to Chrome/Edge on Windows or Mac. The solution is cloud-managed and compliant with SOC2 and ISO27001.

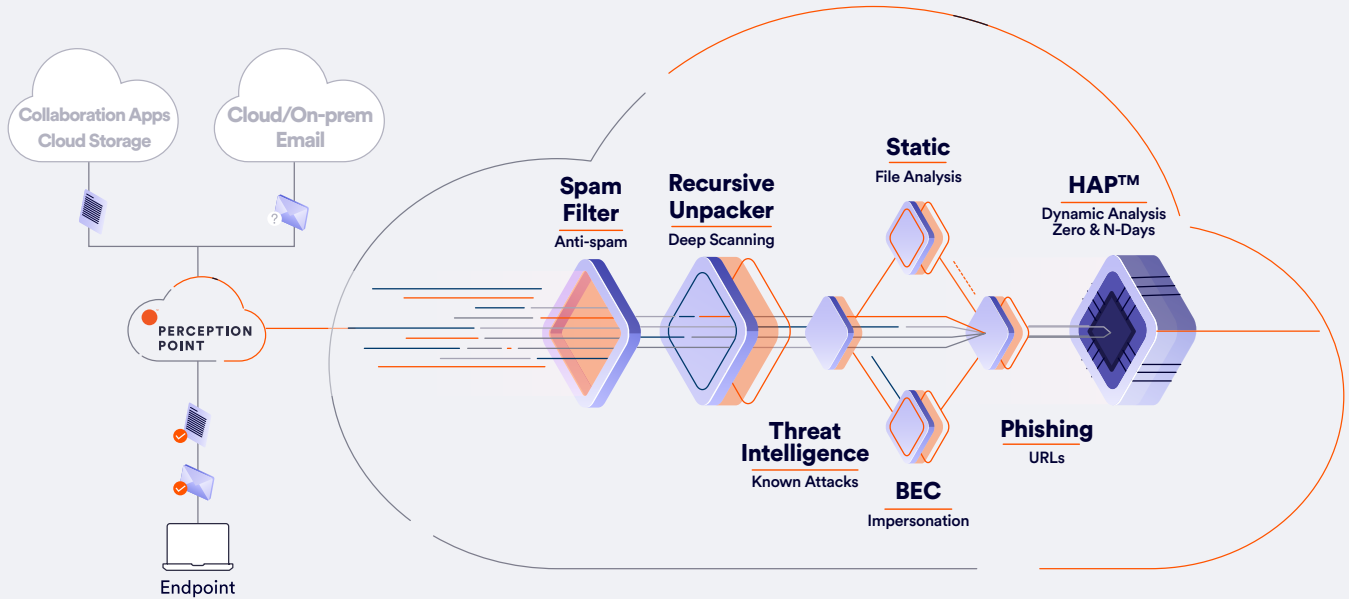


Perception Point Web Security

	Advanced Browser Security - Extension	Advanced Browser Security - Light Agent	Advanced Browser Security - Free
Malicious website detection/prevention	✓	✓	
Malicious download detection/prevention	✓	✓	
Anti-evasion and multi-layer dynamic scanning technology	✓	✓	
A dedicated 24x7 incident response service	✓	✓	
Full enterprise support	✓	✓	
VM-based browser isolation powered by Hysolate™		✓	✓
Automatic website redirection		✓	✓
A standard local Chrome or Edge experience	✓	✓	✓
Isolate risky websites/files		✓	✓
Isolate sensitive websites/files		✓	
Cloud-based enterprise manageability	✓	✓	
Fine-grained clipboard policy		✓	
Fine-grained network policy		✓	
Per-group policy management	✓	✓	
SSO & SAML support	✓	✓	
User & device inventory	✓	✓	
SIEM integration	✓	✓	
Role-based access control (RBAC)	✓	✓	

Protect Your Organization with Unprecedented Advanced Threat Detection

Perception Point is a pioneer in advanced threat detection. Our platform recursively unpacks every piece of content and rapidly scans all text, files and URLs with multiple advanced detection engines. The different engines leverage state of the art detection algorithms using computer vision, machine learning, and various dynamic and static methods, to intercept every type of threat, from commodity attacks to advanced threats.



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.

Save up to 75% of SOC Time with Integrated Incident Response

Perception Point's team of cyber experts serves as an extension of your SOC team, combining automated algorithms and human-driven analysis for the ongoing protection of your organization. The 24x7 threat response service is designed within the platform, at no additional cost, to help organizations support ongoing management and operation activities, make sure the solution is always optimized and up-to-date, and ultimately decrease the costs and risk of exposure to threats.



About Perception Point

Perception Point is a Prevention-as-a-Service company for the fastest and most accurate next-generation isolation, detection, and remediation of all threats across an organization's main attack vectors - email, web browsers, and cloud collaboration apps. The solution's natively integrated and fully managed incident response service acts as a force multiplier to SOC teams, 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 attacks across their email, web browsers, and cloud collaboration channels with Perception Point.

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