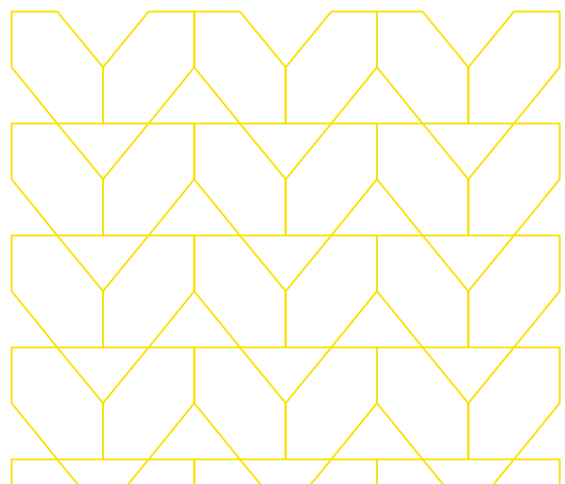
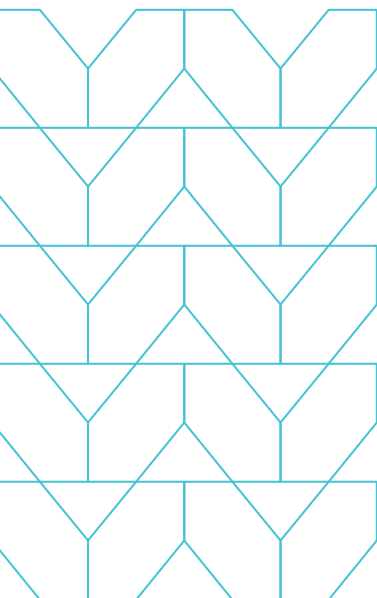


Defend against ransomware

Protect the enterprise against evasive ransomware and malicious files by securing your most critical enterprise asset: the browser.



Defend against ransomware



The rise of ransomware has been fueled by its growing profitability for cybercriminals, an expanding browser attack surface, and the ongoing evolution of evasive ransomware techniques. More than 70% of internet-born attacks with ransomware or malware origins are traced back to categorized websites. Traditional web security does not stop these attacks. Ransomware has evolved from a single ransom demand to more pervasive and destructive attacks such as double extortion tactics. Increasingly, attackers pressure victims to make a second payoff by threatening to release stolen data. The economic and reputational impacts of these ransomware attacks are only growing more damaging. As hybrid work and browser work become the norm for email, knowledge-work tasks, and enterprise workflows, ransomware poses a challenge that security teams must address.

Ransomware payments reached a record \$1.1 billion paid out in 2023¹, the highest amount of

record and close to double the \$567 million in payouts in 2022. Menlo Security rids the browser attack surface of evasive malware and ransomware by focusing on prevention rather than detection.

Over the last 12 months, browser-based attacks surged by more than 198%. 70% of these attacks with malware² origins, including ransomware were traced back to known, categorized or trusted websites. The Menlo Secure Cloud Browser executes all active content in the cloud and delivers only clean, safe content and files to the endpoint.

81% of organizations were affected by ransomware³ in some capacity over the past 12 months, and 48% of those that were impacted ended up paying a ransom. Menlo Security provides comprehensive protection against the latest ransomware attacks, empowering users to work without worry.

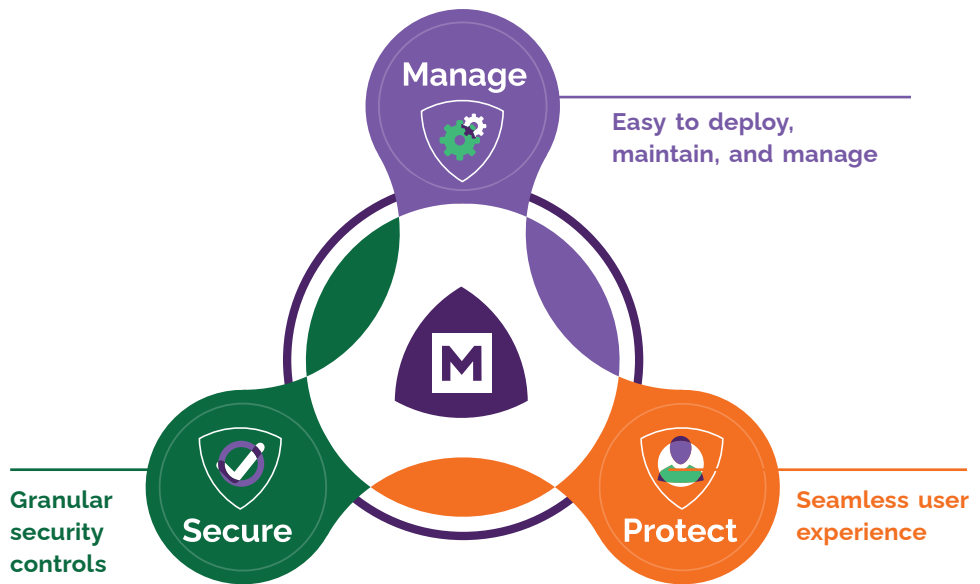
¹ Source: <https://siliconangle.com/2024/02/07/ransomware-payments-reach-record-1-1b-2023-chainanalysis-report-reveals>

² Source: <https://resources.menlosecurity.com/reports/state-of-browser-security-defending-browsers-against-zero-hour-phishing-attacks>

³ Source: <https://spycloud.com/resource/2023-ransomware-defense-report/>

Menlo Security brings modern protection to ransomware defense

Most browsers operate without the necessary protection from cyber threats, exposing users to browser-based attacks. Menlo Security provides comprehensive browser security to any browser and every device, protecting users against evasive ransomware and malicious files.



The Menlo Secure Cloud Browser gives security teams the visibility and control they need to protect against ransomware—including cloud content inspection and a file handling engine, safe cloud document and archive viewer, remote browser isolation, and zero-day protection. This approach gives administrators the ability to execute each web request inside the Menlo Secure Cloud Browser and prevent any malicious code or activity from ever reaching the endpoint. Policies can be applied based on user, group, file type, website category, or cloud application to determine when content is blocked, rendered to the local browser in read-only mode, or when the original content should be made accessible. The Secure Cloud Browser defends against threats and applies policy controls with unmatched performance and scale.



Patch Buffer with Zero-Touch Code Protection

The Menlo Secure Enterprise Browser solution minimizes the window of exposure by executing all content away from the endpoint and inside the Secure Cloud Browser, protecting browsers and endpoints prior to patch release. This approach ensures customers are fully protected from ransomware infection and zero-day exploits. The Menlo Secure Cloud Browser prevents any malicious dynamic content from ever reaching the endpoint, such as javascript or smuggled code, preventing them from exploiting vulnerabilities in the browser.

Local Browser O-Day Exploit



Chrome / Edge / Firefox / Etc.

Secure Cloud O-Day Exploit



Chrome / Edge / Firefox / Etc.

Multi-Layered Content Inspection and File Handling Engine

The Menlo Secure Cloud Browser provides a transparent and interactive browsing experience across all browsers and devices, with full support for native browser features and password managers. Rather than a local browser accessing websites directly, each web request from the user executes inside the Menlo Secure Cloud Browser. The Menlo Secure Cloud Browser inspects password protected files, provides malware analysis for documents, and converts files into safe PDFs by applying anti-virus, file-hash look up, cloud sandboxing, and file handling policies. Only safe, clean content is delivered and rendered in the user's local

browser. Menlo Security HEAT Shield also provides additional inline AI-powered protection inside the browser - analyzing each web session in real-time to identify and stop highly evasive threats. This approach prevents any malicious activity or payload from ever reaching the endpoint.

Content Inspection
Settings for handling virus and malware analysis for downloaded documents or files. These settings will be used by the Web Policy.

Plugins

SERVICE NAME	DESCRIPTION	
File Hash Check	Multi-Engine Hash Check for Virus	<input checked="" type="checkbox"/>
Full File Scan	Anti-Virus Scan	<input checked="" type="checkbox"/>
SandBox Inspection	Cloud-Based SandBox Inspection	<input checked="" type="checkbox"/>

Integrations

SERVICE NAME	DESCRIPTION	
WildFire Analysis	WildFire Malware Analysis	<input checked="" type="checkbox"/>
Menlo File REST API	Menlo File REST API Server Integration	<input checked="" type="checkbox"/>

File Download Actions

Block or allow downloads from selected sites differently from non-selected sites.

Default File Rules

FILE TYPE	EXTENSIONS	ACTION
<input type="checkbox"/> Windows Executable	*.exe, *.dll, *.msi, *.ocx, *.application, *.gadget, *.cab, *.hta, *.img	Block
<input type="checkbox"/> Linux Executable	*.rpm, *.deb	Block
<input type="checkbox"/> Mac Executable	*.dmg, *.pkg, *.app	Block
<input type="checkbox"/> Text based script files	*.js, *.php, *.py, *.pl, *.sh, *.bash, *.csh, *.perl, *.pl, *.php3, *.php4, *.php5, *.perl6, *.perl7, *.perl8, *.perl9, *.perl10, *.perl11, *.perl12, *.perl13, *.perl14, *.perl15, *.perl16, *.perl17, *.perl18, *.perl19, *.perl20, *.perl21, *.perl22, *.perl23, *.perl24, *.perl25, *.perl26, *.perl27, *.perl28, *.perl29, *.perl30, *.perl31, *.perl32, *.perl33, *.perl34, *.perl35, *.perl36, *.perl37, *.perl38, *.perl39, *.perl40, *.perl41, *.perl42, *.perl43, *.perl44, *.perl45, *.perl46, *.perl47, *.perl48, *.perl49, *.perl50, *.perl51, *.perl52, *.perl53, *.perl54, *.perl55, *.perl56, *.perl57, *.perl58, *.perl59, *.perl60, *.perl61, *.perl62, *.perl63, *.perl64, *.perl65, *.perl66, *.perl67, *.perl68, *.perl69, *.perl70, *.perl71, *.perl72, *.perl73, *.perl74, *.perl75, *.perl76, *.perl77, *.perl78, *.perl79, *.perl80, *.perl81, *.perl82, *.perl83, *.perl84, *.perl85, *.perl86, *.perl87, *.perl88, *.perl89, *.perl90, *.perl91, *.perl92, *.perl93, *.perl94, *.perl95, *.perl96, *.perl97, *.perl98, *.perl99, *.perl100	Block
<input type="checkbox"/> JAR	*.jar, *.war, *.ear	Block
<input type="checkbox"/> Android Executable	*.apk, *.dex	Block
<input type="checkbox"/> PowerShell		Allow
<input type="checkbox"/> Audio files	*.mp3, *.mp4, *.wav, *.aiff	Allow
<input type="checkbox"/> Video files	*.mp4, *.mpg, *.mpeg, *.wmv, *.avi	Allow
<input type="checkbox"/> Microsoft Access	*.accdb, *.mdb	Allow
<input type="checkbox"/> Flash Content	*.swf, *.flv	Block
<input type="checkbox"/> Calendar Files	*.ics	Allow

ANTI-VIRUS

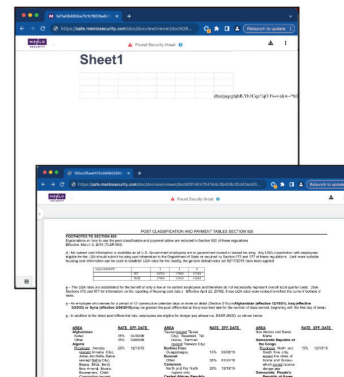
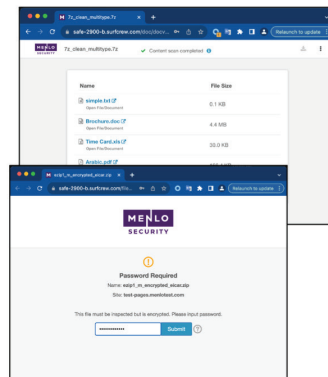
FILE HASH

SANDBOX

FILE POLICY

Secure cloud document and archive viewer

The Menlo Secure Cloud Browser allows users to open and view any document safely in our secure document and archive viewer without the need to download files to the endpoint. This provides comprehensive protection against malicious payloads downloaded through the browser. The secure cloud document and archive viewer provides safe viewing and inspection of document and archive content, including nested and password protected archives, without them ever touching the endpoint. IT teams can choose to grant users the ability to download the original file or convert documents to safe PDFs stripped of any active content.





Protect against ransomware and enable users to navigate freely without fear

Safeguarding organizational assets and preserving business continuity demands a robust ransomware solution. Cyber threats are evolving and cyber defenses need a proactive and preventative approach to detecting and stopping ransomware attacks. Menlo Security has pioneered an approach that controls how information enters and exits the browser, and your network, on any device. By using the Secure Enterprise Browser solution by Menlo, organizations can reduce the browser attack surface and mitigate the risks associated with ransomware and double extortion tactics, ensuring the integrity of their data, the resilience of their operations, and the trust of their stakeholders.

To learn more about securing the ways people work, visit menlosecurity.com or email us at ask@menlosecurity.com.

Benefits



Focus on prevention over detection to rid the browser attack surface of evasive ransomware and malicious files



Utilize best-in-class enterprise browser security to keep threats off the endpoint without impacting end user performance



Provide complete visibility and comprehensive protection inside the browser, empowering users to navigate freely and without fear.



To find out more, contact us:

menlosecurity.com

(650) 695-0695

ask@menlosecurity.com



About Menlo Security

Menlo Security eliminates evasive threats and protects productivity with the Menlo Secure Cloud Browser. Menlo delivers on the promise of cloud-based security—enabling Zero Trust access that is simple to deploy. The Menlo Secure Cloud Browser prevents attacks and makes cyber defenses invisible to end users while they work online, reducing the operational burden on security teams.

Menlo protects your users and secures access to applications, providing a complete enterprise browser solution. With Menlo, you can deploy browser security policies in a single click, secure SaaS and private application access, and protect enterprise data down to the last mile. Secure your digital transformation with trusted and proven cyber defenses, on any browser.

Work without worry and move business forward with Menlo Security.

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