

Check Point & Menlo Security

Today's IT security teams are challenged like never before to keep organizations safe from data breaches. On one hand users, applications and data are all on the move, unleashed from their traditional on-premises safe havens. And on the other hand, the threat landscape is increasingly insidious, with well-organized and well-funded cyber criminals executing attacks that become more sophisticated every day. The dynamic nature of the threat landscape is driving



IT security professionals to deploy highly adaptive security infrastructure, the centerpiece of which is the next generation firewall (NGFW).

Check Point customers understand the need for adaptive security. This is why they deploy Check Point NGFWs for their data centers and Check Point vSEC Virtual Gateways for public and private clouds. These feature multiple technologies—tightly integrated within a single appliance—to control network access, detect sophisticated attacks and provide additional security capabilities such as data loss prevention, protection from web-based threats and protection of mobile devices. These enterprise network security solutions, which protect against the latest cyber attacks, become even more versatile and effective when integrated with key third party security technologies, such as threat isolation, which can help defeat threats early in the cyber kill chain.

Isolation inserts a secure, trusted execution environment, or isolation platform, between the user and potential sources of attacks. By executing sessions away from the endpoint and delivering only safe rendering information to devices, users are protected from malware and malicious activity. Menlo Security is delivering on the promise of isolation with the Menlo Security Isolation Platform (MSIP).

Menlo Security Isolation Platform (MSIP)

The Menlo Security Isolation Platform (MSIP) is used to protect user devices (e.g. desktops, laptops, tablets or smartphones) from web malware. Web requests are proxied via the MSIP, which retrieves the website on the user's behalf and executes the session completely in Disposable Virtual Containers (DVCs). Only safe, malware-free rendering information is sent to the endpoint, eliminating the possibility of malware reaching the user's device. By leveraging patent-pending virtualization and Adaptive Clientless Rendering™ (ACR) technologies, MSIP delivers isolation security without compromising end user experience.



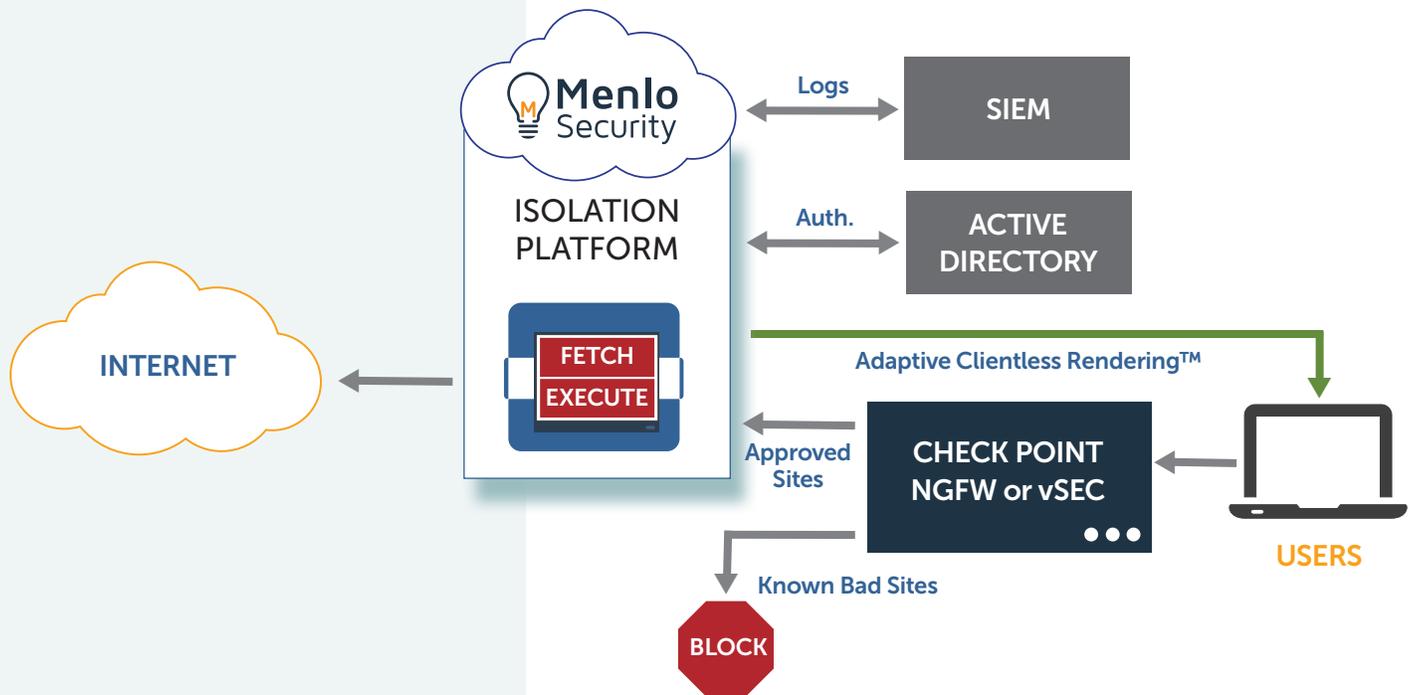
About Menlo Security

Menlo Security is making it safe to click with isolation, protecting organizations from cyber attack by eliminating the threat of malware from web and email.

Menlo Security is trusted by some of the world's largest enterprises, including Fortune 500 companies and financial services institutions. The company was founded by security industry veterans, in collaboration with acclaimed researchers from the University of California, Berkeley. Backed by General Catalyst, Sutter Hill Ventures and Osage University Partners, Menlo Security is headquartered in Menlo Park, California.

Integration Architecture

The MSIP can be deployed in the customer's data center as a virtual appliance—typically in the DMZ, or in the cloud. The security administrator can create a rule in the Check Point NGFW or vSEC controller to block unapproved websites and steer approved site traffic through the MSIP. When a web session is isolated, a new DVC is created for that session, and traffic from the DVC routes through the Check Point firewall on its way to the target website. Check Point can then analyze traffic for application visibility and security. The integration of the two products at the network layer enables Check Point customers to quickly and easily enable enterprise-wide deployment of isolation security without the need to deploy or manage additional endpoint software agents, dramatically reducing risks while opening up more of the web. Instead of blocking or just allowing categories of sites, Check Point administrators now have the ability to allow sites with isolation.



Next Steps

Check Point customers can easily try the Menlo Security Isolation Platform by steering some portion of their web traffic to Menlo Security's public cloud solution via a rule on the Check Point firewall.

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