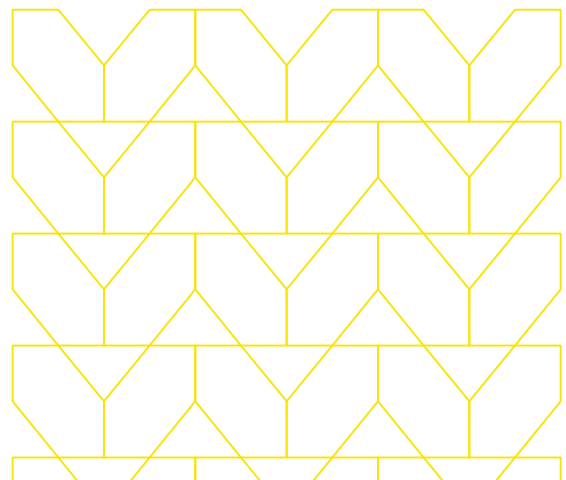




Top card issuer uses Internet isolation to narrow its attack vectors.

The Menlo Security Cloud Platform eliminates web-based attacks.



Case Study

Company

This top credit issuer offers reward credit cards, online banking, home equity loans, student loans, and personal loans for tens of millions of users around the world.

Challenges

Tracking down the unlimited threats on the Internet required too much time and too many resources.

Users were blocked from large swaths of the Internet, forcing them to file help-desk tickets to unblock sites.

Solution

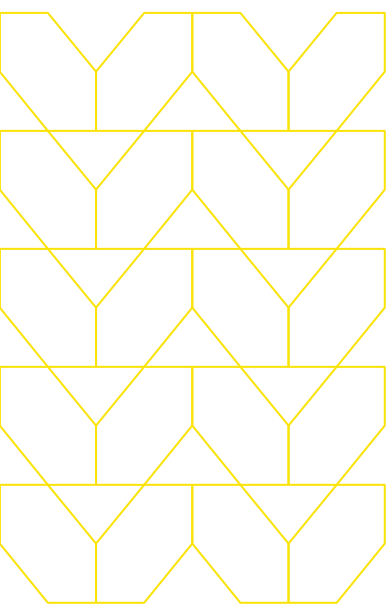
The Menlo Security Cloud Platform protects users from web-based threats such as drive-by exploits and watering-hole attacks.

Preserves the native web-browsing experience for users.

Allows the security team to focus on more strategic and proactive cybersecurity projects.



To hear the senior cybersecurity architect at a leading credit card issuer* tell it, the Internet is like the Wild West.



You never fully know what threats are out there, and, frankly, it's silly to think that you can anticipate what threat actors will do next. Given that perspective, he knew that the credit card issuer's existing approach needed to be augmented and additional tooling was necessary.

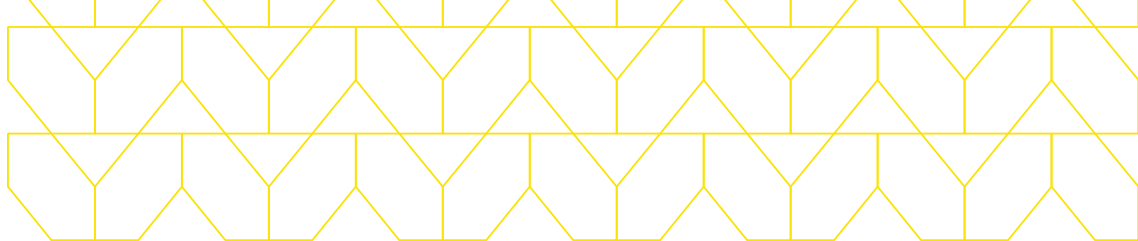
Unfortunately, the credit card issuer's existing security model was focused on using the traditional network security stack and detect-and-respond tactics. The solutions relied on blacklist and whitelist strategies to block or respond to risky activity. The problem was that the cybersecurity team couldn't block something that they didn't know existed. "Many attackers are leveraging otherwise legitimate sites and services to mask their activities, breaking both whitelist and blacklist approaches," stated the architect.

Given the constantly evolving attack surface, users were guaranteed to run into new and more sophisticated threats. A new way of thinking and a new approach was necessary to shift the power dynamic back in favor of the defender.

"We can't always know what an attacker is going to do. There are just too many possibilities, too many attack vectors. How are you going to stop these attacks? We needed to shift our mindset," the architect said.

Internet isolation proved to be the technology that the credit card issuer was searching for. Isolating all web content in a remote browser creates an "air gap" between the user and malicious content on the Internet—effectively shutting off access to endpoint devices.

**Because of confidentiality agreements, the names of personnel and the company remain anonymous in this case study.*



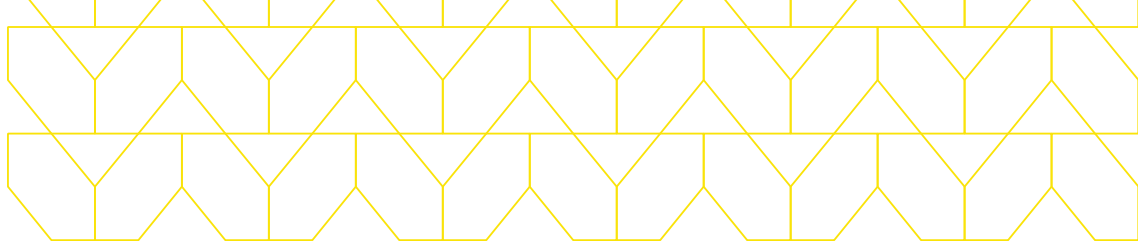
“Menlo takes care of all the unknown risks running rampant around the Internet, eliminating the need to cast a wide net to try to stop this infinite amount of attacks like drive-bys and watering-hole attacks.”

Senior Cybersecurity Architect

The need to preserve the native browsing experience was critical.

But the architect still had concerns. Moving web browsing off the endpoint could potentially create performance issues or change the way users access the web. He knew that preserving the native browsing experience was critical in getting buy-in from users. Otherwise, he feared that they wouldn't adopt the Internet isolation solution and would create workarounds that put the organization at risk.

Menlo Security alleviated his concerns. As a cloud-based solution, the Menlo Security Cloud Platform doesn't require clients or a special browser to be installed on each endpoint. Instead, it allows users to use the browser of their choice while preserving basic functionality such as copy, paste, and print. Now, thanks to the Menlo Security Cloud Platform, 22,000 employees around the world can browse the web with impunity while being protected from all web-based cybersecurity threats.



Menlo shifts the battleground.

By eliminating the threat of web-based malware attacks, Menlo Security allows the credit card issuer to shift from a reactive to a proactive security stance.

“Menlo takes care of all the unknown risks running rampant around the Internet, eliminating the need to cast a wide net to try to stop this infinite amount of attacks like drive-bys and watering-hole attacks. We just don’t have to worry about that anymore. We can narrow our focus to just a few things,” according to the architect.

As a result, Menlo Security has dramatically improved the credit card issuer’s security posture while reducing IT overhead. The senior cybersecurity architect knows that Menlo Security is protecting users and the company from any web-based attack they encounter on the Internet—and that’s worth its weight in gold.

Learn how you can eliminate web-based cyberattacks and dramatically decrease your attack vector. Visit menlosecurity.com or contact us at ask@menlosecurity.com.



To find out more, contact us:

menlosecurity.com

(650) 695-0695

ask@menlosecurity.com



About Menlo Security

Menlo Security enables organizations to eliminate threats and fully protect productivity with a one-of-a-kind, isolation-powered cloud security platform. It’s the only solution to deliver on the promise of cloud security—by providing the most secure Zero Trust approach to preventing malicious attacks; by making security invisible to end users while they work online; and by removing the operational burden for security teams. Now organizations can offer a safe online experience, empowering users to work without worry while they keep the business moving forward.