Ericom Shield for Secure Browsing

ERICOM

THE SAFEST WAY TO LET USERS BROWSE THE WEB

DATASHEET

Web-Borne Threats - A Growing Concern

Web browsing is an integral part of standard business operations. Yet, risky user browsing generates the majority of security breaches. While today's organizations already implement multiple cyber-security measures, the evolving threat landscape has massively grown in volume and sophistication. It is estimated that American companies spent over a billion dollars in 2016 in ransomware payments alone.

Current Browsing Security Approaches

Most organizations still focus their web security efforts on conventional detection and prevention such as firewall and secure web gateway products.
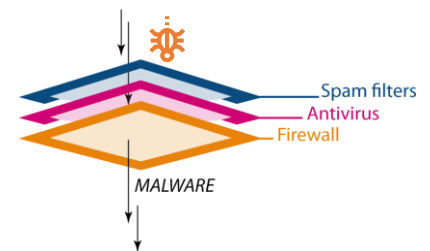
Given the diversity and sophistication of web-based threats, it is nearly impossible to distinguish between legitimate content and malware, especially in real time. However, the focus on solely detecting known threats has proven to be both costly and ineffective at protecting the organization from web-borne attacks (e.g., ransomware).

Additionally, even the most benign site may be hiding malicious code injected by cyber-criminals. A fresh approach is necessary to holistically address web security risks and to prevent all potential threats from ever reaching the network and endpoint in the first place.
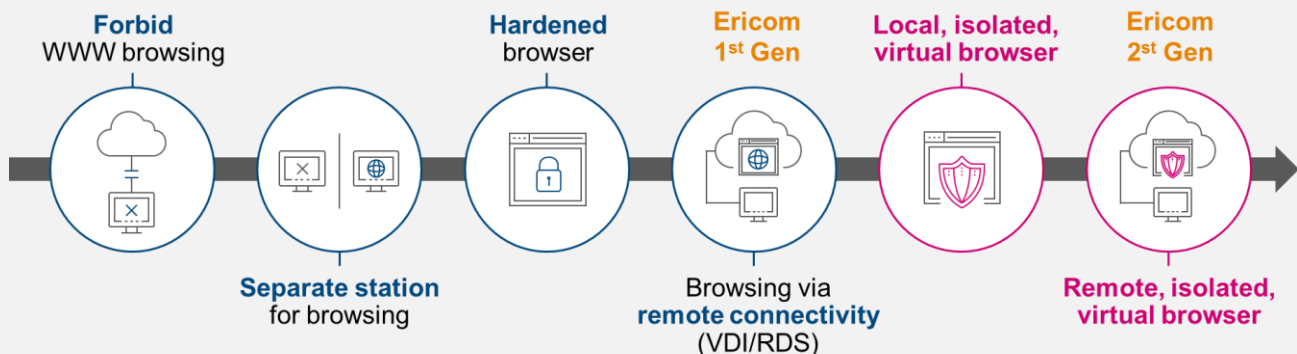
Ericom Shield Highlights

- *Shields the enterprise from web-borne threats*

- *Detours, contains and disposes of all risky content*

- *Provides a seamless and native browsing experience*

- *Increases productivity and enhances security portfolio effectiveness*

- *Adds a critical layer to any Defense-in-Depth strategy*

Security Strategy Vulnerability

Spam filters
Antivirus
Firewall

MALWARE

Browsing Security Evolution

Forbid WWW browsing

Separate station for browsing

Hardened browser

Ericom 1st Gen — Browsing via **remote connectivity** (VDI/RDS)

Local, isolated, virtual browser

Ericom 2st Gen — **Remote, isolated, virtual browser**

Ericom Shield - Next Generation Isolation

Ericom Shield is Ericom's next-generation remote browser isolation solution. Leveraging Ericom's proven virtualization and browsing technologies, Ericom Shield creates an isolated "safezone" that protects corporate networks and end-user devices from web-borne attacks. All active content is routed to a virtual remote browser and is safely isolated from the local network, reducing the attack surface to prevent malware breaches.

Ericom Shield - How it works

According to an organization's security policy, relevant browsing sessions are routed to Ericom Shield.

Users are able to securely browse the web from any device.

Each browsing session powers up a dedicated virtual browser that executes web browsing in an isolated and disposable container.

Web content is viewed as a visual representation streamed to the end user without executing any code on the endpoint.

While browsing, file downloads are sanitized in the background without impacting user experience or file functionality.

At the end of each session, the remote container is discharged.

Ericom Shield Benefits

- Provides a seamless user experience with zero installation on the endpoint
- Enables users to safely browse, email and download web content
- Prevents ransomware and other malicious cyber-attacks, including zero-day attacks
- Allows end users to safely work with sanitized documents and emails
- Grants users the freedom to use any operating system, browser and device
- Increases user and enterprise productivity while minimizing helpdesk overhead
- Gathers unique browsing data for post-event forensics
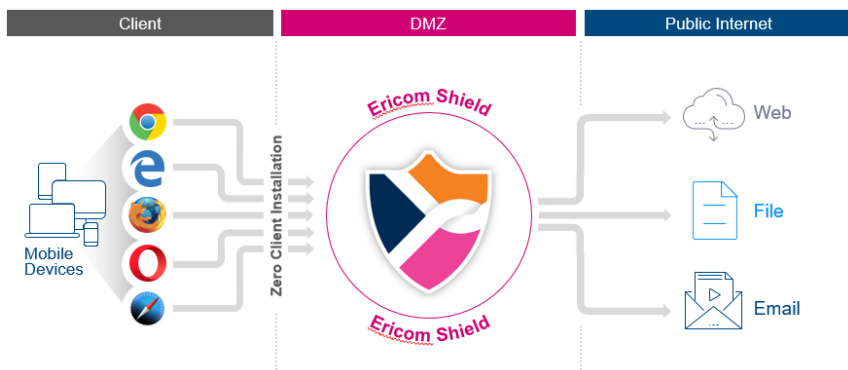
Ericom Shield - Browse with Confidence

Ericom Shield provides the critical elements needed for secure browsing: browser isolation for a native browsing experience and file sanitization for downloads and attachments. Ericom Shield is easy to deploy on premise, in the cloud or in a hybrid mode. Try it out today!

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