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Solution Brief

Ericom Shield Remote Browser Isolation for Citrix Virtual Desktops

Ericom Shield delivers remote browsing ensuring 100% of web-based malware is blocked from Citrix Virtual Desktops



Ericom Shield

Ericom Shield Remote Browser Isolation (RBI), available as a cloud service or as on-premises software, applies the zero-trust concept to user interactions outside an organization—specifically interactions with the web. The Ericom Shield zero trust browsing capability ensures that all web-based malware stays outside the corporate environment.

Introduction

When a user browses to a site or clicks a URL, Ericom Shield renders all website content in a virtual browser located in the cloud or safely on-premises. To keep interactions safe, Ericom Shield sends only safe rendering data to the browser in the virtual desktop, providing a fully interactive user experience. Websites launched from URLs in emails are rendered in read-only mode to prevent users from entering credentials for additional phishing protection. Attachments from websites are sanitized before downloading, ensuring that malware cannot compromise critical applications and files.

Ericom Shield complements Citrix's security approach effectively air-gapping Citrix Virtual Desktops from the Internet to eliminate the threat of malware entering corporate networks when users surf the web or click on malicious URLs embedded in phishing emails. The joint solution expands web access for users, while ensuring the organization remains protected and secured.

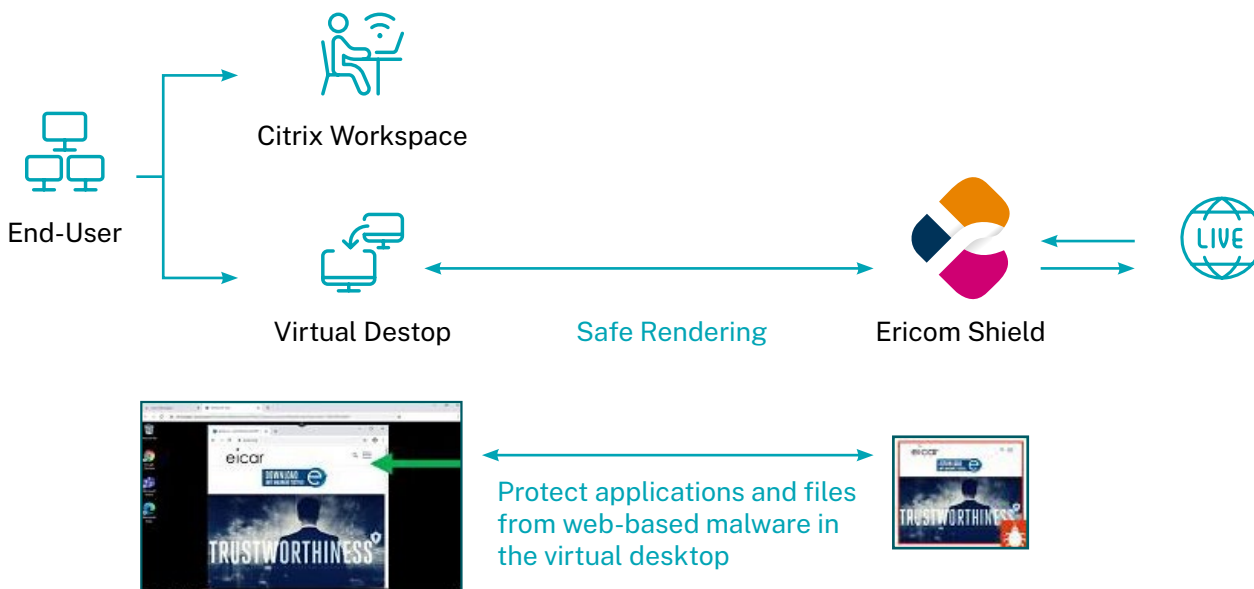
Ericom Shield Protects Against:

- Zero-Day Threats
- Malware
- Ransomware
- Phishing URLs
- Cryptojacking

Use Ericom Shield to:

- Protect the C-Suite/Privileged users being targeted by hackers
- Enable access to websites that represent elevated risk, like uncategorized sites or social media like LinkedIn, Gmail, and Twitter
- Stop phishing and credential theft
- Prevent data exfiltration by locking down user upload/download capabilities

Ericom Shield - Securing Citrix Access



Ericom Shield Features

Ericom Shield Remote Browser Isolation deploys a zero-trust browsing security concept to boost web security. The integration with Citrix Virtual Desktops eliminates the threat of malware entering corporate networks from user interactions with the web.

Secure Browsing

Ericom Shield renders websites in remote, isolated containers. Multiple rendering modes are available, such as pixel rendering or document object model (DOM) based rendering, to ensure that only safe information is sent from a website to Citrix environments. No dangerous content enters the network and users enjoy secure, seamless access to the sites they need to be productive.

Phishing Protection

For enhanced protection from credential theft and phishing attacks, the rendering information can be sent to Citrix Virtual Desktops in read-only mode, preventing users from entering sensitive data such as IDs and passwords. Ericom Shield also neutralizes any malware on a phishing site by rendering the site in a remote container, and only sending safe rendering information to the Citrix environment.

Document-borne Malware Protection

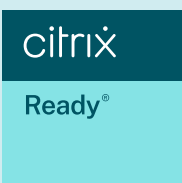
User can download the files they need from websites and emails, without fear of embedded malware making its way into the organization. Its content sanitization capabilities disarm embedded threats then reconstruct and deliver safe files, with native functionality intact.

Conclusion

Ericom Shield remote browser isolation (RBI) technology protects Citrix Virtual Desktops (XenDesktop) and Citrix XenApp applications and files from all web-based threats, bringing a Zero Trust security approach to web browsing, email links, and file downloads. Use it to air-gap Citrix Virtual Desktops from the dangers of the Internet.

For more information on Ericom Shield, visit the Citrix Ready Marketplace at: <https://citrixready.citrix.com/ericom-software-inc/ericom-shield.html>.





[Enterprise Sales](#)

North America | 800-424-8749

Worldwide | +1 408-790-8000

[Locations](#)

Corporate Headquarters | 851 Cypress Creek Road, Fort Lauderdale, FL 33309, United States

Silicon Valley | 4988 Great America Parkway, Santa Clara, CA 95054, United States

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