ContentKeeper Remote Browser Isolation (Powered by Ericom)

Virtual Internet Access that Protects Users from Cyber Threats

KEY FEATURES:

Segmentation: Provides an 'air gap' between the end user and risky web-content and applications

Simplicity: Seamless user experience with automatic invocation requires no end-user training

Compatibility: Fully supports web features like streaming audio and video, forms, and other online content

Integration: Integrates with ContentKeeper Secure Internet Gateway, enabling configuration through policy management

Scalability: Virtualization platform creates individual containers for every user and session

Security: Containers are destroyed upon exit, ensuring data privacy and protecting against malware infections

There are no known examples of endpoints being infected via an isolated website since this technology was introduced in 2017

New Cyber Security Threats Are Emerging Every Day

The threat of ransomware and other malware has become a fact of life for every user – and it's only getting worse, with ransomware alone growing more during 2021 than in the previous five years combined (Verizon DBIR 2022). Over 450,000 new malware strains and mutations are reported every day, with AV-TEST Institute tracking 1.35b malware strains.

Conventional security solutions can detect and block malware carried on websites, email and other vectors – but the speed at which new malware is being created means even the best-protected company can be compromised.

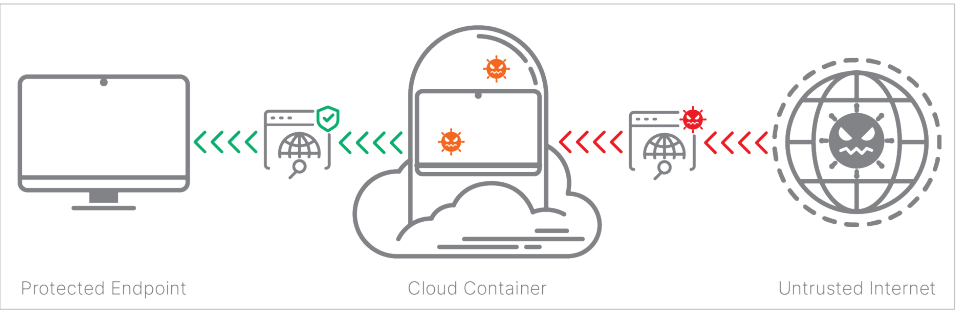
Once the malware gets into your network environment, vulnerabilities can be exploited to cause wide-ranging damage. Ransomware, for example, not only encrypts data until a ransom is paid but the corporate information stolen by hackers is also sold or published online increasing their profits.

How to Shield Your Employees from Attack

There is no perfect malware solution, and increased security often affects usability. ContentKeeper Remote Browser Isolation (RBI) provides advanced protection while maintaining high levels of interactivity and usability – neutralising threats by giving users a safe way to browse the Internet and use web applications. It seamlessly integrates with their workflow and requires no additional training to use.

How It Works:

- When a user browses a suspicious site, RBI executes the active-web content in a remote isolated container in the cloud.
- The end user is automatically and seamlessly redirected to their container through their normal web browser.
- Content is executed and vetted in the container, and a stripped-down, safe version of the site is passed on to the end user's browser.
- Active content and risky scripts are entirely removed while functionality and interactivity are preserved.
- Files for download are scanned and vetted before being allowed or blocked.
- At the end of the session, the container is discarded preventing access to personal data and ensuring any malware on the site will not reach the user's device.
- High risk or highly secure endpoints and users can be licensed and configured to isolate all web traffic.



Schedule a Demo at ContentKeeper.com

The technology is particularly suitable for high-security environments such as IT security teams, that must regularly analyze potentially infected websites and content.

It's also invaluable when employees have privileged access to sensitive documents or servers. Malware often exploits this access to spread laterally across a company's network after infecting an endpoint or stealing credentials.

By keeping risky websites isolated from the corporate network, RBI offers an innovative new form of protection against ransomware, advanced web-borne threats, and phishing attacks.

ContentKeeper Remote Browser Isolation (powered by Ericom) allows users to focus more on getting their work done, and less on worrying about compromising the business by browsing to a malicious site on their own or by reaching one by clicking on a URL embedded in a phishing email.

ContentKeeper

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