Ericom Remote Browser Isolation Cloud Service
Zero Trust protection from web-borne malware, credential theft and data exposure

Protect your business from web-borne dangers

Ericom Remote Browser Isolation (RBI) Cloud Service renders websites in remote, isolated containers in the cloud, delivering only safe rendering information to endpoint browsers. No active content from the web ever reaches the endpoint, yet users enjoy seamless, hassle-free and secure access to the sites that they need.

Boost Productivity by Expanding Web Access

Ericom Remote Browser Isolation provides safe access to the uncategorized URLs and newly registered domains that organizations typically block for fear of security threats. The service increases productivity by making web content and data available to the users who need it, without risk. For additional protection, all web-traffic of frequently-targeted users, like C-level execs, can be isolated.

Prevent Ransomware and Credential Theft with Phishing Protection

When it comes to phishing attacks, user training just isn't enough. Ericom RBI executes email-embedded URLs away from endpoints, in virtual browsers in the cloud, so no malware can execute on – or even reach -- endpoints. For extra protection from credential theft, safe rendering information can be delivered to endpoints in read-only mode, so users can't mistakenly enter IDs and passwords.

Protect Endpoints and Networks from Document-borne Malware

Let users download the files they need from websites and emails, without fear of downloading embedded malware as well. Ericom RBI content download capabilities disarm embedded threats then reconstruct and deliver safe files, with native functionality intact.
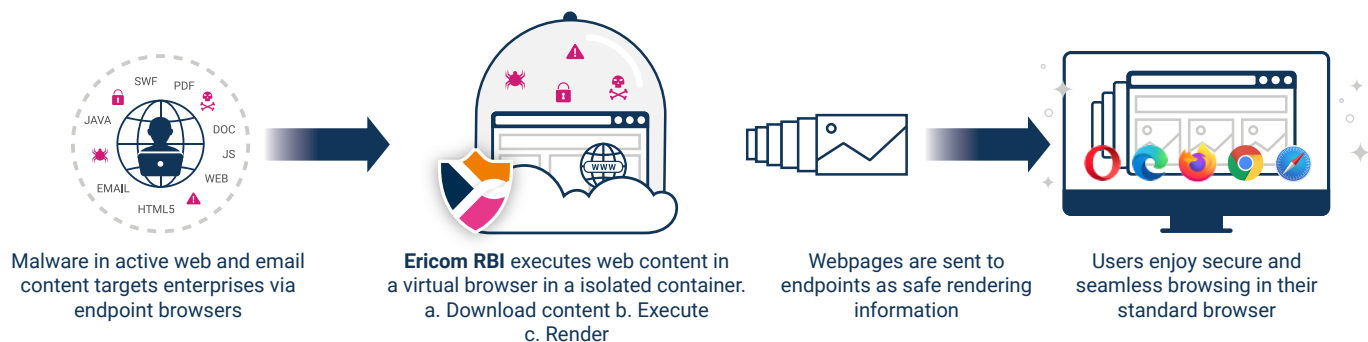
Guard Against Data Exposure

Prevent exposure of private data from SaaS and web applications, and stop sensitive internal resources from being exposed on endpoints. Ericom RBI policy-based controls selectively limit fields for inputting text on websites and uploads to cloud storage and social media sites, and they prevent screen-grabs and printing of browser tabs. Since no application data ever reaches endpoints, there's no browser-cached data that can be lost or stolen from unmanaged devices.

Ericom RBI Cloud Service

- Available via the Ericom Global Cloud, a multi-tenant global elastic cloud service

- Websites are rendered in isolated cloud-based containers, so no active content ever reaches endpoints

- Comprehensive activity reporting and logging

- Proxy and NGFW access - integrates with leading secure web gateways and firewalls

- Sensitive data from web and cloud apps is not stored in browser cache

- Policy-based control of website data sharing functionality (text input, file upload, printing and screenshots)

- Zero endpoint installation, with support for all browsers, devices and OS

- Embedded URL filtering with threat intelligence feeds

- Website category-based policy management

Ericom RBI Cloud Service

Malware in active web and email content targets enterprises via endpoint browsers

Ericom RBI executes web content in a virtual browser in a isolated container.
a. Download content b. Execute c. Render

Webpages are sent to endpoints as safe rendering information

Users enjoy secure and seamless browsing in their standard browser

Ericom RBI Cloud Service Improves Security While Reducing Cost and Complexity

- Neutralizes the most prevalent cyber attack vectors -- browsing & email

- Keeps employees productive by providing a secure, cost-effective native browsing experience

- Protects users from sophisticated social engineering, credential theft and phishing attacks

- Air-gaps browser-executable code, email links and downloads away from endpoints

- Stops browser-enabled exposure of sensitive data

- Opens each tab in a unique, disposable container to eliminate cross-site scripting attacks

- Simplifies IT operations by minimizing false positives and helpdesk calls

- Works with all browsers, devices and operating systems

- Flexibly scales as organizations need to add isolation to cover incremental users

What's Running in Your Browser?

Typical Unsecure Browsing		Ericom RBI Browsing Service	
Java Scripts	152	Java Scripts	4
CSS Scripts	3	CSS Scripts	0
External URLs	22	External URLs	0

Page Source with Unsecured Browsing

Page Source with **Ericom RBI**

V.16.1a

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