

EVERFOX

DATASHEET

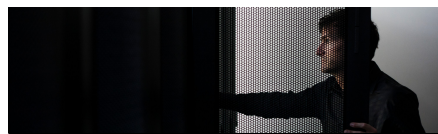
ULTRA Remote Browser Isolation (RBI)

Hardsec-Based Cloud Service
Providing a Preventative
Approach to Browser Security



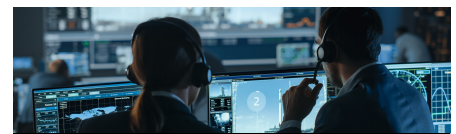
Secure

- Protects against known and novel threats with a physical protocol break
- Provides isolation of all web content
- Resilient to current and future cyber threats



Flexible

- Provides high performance at scale via dedicated per-user resources
- Deployment made easy in an as-a-Service cloud offering



Assured

- Certified and verified by NCSC and USG third-party assessments
- Backed by Everfox, a trusted high assurance cybersecurity mission partner

Everfox ULTRA provides government and commercial organizations with high-assurance protection against web and email threats, including zero-days.

From individuals with sensitive roles to organizations with high-risk missions to entire enterprises in need of protection, Everfox ULTRA provides peace of mind, combining a near-native browsing experience with trusted isolation from known and novel threats.



Protect teams working with sensitive data:

Threat actors target teams processing sensitive data. Third party links cannot be trusted and should be opened in a secure environment with DLP controls.



Operate in high-threat environments:

Investigation teams can easily navigate known malicious websites to conduct investigations without requiring expensive standalone infrastructure or specialist applications.



Protect high-risk individuals: Increase individual productivity by allowing access to untrusted content without the risk of compromise by redirecting users to Everfox ULTRA.



Protect personnel from phishing & malware threats: Full isolation of all untrusted web content helps to protect against the threat of malware while delivering a consistent, near-native browsing experience.

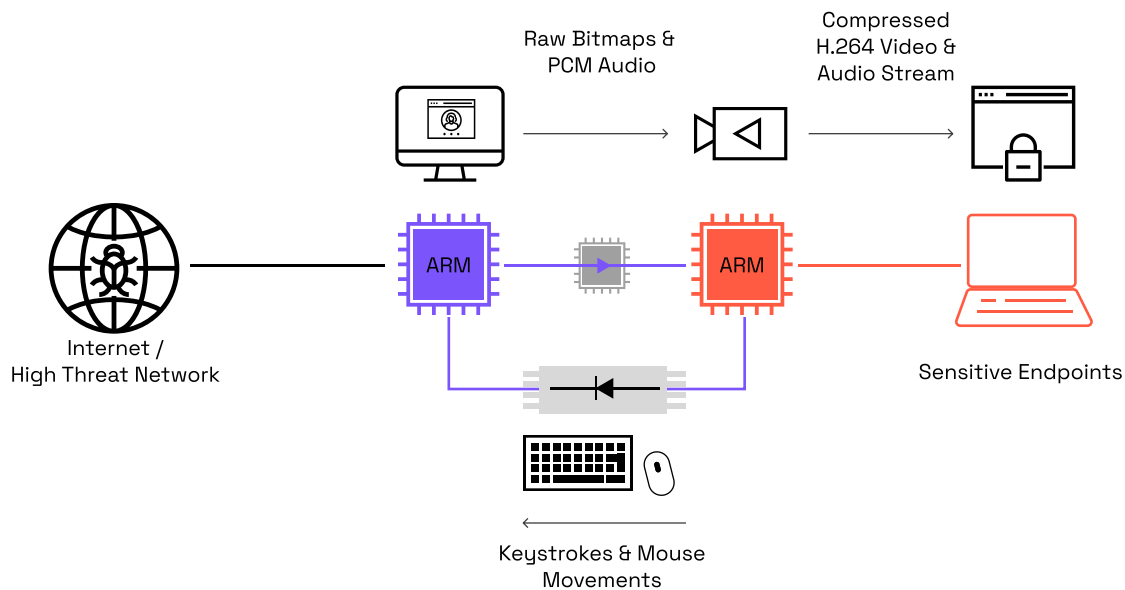
Silicon Assured Video Isolation (SAVI®) Technology

Transformation Method

Everfox ULTRA uses “pixel-pushing” technology to transform all web content into pixels and waveforms before transmitting it to the endpoint.

Full Isolation

ULTRA RBI does not apply any filtering to the content that is presented to it, regardless of file format or any threat intelligence related to the source URL.



Delivery Mechanism

Everfox ULTRA uses two physically distinct systems: one to process remote web content, and one to compress the content into an encrypted, interactive video stream for presentation to the end-user. By combining non-Turing digital logic (via FPGA silicon) to create one-way pathways for audio and video to the trusted system with rate-limited keystrokes and mouse movements to the assumed compromised system.

Everfox ULTRA delivers an immutable security control that mitigates the risk of compromise via software vulnerabilities or attacks on the management software.

“Strong cybersecurity requires that the threat elimination platform itself can be trusted...”

hardsec.com

Everfox ULTRA Product Tiers

Feature	Basic	Standard	PLUS
Hardware-Enforced Secure (Hardsec) Remote Browser Isolation	☒	☒	☒
Everfox Content Disarm and Reconstruction (CDR)		Optional Add-On	☒
Content Block Policy	Global Only	Configurable	Configurable
End User IP Allow Listing	☒	☒	☒
Data Loss Prevention (DLP) Copy/Paste	☒	☒	☒
Data Loss Prevention (DLP) Password Friction	☒	☒	☒
Configurable User Agreement	☒	☒	☒
Persistent User Profile & File Downloads		☒	☒
Low-to-High File Transfer	50MB Limit 5 Files Per User/Month	1GB Per File	5GB Per File
Low-to-High Hardsec Text/Image Transfer	☒	☒	☒
Low-to-High Hardsec PDF Transfer			☒
User & Group Policy Management		☒	☒
Administration Portal	☒	☒	☒
End User Single Sign-On (SSO)	☒	☒	☒
Enhanced HTTP Logs	☒	☒	☒
Supported on Chrome, Edge and Safari Browsers	☒	☒	☒
Mobile App Access (iOS/Android)			☒

ULTRA PLUS

ULTRA PLUS combines ULTRA RBI browser security with Everfox Content Disarm and Reconstruction (CDR) service to provide holistic malware protection from web-based threats and compromised files.

More details can be found in the ULTRA PLUS datasheet.

About Everfox

Everfox, formerly Forcepoint Federal, has been a trailblazer in defense-grade cybersecurity for more than two decades. Leading the way in delivering innovative, high-assurance solutions. But we're just getting started.