EVERFOX

Defense-Grade Web Isolation

Enabling Secure Internet Access for Privileged Users at SiXworks

SiXworks, a UK defence technology company, used Everfox RBI to give secure web access to high-risk users. The solution protected sensitive systems from malware and phishing while allowing teams to stay productive and meet strict defence security standards.

CUSTOMER PROFILE:
SiXworks, a leading provider of digital solutions in high security environments

INDUSTRY:
Defence

HQ COUNTRY:
United Kingdom

PRODUCTS:
Everfox Remote Browser Isolation (RBI)

Challenge

As a supplier to the UK defence industrial base (DIB), SiXworks faced a growing threat from sophisticated cyberattacks targeting Internet-facing services, often via the browser. To mitigate the growing malware and phishing threat, SiXworks strictly controls its employees' access to web resources, prevented Internet access entirely for users with privileged access and restricting access for individuals and teams that work with sensitive customer information.

→ Zero day browser exploits are increasing and advanced tools are now widely available to cybercriminals and surveillance vendors

→ SiXworks must secure its networks to the same high standard as its defense customers

→ Privileged users and those handling sensitive code are blocked from Internet access, limiting research and productivity

SiXworks required a browser isolation service that delivered fast and effective Internet access and provided the level of security assurance required to support individuals and teams working on mission critical systems.

Solution

SiXworks initially deployed Everfox ULTRA to its high-risk users, providing the only mechanism for privileged access users to access the Internet, which was previously not possible. When a user opens their native Edge browser and attempts to navigate to a website, SiXworks' proxy redirects the user to Everfox ULTRA, which immediately opens the site as an interactive video stream in a new browser pop-up window. The user can then safely navigate the Internet in the knowledge that their end point is fully isolated from the target website and any malicious web code that might reside there.

After enabling sanitized open Internet access for its most restricted users, SiXworks deployed Everfox ULTRA to their development teams working on mission critical systems. These teams are given some access to corporate and productivity sites through their native browser but are blocked from a large proportion of the Internet. Executives at SiXworks are considered high-risk targets for phishing attacks and have similar restrictions on open Internet access through their native browser. After implementing ULTRA, these users can now conduct technical research, travel planning, and other business-related functions from their SiXworks devices without fear of compromise.

For both developer and executive groups, the proxy is configured to automatically redirect blocked and uncategorised URLs to ULTRA, thus greatly reducing the risk of compromise from malware (including ransomware and spyware) or a successful phishing attack.

> SiXworks has made significant investment into making its corporate network as secure as possible, to maintain its integrity supplying software and other solutions into the defence sector. We have greatly reduced our attack surface using a blend of both traditional, formal techniques as well as innovative approaches. However, the way that we carry out our business on the internet has changed greatly with the rise in benefits and prevalence of SaaS applications.
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> This has made the browser more important than ever for managing our exposure, the browser is effectively the new OS. However, like other consumer focused technology, each new features can come with bugs, which gives us an ever-growing attack surface to manage.
>
> **We felt that the only way for us to mitigate these threats with the highest assurance was to implement a Hardsec based solution, and Everfox ULTRA was the answer for us**
>
> Jamie Grive,
> Chief Technology Officer | SiXworks

The Benefits

01

Implementing Everfox ULTRA dramatically reduces the web-based attack surface of SiXworks from code injections or phishing attempts.

02

SiXworks' end-customers are confident in the additional measures and introduction of Everfox ULTRA, which is the only RBI platform to provide hardware-enforced security that ensures full isolation.

03

Everfox ULTRA delivers a near-native browsing experience. This combined with SSO and proxy-redirection, delivered a seamless user experience and rapid adoption across high-risk users.

About SiXworks

SiXworks is a leading provider of secure digital solutions, specialising in digital experimentation and focused on fail-safe-fast cutting-edge technology solutions deployed in highly secure environments. We are unified in our mission to accelerate innovation and adoption of secure, digital technology to improve the operational agility of Defence and National Security.

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.