

ZERO-TRUST WEB PROTECTION

SOLUTION BRIEF



Zero-Trust Secure Browser



Zero-Trust Web Browsing



Remote Browser Isolation



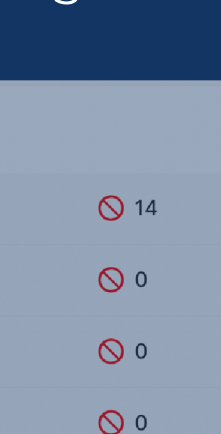
Zero-Trust File Protection



DNS Protection



Zero-Trust Credentials



Cyber Vigilance Training

1 Zero-Trust Web Browsing



Six Billion

More than 6 billion URLs and domains exist on the Internet.

50K domains

In average 50,000 new web sites are registered everyday.

DefensX gives you total control of filtering the web, and block the known phishing and malware sources.

| Webfilter Categories | | | | | | | | | |
|----------------------|-----|---|----|---|---|----------|--|--|--|
| Security (14) | 0 | 0 | 14 | 0 | 0 | Block | | | |
| Productivity (102) | 100 | 0 | 0 | 2 | 0 | No Act | | | |
| IT Resources (43) | 43 | 0 | 0 | 0 | 0 | Block | | | |
| Privacy (6) | 6 | 0 | 0 | 0 | 0 | Isolate | | | |
| Sensitive (36) | 0 | 0 | 36 | 0 | 0 | ReadOnly | | | |
| Misc (5) | 0 | 0 | 5 | 0 | 0 | Block | | | |

Action for Uncategorized URLs
Select an action when the requested URL is uncategorized. You can select 'Isolate' to make uncategorized URLs rendered in isolated browser (requires *RB/ add-on*) or 'ReadOnly' for rendering page as read only or you can select 'Block' to completely block the request.

ReadOnly

Block High and Medium Risk Web Sites

Read-only Access to Uncategorized Web Sites

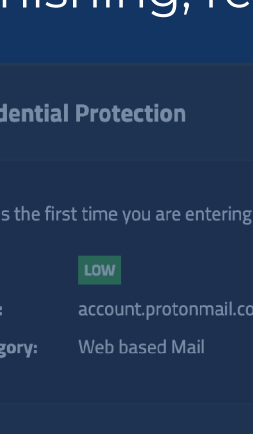
Allow Access to Known Low Risk Web Sites

Block or Allow access based on the URL Category such as *Block Gambling* or *Block Adult Content*.

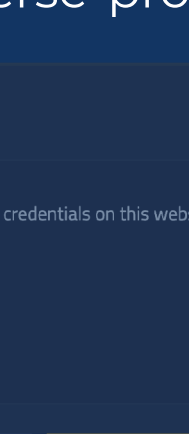
2 DNS Protection



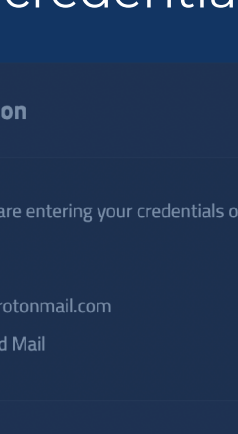
DNS filtering does not provide sufficient protection for the web, but it perfectly fits the applications accessing SaaS resources. DefensX gives you the option to add DNS protection on top of the Web Filtering within the same suite for the same cost.



Device



DNS Lookup



Internet URL

It is possible to enable DNS layer policies based on Web Filter rules and apply them on the endpoint with a single click.

3 Zero-Trust Credentials



DNS or Web filtering can block known phishing and scam web sources based on the domain threat intelligence. But the modern nature of Javascript and HTML5 gives enhanced tools for the attackers.

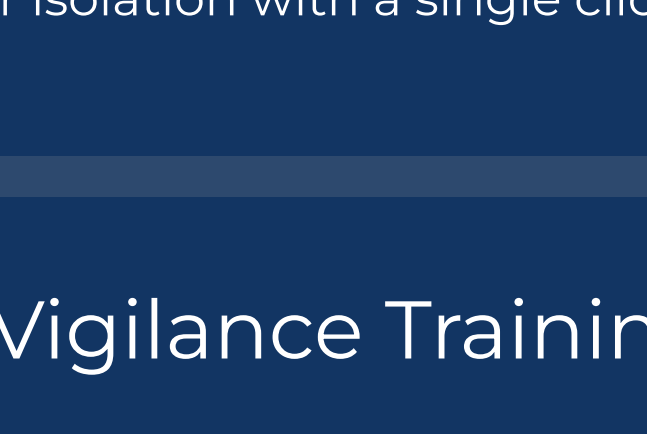
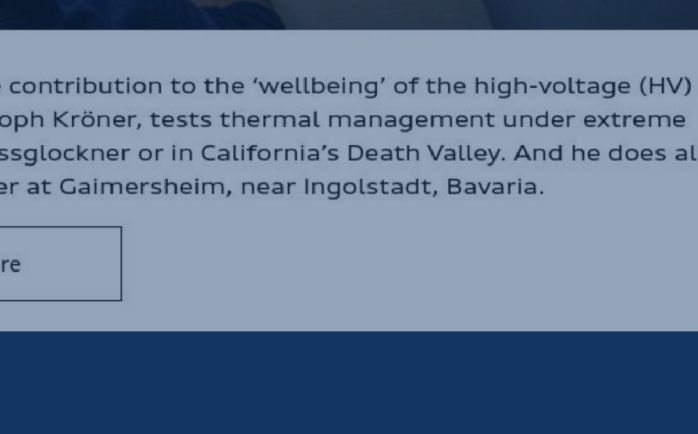
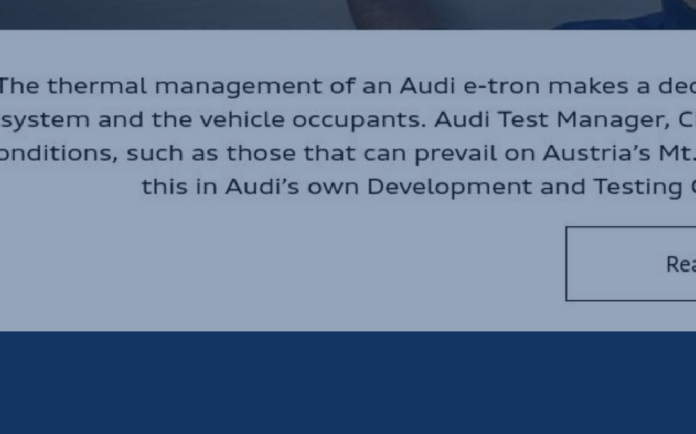
61 percent

61% of the breaches involve credentials.

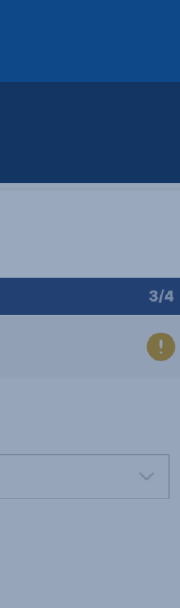
85 percent

85% of the breaches benefit from human error.

Because of widely adopted social engineering tricks and targeted digital marketing, anti-phishing solutions also fall short of protection from breaches. MFA protection is breached so easily with reverse-proxy attacks. DefensX provides the last millimeter protection for spear-phishing, reverse-proxy, and advanced credential attacks.



4 Zero-Trust File Protection



Drive-by-downloads are the main reason for the malware and ransomware injections because attackers improve their methods constantly. Using Javascript and Web assembly, they can deploy files invisible on the network.



Did you know
32%
of malware is zero-day

24 in 100 MALWARE

attacks are invisible from the network layer.

| | | |
|-------------------------------------|---|--|
| File Download(mime type report) 7/9 | File Download Success 8/9 | File Download Malware Blocked 8/9 |
| Request For Review | Download approved | Potential Malware Blocked |
| Please select an option | We have analyzed [Filename] in a secure remote drive. We couldn't find any potential known risks. | This file contains potential malware [malware]. We have blocked the download of this file and securely deleted from the remote storage. The risk [url] and [filename] is reported. |
| Close Send Request | Close Proceed to download | Close |

DefensX in-context protections override the web browsers' trust factor to the web and end-users. It embeds extra layers of security controls in every session and implements zero-trust web browsing.

5 Remote Browser Isolation



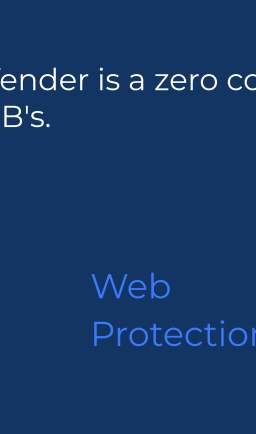
For the most advanced protection for the web, you need to use a remote browser in the cloud. It is like flying a drone remotely. Native web browsers will receive only the video of the remote web browser.



Local Browser



Remote Browser



Internet Address

Seamless user experience and superior security.



The thermal management of an Audi e-tron makes a decisive contribution to the 'wellbeing' of the high-voltage (HV) system and the vehicle occupants. Audi Test Manager, Christoph Kröner, tests thermal management under extreme conditions, such as those that can prevail on Austria's Mt. Grossglockner or in California's Death Valley. And he does all this in Audi's own Development and Testing Center at Gaimersheim, near Ingolstadt, Bavaria.

Read more

Uncategorized or unknown web pages can be viewed in remote browser isolation with a single click configuration.

6 Cyber Vigilance Training



End users are the weakest chain in the link. They are the first attack target for social engineering and credentials theft. Continuous cybersecurity training is highly recommended to create a solid cybersecurity posture.

80%

80% of organisations said that security awareness training had reduced their staffs' susceptibility to phishing attacks

| URL Block Dialogs | | | |
|---|---|----------------------------|--|
| URL Block with Consent 1/4 | URL Block without Consent 2/4 | URL Block Report 3/4 | |
| This Web Page Contains Some Risk | Web Page Blocked | Request For Review | |
| Please be aware of the following risks: - Drive by download - Malware injection | Access to the web page you were trying to visit is been blocked in accordance with your company policy. Please contact your system administrator if you believe this is in error. | Please select an option | |
| Risk: Low | Risk: Low | Miscategorized URL | |
| Host: isolade.com | Host: isolade.com | | |
| Category: Computing & Internet | Category: Computing & Internet | | |
| DefensX Back To Safety Take The Risk | DefensX Close Report | DefensX Close Send Request | |

| Credentials Dialogs | | | |
|---|---|----------------------------|--|
| Credentials Dialog with Consent 1/4 | Credentials Dialog with Consent 2/4 | URL Block Report 3/4 | |
| Credential Protection | Credential Protection | Request For Review | |
| This is the first time you are entering your credentials on this website. | This is the first time you are entering your credentials on this website. | Please select an option | |
| Risk: Low | Risk: Low | Miscategorized URL | |
| Host: isolade.com | Host: isolade.com | | |
| Category: Computing & Internet | Category: Computing & Internet | | |
| DefensX | DefensX | DefensX Close Send Request | |

MSPs can create their own custom training modules or use predefined configurations.

End Point Protection Framework

There are four essential components for endpoint protection. Where firewall and anti-virus are old technologies, EDR and endpoint web protection are novel protections. MSPs can offer lower-cost protection bundles to their clients by combining the below options.

Firewall

Antivirus

Microsoft Defender is a zero cost option for SMB's.

Microsoft Defender is a zero cost option for SMB's.

EDR

Web Protection

Microsoft Defender, SentinelOne are two solid alternatives for SMBs

DefensX zero-trust web browser and DNS Protection

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