

Enlighten Web Skimming Protection

The leading client-side security solution providing protection against online skimming attacks designed to steal sensitive user data and other valuable assets

Protect against web skimming attacks

Today's organizations have significant online presence with their website and mobile apps being a cornerstone of their business. With consumers spending upwards of \$600 billion in 2019, according to the US Department of Commerce, cyber attackers have turned their attention to what is now a lucrative avenue.

Online skimming attacks have increased in both intensity and complexity and have been used to steal data from the websites of some of the world's most valuable brands. By taking advantage of complexities within the browser and a surge in the use of third-party website services, attackers have developed sophisticated malware focused on widescale theft and exfiltration of personal data.



Enlighten's web skimming protection prevents malicious data theft as a result of client-side website attacks. The hacker group Magecart has successfully breached thousands of websites, stealing the financial information from millions of customers



Enlighten's client-side threat intelligence ensures the rapid evolution of its security platform, preventing not just known attacks, but new and emerging attack methods. Magecart are constantly evolving their methods to evade security mechanisms implemented by organizations, such as CSP and SRI

Why take a preventative approach?

Most organizations have a myriad of security technologies in place designed to prevent cyberattacks, including DDoS protection, WAF, BOT mitigation, IDS, DLP and more, but none of these can really mitigate web skimming attacks. Client-side attacks, such as online skimming and formjacking, leverage weaknesses in the third-party libraries that are used within a website, breaching environments that fall outside of an organization's security boundaries and thus, outside of their control.

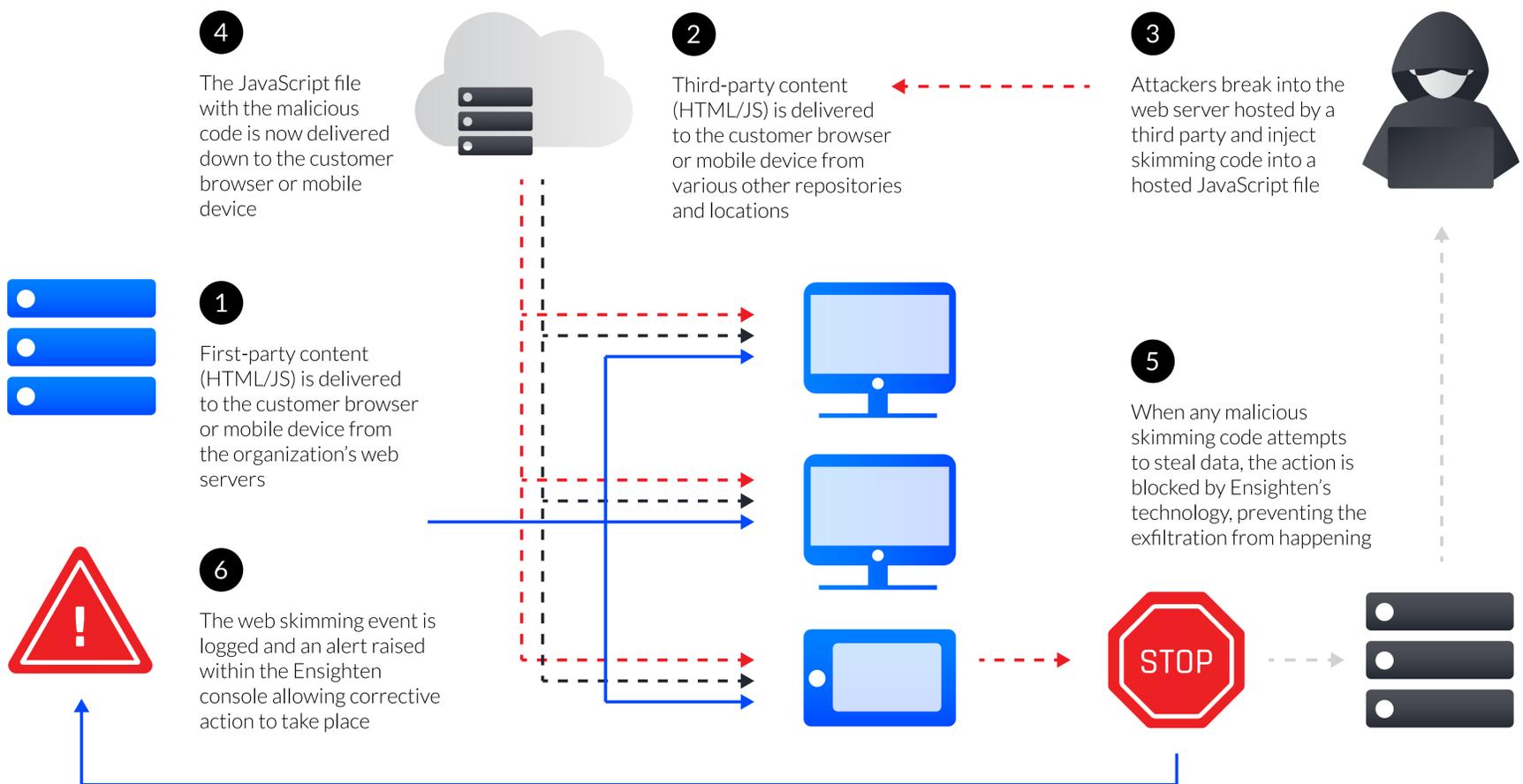
The only way to prevent client-side attacks is to apply protection when the website is rendered and being accessed by a user in real time. Almost every website is vulnerable to client-side attacks and as such, the data of every user is potentially at risk.

"Enlighten provides the most important piece of tech that we use. We know that our website is our weak point - the minute we implemented Privacy in observe mode, we saw scripts we did not recognize. Now that we are live, we trust that Enlighten protects the data we collect from attack."

Leading global ecommerce organization, January 2019

Enlighten client-side website protection

Enlighten leverages cutting-edge client-side capabilities to detect and prevent attacks, including web skimming, CSS injection, formjacking and more. By delivering a lightweight, secure and performant library alongside regular website code, organizations get unparalleled visibility into who their website is communicating with and which third-party services have access to user data, along with the ability to control or restrict all of it.



Solution highlights

Network allowlist

Prevent data from leaving the web page except to approved destinations

Modern filtering

Stops emerging attack methods, including mutating resources and image injection

Comprehensive user interface

Allows easy configuration, rapid onboarding and low-maintenance protection

Intelligent analysis

Identifies specific types of data, such as credit card numbers and social security numbers, and prevents transmission to unknown destinations

Real-time analytics and reporting

Monitors all network requests and provides visibility into attack attempts, alerting you to potential issues

Performance and lightweight

SaaS-delivered technology from highly scalable cloud infrastructure protects your website while maintaining the very best user experience

About Enlighten

Enlighten is a global cybersecurity leader, offering next generation client-side protection against data loss, ad injection and intrusion. Through the Enlighten solution, organizations can assess privacy risk and stop unauthorized leakage or theft of data, as well as comply with the CCPA, GDPR and other data privacy regulations. Enlighten's MarSec™ platform protects some of the largest brands in the world from data leakage whilst ensuring maximum web page performance.

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