

Website Security

# Next Generation Website Security and Performance Management

The leading cybersecurity solution providing client-side protection against data loss, ad injection and intrusion while enhancing website performance

## Protect against data leakage

For many organizations, their website and mobile applications are the cornerstone of their business, and from here web applications have evolved to enable greater functionality by leveraging client-side capabilities. As such, security evolution must follow.

Payment card and web skimming exploits are regularly hitting the headlines, highlighting a clear need for organizations to review the security risks within their website supply chain. A compromise of a website supply chain vendor through an injection of malicious JavaScript can be detrimental to an organization operationally and financially, as well as harm your reputation.



Prevents theft, disclosure or leakage of sensitive information to third parties. 2018 saw the rise of hacking threat group Magecart, who successfully exploited data from over 300,000 websites



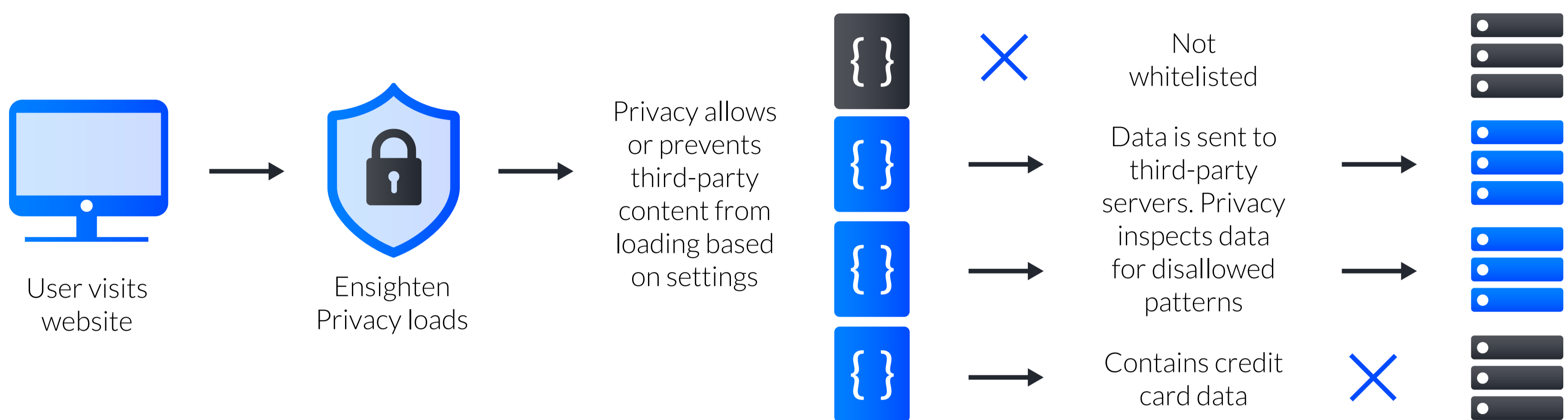
Prevents third-party code invoking additional JavaScript calls, often known as tag piggybacking. This creates a potential breach and aggravates various security considerations

"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

## MarSec™ client-side website security

The Ensignten Marketing Security (MarSec™) platform is an approach favoured by leading enterprise brands looking to implement real-time, client-side website application security without adding overhead to already stretched development teams – whilst avoiding a compromise on website performance, functionality and usability.



### 1. Deploy

Easily deploy our Privacy gateway through a single line of code

### 2. Observe

The Ensignten Privacy gateway monitors all network requests made through the DOM or XHR

### 3. Configure

White- or blacklist scripts and URLs, and set data leak prevention policies for credit card data and sensitive data

### 4. Enforce

Enforce mode activates configurations in real time to ensure adherence to data governance policies

### 5. Report

Intuitive interface details blocked requests for review and identifies brand impersonation and malicious proxy sites

## Protection against data leakage through MarSec™

### Real-time website monitoring

Monitor all network requests coming into or out of your website to detect any potential malicious threats

### Privacy gateways

Block unknown and unwanted website trackers, technologies and tags to prevent them from firing on site and collecting data

### Blocking of unauthorized network calls

Block Magecart-style attacks, CSS hacks and man-in-the-browser to protect end users and stop data breaches

### White- and blacklisting of third-party technologies

Define permissions of the appropriate third-party vendors you want to allow to receive data or block vendors from receiving specific types of data

### Automated website privacy audits and alerts

Detect risks to your organization's privacy rules; website scanning will check for unapproved technologies that might have access to your customer data

### Masking of sensitive data

Determine unique data patterns to prevent being exposed within the URL and avoid sensitive data from being passed to unauthorized third-party technologies

### About Ensignten

Ensignten is a global cybersecurity leader, offering next generation client-side protection against data loss, ad injection and intrusion. Through the Ensignten 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. Ensignten'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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