



WEBSCALE

SOLUTION BRIEF

# Webscale Security

Manage and mitigate complex threats to protect revenue and reputation

24% of cyberattacks target retail, and the industry witnesses more breaches than any other sector. The average cost of a data breach in this segment is \$3.27M, and more than half of all cyberattacks are committed against small-to-mid-sized businesses (SMBs). 60% of them go out of business within six months, unable to overcome the drop in revenue and loss of reputation.

Omnichannel ecommerce is creating an ever increasing attack surface, and it requires smart, comprehensive and proactive defense mechanisms to protect it.

It's why we created Webscale Security.



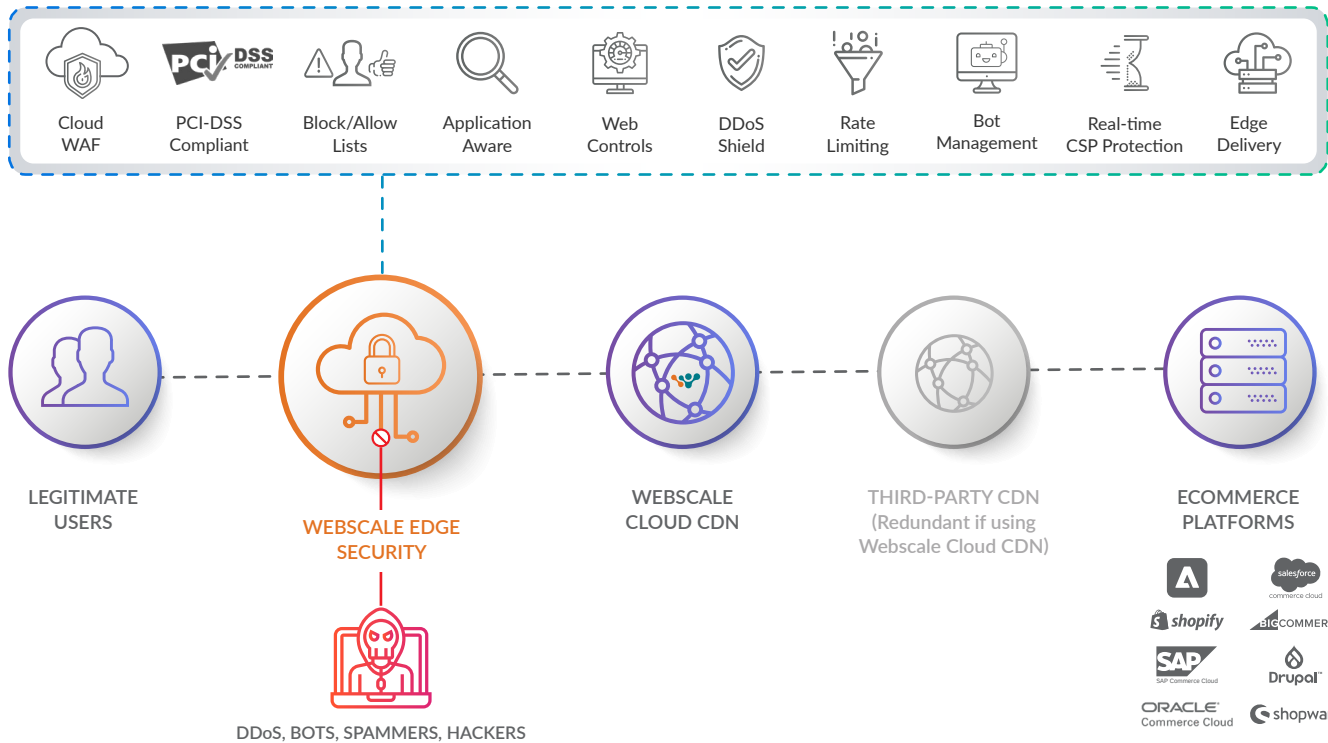
**Webscale Security**  
Protection You Can Rely On



Webscale Security is **the gold standard in ecommerce protection**. Purpose-built for modern commerce, it leverages automation and advanced analytics, to deliver proactive monitoring, detection, diagnosis, and alerting to protect storefronts from complex threats including form jacking (Magecart), bots & scrapers and access breaches, carding and DDoS attacks, injections (SQL and XSS) and more. Deployed at the edge, and all the way to the backend, Webscale Security is the only protection your storefront will ever need.

# How Does It Work?

Websites protected by Webscale Security have always-on, 360-degree security with customized and easy to deploy rules to defend against sophisticated attacks. In addition to a managed WAF, Webscale Security includes a range of features like App Shield, DDoS protection, bot management, CSP, rate limiting, and carding attack prevention, that allow for real-time monitoring, detection, mitigation, and ongoing protection. In addition to the platform, Webscale's DevSecOps team works alongside merchants and their dev teams to proactively detect and protect.



Webscale's deep expertise in ecommerce security and unmatched flexibility to support our mobile-first PWA stores in the EU and US markets were key in effectively addressing our pain points.

# ELEMIS

# Key Capabilities



## 360-degree Continuous Protection

*Enterprise-grade security from the edge to the origin*

Modern commerce has many touch points, leaving the front and back ends equally vulnerable. Are you trusting your brand reputation to a simple WAF (web application firewall) – a “front-door” security solution that leaves the “back-doors” open?

- Webscale leverages automation and analytics to ensure total protection from the origin to the edge
- Proactive monitoring, detection and mitigation of the most dangerous attacks, including form jacking (Magecart), bots & scrapers, access breaches, DDoS attacks, and injections (SQL and XSS)



## Avoid Serving Bot Traffic

*Deliver a flawless user experience, for real users*

Bots can represent more than 50% of ecommerce site traffic. Bad bots can consume cloud capacity, scrape content, and cause slow downs that impact the user experience for real customers.

- Rate Limiting and Web Controls allow merchants to block threats, limit their requests, and provide access to valid users only
- Webscale Bot Manager identifies legitimate bots (Google, Bing) using pre-configured Address Sets, and serves them from Dynamic Site Cache freeing up infrastructure



## Defend Against Account Takeovers

*Detect repeated failed login attempts in real-time*

Social engineering attacks, like phishing, are commonly used to extract ecommerce account information from unsuspecting shoppers, and are often used to conduct credential stuffing attacks

- Webscale’s real-time Traffic Viewer provides deep visibility into login pages, tracking both successful and failed logins, detecting brute force attacks
- Rate Limiting shuts down, or restricts access, to login pages



## Go Beyond Detection

*Quick mitigation, and long term prevention*

Does your security solution provider stop with detection? Many leave remediation to the merchant or the developer, leading to a delay in both preventing the breach, or containing the impact of the attack.

- Webscale’s DevSecOps team works alongside developer and admin teams to not only detect, but mitigate security threats
- Perform quick mitigation with Web Controls, and advanced features like CSP (content security policy) Protection, DDoS Shield and App Shield

We’ve been very impressed with the security and support offered by Webscale, which is far in advance of anything we have received before.

# Tricker’s



## 100% Compliance

*Strengthen customer trust and loyalty*

Almost 60% of small to medium-sized ecommerce businesses don't survive a cyber attack due to the loss of customer trust and brand reputation. With Webscale, you can protect your customers' personal and financial data from threats, without making any changes to your application.

- Webscale Malware Scanners are on 24-7, conducting monitoring and alerting in real-time
- PCI-DSS Level 1 compliant; SOC2 Type II certified; HIPAA compliant



Webscale pays for itself – the value we get from their security solution and 24x7 support is unquestionable.



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