Signal Sciences

Section

Signal Sciences + Section

*Optimize your security at the Edge
with a Next-Gen WAF*

Today's threat landscape is more dynamic than ever. Technology leaders are responsible for protecting business-critical assets and sensitive customer data in order to survive and grow.

Deploying Signal Sciences Next-Gen WAF (NGWAF) on Section's Edge Compute Platform allows DevOps teams to take advantage of world-class application security across a distributed global edge network. This powerful combination provides optimal performance and cost advantages while giving peace of mind that your applications are protected against Layer 7 attacks.

Why Section?

Section's Edge Compute Platform was uniquely designed to improve site performance, scalability, and workflow across your entire organization. The modular architecture allows for easy and flexible deployment of best-in-class solutions, like Signal Sciences, across an expansive global edge network without requiring changes to your centralized infrastructure. With Section, teams can iterate faster, while ensuring their applications remain performant and secure.

Why Signal Sciences?

Signal Sciences Next-Generation WAF (NGWAF) analyzes and blocks threats in real-time, with 95% of customers using it in blocking mode. Our SmartParse technology is not a rules-based engine, which reduces false positives while identifies more threats than other solutions. Using contextual information and next-generation cloud analysis to immediately block threats, Signal Sciences sends detailed metrics to an intuitive management console with actionable insights for your development, operations, and security teams.

SUMMARY

Signal Sciences next-gen WAF has been consistently recognized as an industry leading solution, delivering mission critical application protection. Deploying Signal Sciences on Section's Edge Compute Platform gives DevOps teams the flexibility and control they need to tailor their security footprint, seamlessly integrate into development workflows, and scale to meet any traffic level.

Better Together

Combine Signal Sciences and Section for world-class application performance and security. Signal Sciences provides complete protection for your applications and APIs, while Section takes care of global scaling and DevOps-friendly implementations.

Single Implementation

Without requiring changes to your central infrastructure, Signal Sciences can be deployed in minutes across Section's global edge network with just a simple DNS change.

Global distribution, automatically

Section's global (point-of-presence) PoP network is built on the foundations of the world's largest hosting providers (AWS, Azure, GCP, Digital Ocean, and more), giving developers access to the locations and providers they need to optimize performance, security, scalability, and cost.

Complete AppSec Coverage Without Compromise

Signal Sciences provides comprehensive, out-of-the-box protection for your applications, APIs, and microservices with no tuning and near-zero false positives. Increase protection against OWASP Top 10, account takeover, bots, and API abuse automatically, lowering your overall TCO.

Architectural Flexibility

Modern application architectures and tooling enable DevOps teams to release code faster than ever before. Section's Edge Compute Platform provides flexible deployment options for teams to best fit Signal Sciences into their design patterns.

Unparalleled Accuracy

Signal Sciences Cloud Engine processes over one trillion requests per month. This allows Signal Sciences to make quick and accurate blocking decisions while maintaining performance and site availability.

Reduce friction for integration

Section and Signal Sciences can be deployed simultaneously, rather than requiring two separate implementations. This saves time and effort, and shortens time to go-live.

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How Does It Work?

As a modular solution, Section's Edge Compute platform allows for quick and easy deployment of Signal Sciences containerized edge module. The NGWAF solution sits within Section's delivery chain, providing active protection of web applications and APIs without sacrificing performance. When deployed, Signal Sciences is instantly distributed across Section's global edge network, automatically scaling to meet traffic demands and respond to threats in real-time.
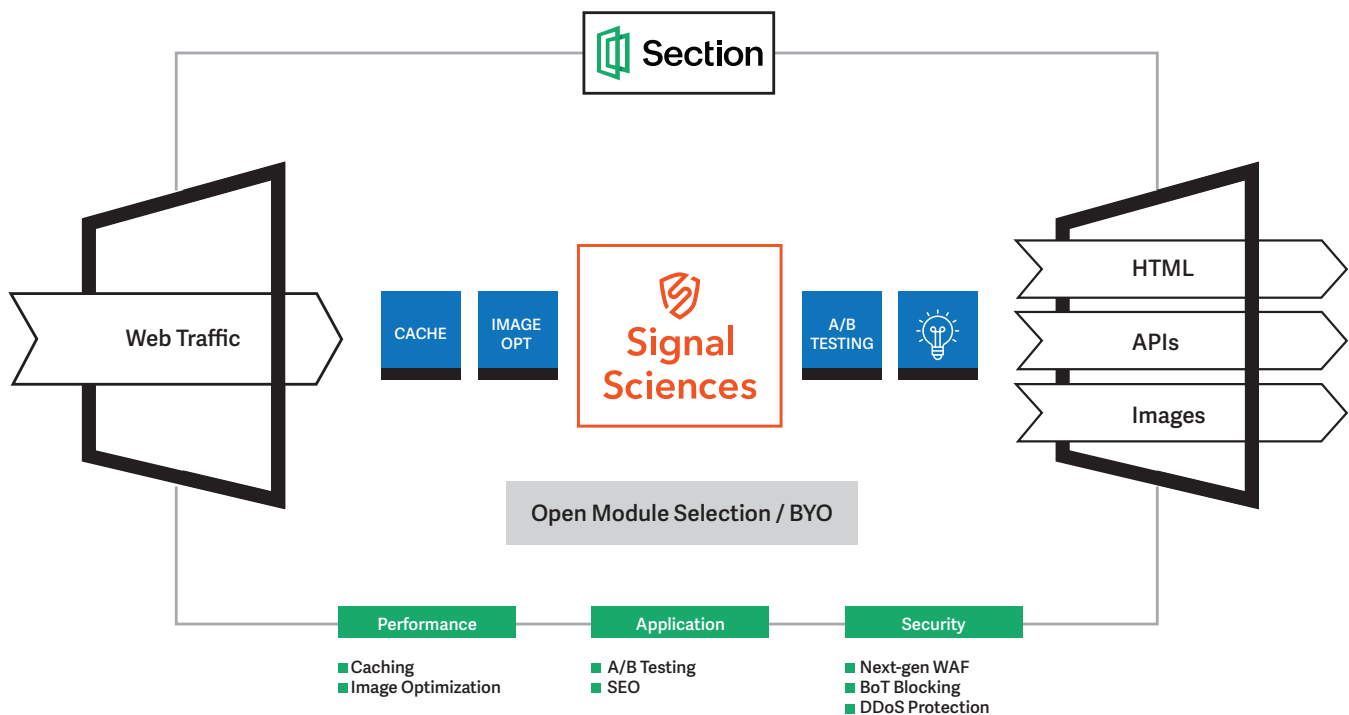
Conclusion

Deploying a defensive perimeter in front of your applications creates a critical buffer between point-of-entry and your most valuable assets, without sacrificing performance. As application architectures become increasingly decentralized, it's critical that IT leaders implement security measures that protect from core to edge, with early detection and immediate response. Section and Signal Sciences provide an industry-leading solution for application protection and delivery.