

Demanding More From Your Enterprise CDN

**Are you paying by the gigabyte for
obsolete tech and old datacenters?**

A secure CDN uses state-of-the-art
hardware, research, and technology.
Redefine availability with rapid
response and enterprise guarantees.

**Website Protection, Monitoring
and White-Glove Support.**

SUCURI



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It's All About Delivery?

Most organizations recognize the need to keep critical web properties online and highly available. This includes prioritizing initiatives that optimize website performance, promote secure code development, and address the **ever-evolving landscape of cybersecurity threats**.

A third-party Content Delivery Network (CDN) can keep your website running quickly by storing web content and making it available around the world. The network leverages globally distributed Points of Presence (POPs) that cache your content. Because of the way traffic is distributed, **most CDN providers offer limited DDoS protection and blocking of threats**.

The security capability is often marketed as a secondary benefit for popular CDN providers, but it's a growing priority among forward-thinking IT professionals. A cloud-based Web Application Firewall (WAF) keeps your website online in the face of **growing cybersecurity attacks and sophisticated hack attempts** that compromise your reputation, disrupt availability, and lead to data breaches.

There is an opportunity for your CDN to do more than just speed up your site. When security is the first priority, you gain a team of reliable professionals who ensure you are ready to **combat tomorrow's threats while ensuring site performance**.

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What Your CDN is Missing

Most CDNs focus on improving page speed and mitigating DDoS attacks by spreading traffic across their datacenters. Sucuri technology is built with a commitment to security. Our passion gives us an edge, and our high level of support is ideal for any server environment or enterprise requirements.



Innovative Technology

As a challenger in the enterprise CDN market, Sucuri has the benefit of using new, top-of-the-line hardware in our own datacenters. Our network was hand-built by top cybersecurity professionals. The result is superior website protection, performance, and availability.



Quality Vs. Quantity

Leading CDN providers have vast networks that have been operating for decades, servicing millions of users on free and paid plans. The amount of users presents a challenge for bandwidth management. Similarly, caching content in too many locations can result in latency issues.



Service Level Agreement (SLA)

While many CDN providers offer a set SLA, the white-glove approach taken by Sucuri simplifies operations. We fully support your priorities, requirements, and customization requests. You can count on our competitive response time and access to a dedicated account representative.



Rapid Deployment

If your network requires load balancing, failover, DMZ, high availability, or something more complex, our team will work with you to achieve customization requests and meet business requirements. Simply partner with us and know your needs will be taken care of.



Predictable Pricing

Most CDNs charge for bandwidth and have no support flexibility. Sucuri takes a different approach. Our pricing model is dependent on the response time and service level you require for incident response and customization. This enables many of our partners to save money.



Security Research

Our research team keeps us on the forefront of emerging threats to your website, so that our dedicated consultants can provide a superior solution that safeguards your website, protects your traffic and keeps your site online in the face of spikes, hacks, and DDoS attacks.

Ownership and Responsibility

Many professionals and leaders are becoming champions for website performance and security within their organization, but the **full scope of network operations and cybersecurity** are more complex than most IT departments can handle. As a result, leaders are demanding more from the vendors who provide services they already allocate budget for.

Depending on the size of the company, deploying a CDN could involve any number of teams and departments.

- A successful enterprise organization requires cooperation from various IT departments to deploy a CDN or WAF. This is made easier when the provider has an experienced technical support team.
- More agile startups may need the initial push to come from various members of product teams, dev ops, or a single marketing representative who wants to future-proof their critical online content.

Ultimately, web users expect speed and security.

At the same time, business leaders are aware the state of the internet is increasingly punishing slow websites, and blacklisting those with poor security controls. Sucuri is a trusted security vendor who can help your organization reach security and performance goals with an all-in-one service.





Promoting a Faster and Safer Internet

In 2018, focusing on website security and performance will have increasing **impacts on UX and SEO**.

Your ideal customers and visitors don't have patience for slow-loading sites. If the visitor can't reach your web pages fast enough, **they will leave**.

Furthermore, if the visitor feels unsafe on your website, **they lose trust and never return**.

Maintaining a successful online presence and brand reputation demands solutions that deliver web content quickly and prevent website hacks, security problems, and data breaches.

A safer, faster web is in our future.

Search Engine Optimization

Search engines reward websites with fast page load times by boosting their rankings.

Simultaneously, they punish slow websites that cause visitors to hit the back button and return to the search results - a phenomenon SEO practitioners call pogo-sticking.

Google has even tested warnings in search results to identify slow loading pages, discouraging visitors from clicking on results.



Improve Conversions

It's no secret that fast web applications increase engagement and reduce bounce rates for visitors. Faster websites enjoy a significant increase in conversion rates and customer satisfaction.

When a website loads quickly, it has an immediate advantage.

For every 3 second delay in page load



48%

Customer Satisfaction



33%

Fewer Pageviews



21%

Less Conversions



40%

Visitors Leave



SSL Management and Monitoring

SEO practitioners know Google has been encouraging website owners to adopt SSL. It is another confirmed ranking factor, and browsers increasingly warn visitors when a site is not secure - even blacklisting sites that should be transmitting input over HTTPS.

While an SSL certificate protects sensitive user input by encrypting the traffic, **SSL does not protect the website from being hacked.** Sucuri detects and defends against hacks with priority incident response services available when you need them most. SSL records can also be compromised, which is why we offer SSL and DNS monitoring.



Blacklist and Security Warnings

**95% of traffic is lost
when a site is blacklisted**

There are even worse consequences if the site itself is compromised and used to spread malware. Search engines and antivirus applications want to keep their users safe by showing warnings that block hacked websites.

Google alone blacklists 10,000+ websites every day. These big red blocking pages cause a dramatic loss of traffic. Sucuri takes care of blacklist warnings from any web authority so you can reclaim visitors, revenue, and rankings.



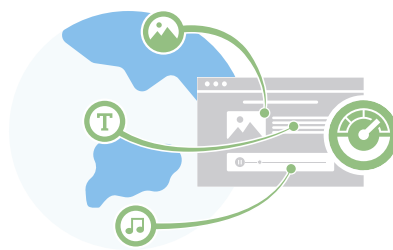
DO NOT CROSS

How Do We Make Your Site Faster?



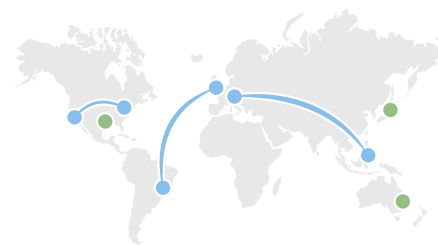
High Performance Servers

We built multiple datacenters around the world that use the best hardware and our proprietary technology.



Smart Caching Options

We speed up your site with four levels of content caching; designed to fit the needs of your website.



Global Anycast Network

With 6 SuperPOPs in the USA, Europe, and Asia and 3 CDN POP's in Australia, Brazil, and the Philippines.



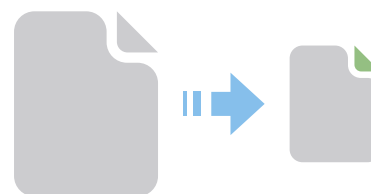
Highly Optimized Configuration

We have fine-tuned settings to give you maximum performance and protection with custom options available.



Fast HTTP/2 Support

You can increase speed by allowing parallel downloads over HTTP/2 with a single click inside the Sucuri dashboard.



GZIP Compression

Compression reduces the file and page size sent over the network which dramatically improves your site speed.

We ran a series of experiments - including simulating DoS attacks - to observe the impacts of the Sucuri WAF and CDN on website performance, speed, and stability. Read more about our experiments on the [Sucuri Blog: Testing the Impacts of Website Caching Tools](#)

20 Concurrent Connections - **With Firewall**

Transactions	2279 Hits
Availability	100.00%
Elapsed Time	60.00 secs
Data Transferred	56.83 MB
Response Time	0.03 secs
Transaction Rate	37.98 trans/sec
Throughput	0.95 MB/sec
Concurrency	1.01
Successful Transactions	2279
Failed Transactions	0
Longest Transaction	0.11
Shortest Transaction	0.02

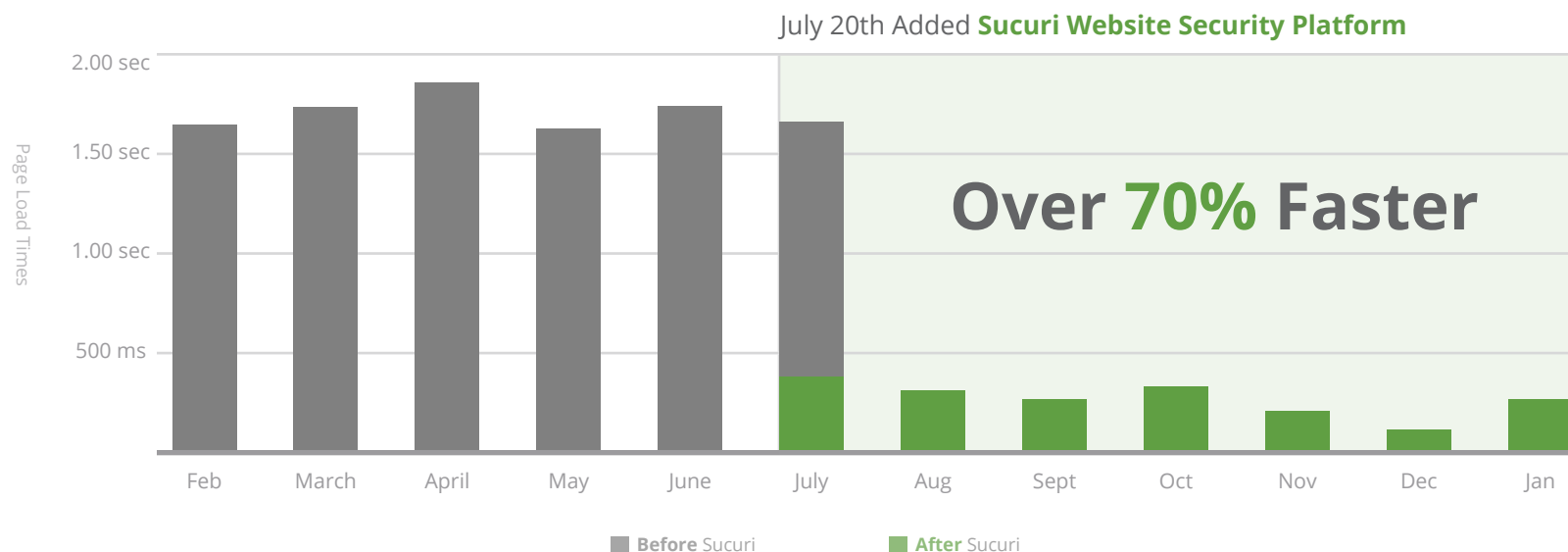
20 Concurrent Connections - **No Firewall**

Transactions	275 Hits
Availability	100.00%
Elapsed Time	60.00 secs
Data Transferred	6.86 MB
Response Time	3.69 secs
Transaction Rate	4.58 trans/sec
Throughput	0.11 MB/sec
Concurrency	16.89
Successful Transactions	275
Failed Transactions	0
Longest Transaction	6.10
Shortest Transaction	1.07

Case Study: WPBeginner

// Our server load has come down on WPBeginner - insanely! Security is a big thing and is the primary reason we use Sucuri, but the added benefit is the speed aspect - because **everything goes through the WAF and it's that much faster.**

For me, the biggest advantage of using Sucuri is I don't have to get a server admin anymore. I don't need a 5th admin, because before the 5th admin's job was to monitor the server and recognize and mitigate any attacks. I had a 5th admin, part-time and I was paying \$2,500/month to keep him on retainer.” **SYED BALKHI**, Founder of WPBeginner



A background image showing a business meeting. In the foreground, a person in a grey suit and blue shirt is looking at a laptop. The laptop screen displays a pie chart and a line graph. In the background, another person is visible, also looking at a laptop. The overall scene is a professional office environment.

Enterprise Level Security and Service

Organizations lack the time and resources to prioritize the implementation of security controls and performance optimization.

While many organizations use a CDN, most providers only offer limited security. Sucuri has been delivering website security solutions as a primary focus for the past ten years.

Our dedicated enterprise team supplies a higher level of service to ensure your demands are met quickly and you have support for complex technical requirements.

A White Glove Approach to Customer Service

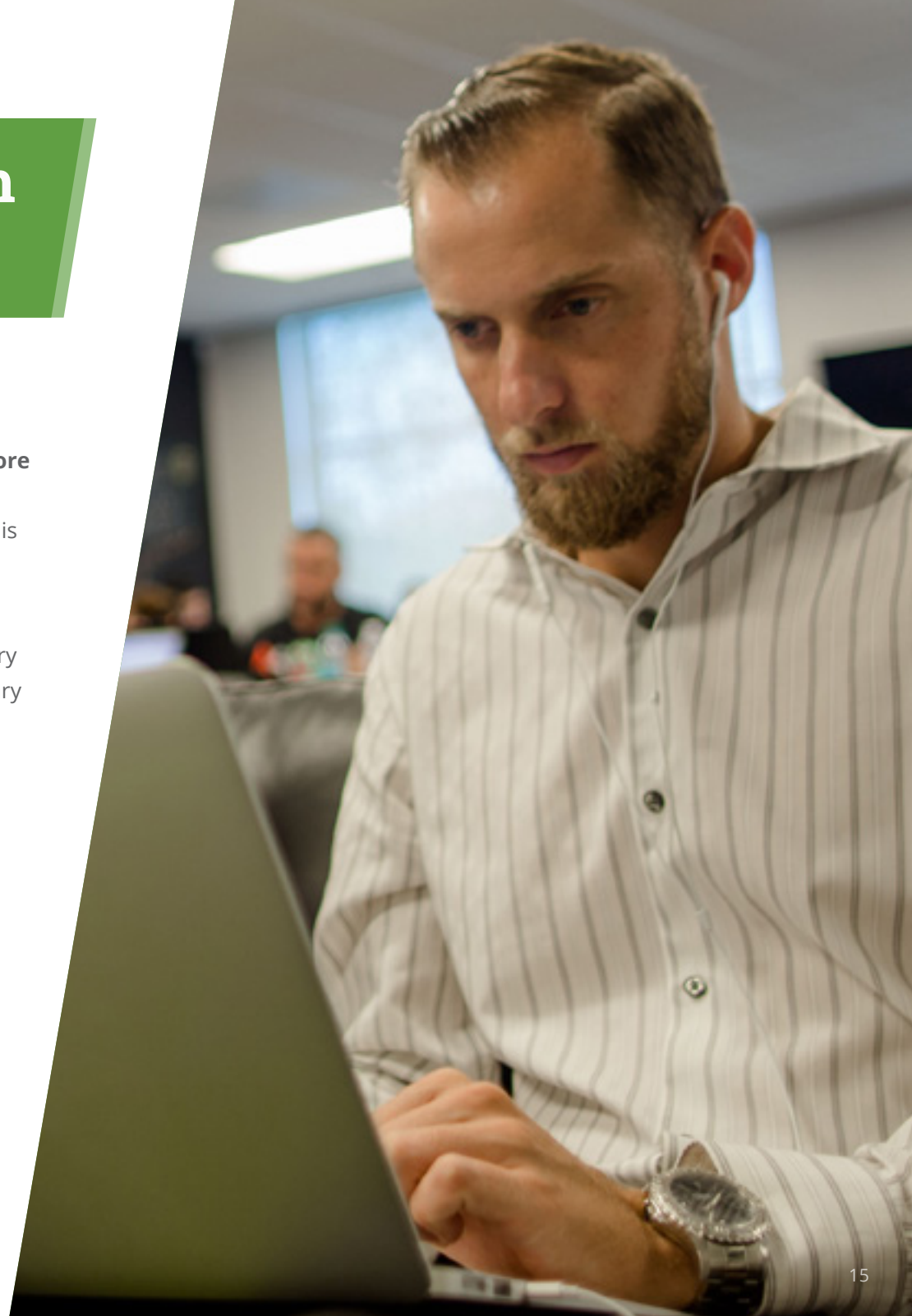
At Sucuri, we care for every website as if it was our own.

A US-based company, Sucuri maintains a global presence with **more than 100 employees** in over 27 countries. Our incident response team is distributed across all major continents to ensure support is accessible around the clock.

Our enterprise team is agile with the ability to meet the most demanding requirements of organizations. With dedicated primary account executives, clearly defined escalation paths, and secondary coverage for emergencies, you can count on **24/7/365** coverage and accessibility.

Choose to set up regular maintenance calls, and rest assured we can cater to any of your infrastructure requirements - high availability, load balancing, DMZ, failover setups, and anything else your organization needs. We adapt to your unique situation by offering customized onboarding with dedicated support.

We respond quickly and are available via phone, chat, or email. Our Service Level Agreement (SLA) is as aggressive as you need. We offer **Security Incident and Event Management (SIEM) integration** and work closely with your in-house IT department, SOC, NOC, and system administrators.



Blocking OWASP Threats and Zero Days

A cloud-based Website Application Firewall (WAF) is an often overlooked component of content delivery that prevents data breaches and exploitation attempts for the top 10 OWASP web vulnerabilities.

The Sucuri Firewall is a cloud-based Intrusion Prevention System (IPS) for websites. It functions as a reverse proxy by **intercepting and inspecting all incoming HTTP/HTTPS requests to a website** to block malicious requests.

Our WAF uses virtual patching and virtual hardening for real-time mitigation of threats, and machine learning correlation engines to detect zero day attacks. Even if no patch is available, the Sucuri Firewall **will block zero day vulnerability exploitation and keep your website safe.**

The platform is supported by our Security Operations Center (SOC) which provides **24/7/365 monitoring and response** for all website attacks, including:

- Mitigation of DDoS Attacks
- Prevention of Vulnerability Exploit Attempts
- Protection Against the OWASP Top 10+
- Access Control Attacks (i.e., brute force attempts)



Integrity Monitoring and Indicators of Compromise

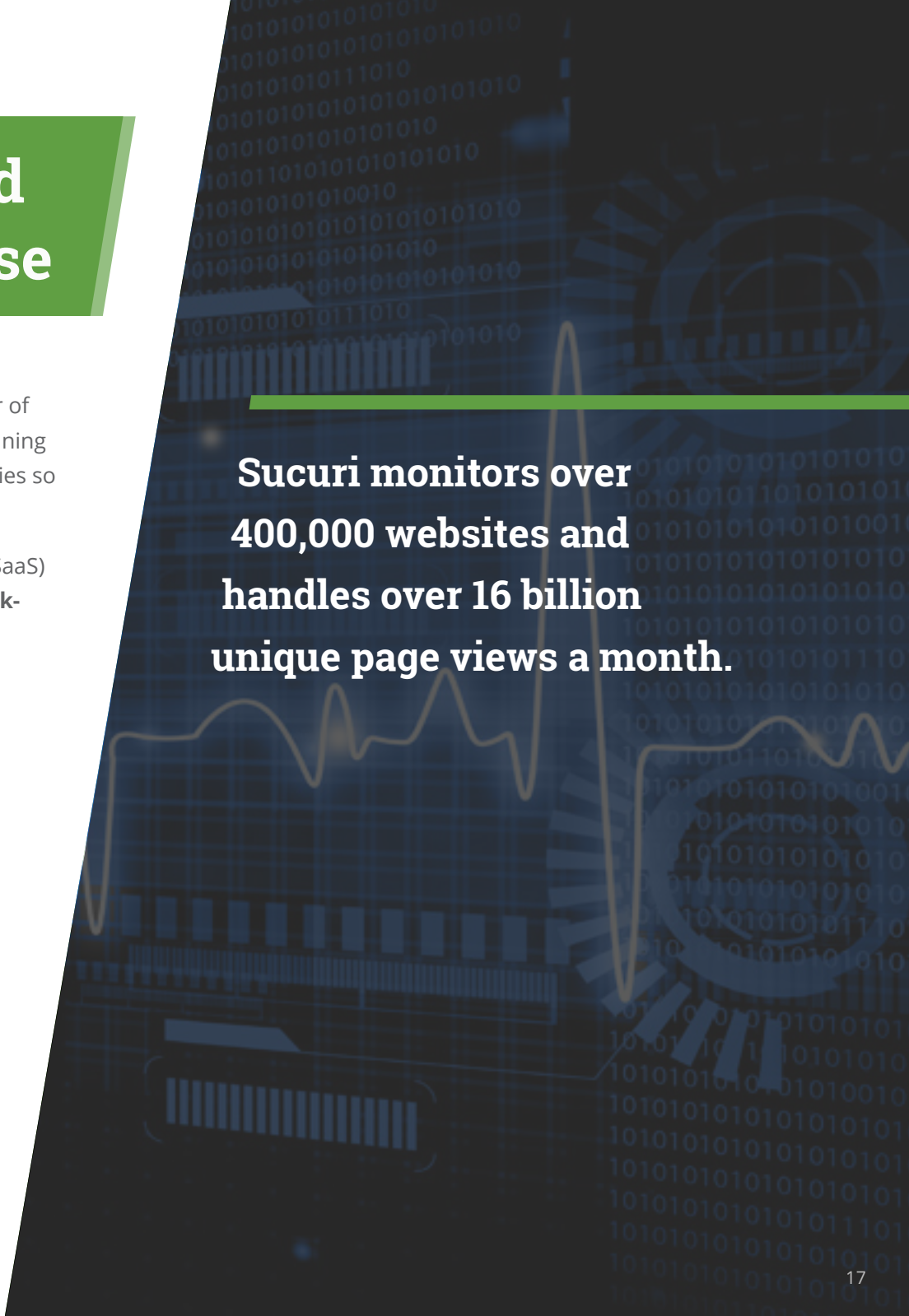
The monitoring service enables organizations with a large number of web properties to gain insight into the number of applications running on their server, and can identify out-of-date or vulnerable properties so they can be secured.

The monitoring platform is a **cloud-based** Software as a Service (SaaS) Intrusion Detection System (IDS) built on the concept of a **Network-Based Integrity Monitoring System (NBIMS)**. The monitoring platform is a remote and local (server-side) continuous scanning engine, providing high visibility into the current security state.

The monitoring platform includes an **alerting engine for Indicators of Compromise (IoC)**. The appropriate Security Operations Group (SOG) is notified to take immediate action with our security incident response team available to assist.

The platform requires **no installation or application changes**. All sites are added and configured via the Sucuri dashboard. To enable the server-side scanning, a PHP agent is required at the root of the main domain.

Monitoring events can be easily integrated with any System Information and Event Management (SIEM) system.



Sucuri monitors over 400,000 websites and handles over 16 billion unique page views a month.

Does Your CDN Provide Incident Response?

What happens if your web application is compromised? Is your IT department prepared to deal with the potential impacts of web spam, blacklisting, and DDoS attacks?

Although our WAF effectively protects against external compromises, there are many potential website vulnerabilities that can be difficult for organizations to control at scale. Examples include user management, security misconfigurations, and environmental issues.

In the event of a compromise, our team of globally-distributed professional security analysts and researchers are available 24/7/365 to respond to all website-related security incidents or concerns. The team will assist with analyzing the cause, patching the issue, and restoring the website to a clean state.

Our incident response team addresses all website infections, including but not limited to:

- Server Level Malware Infections
- Website Malware Infections
- SEO Spam Injections
- Malicious User Redirects



Already Have a CDN?

We can easily integrate with your existing provider, allowing you to take advantage of our protection platform and performance benefits. Our team is happy to help with the configuration.

Why You Should Contact Us

In addition to all the benefits that come along with future-proofing your website for security and speed, there are benefits to partnering with a disruptive challenger who can meet your IT demands, reduce costs, and simplify operations.

Is anyone at your organization pushing for increased focus on security and performance optimization? Don't get left behind as threats grow more complex and users grow tired of slow networks.

Contact us for a free consultation.



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Sucuri is a website security provider for demanding organizations that want to ensure the integrity and availability of their websites. Unlike other website security systems, Sucuri is a SaaS cloud-based solution built on state of the art technology, excellent customer service, and a deep passion for research.