

# Varnish Web & API Acceleration

Make websites much, much faster  
and satisfy every visitor

Varnish Web and API Acceleration speeds up websites and provides the stability at scale that high-traffic content providers need to deliver excellent web experiences for their users, while protecting backend servers and minimizing operating costs.

As a caching layer that sits between web servers and site visitors, it shields the backend from high traffic while accelerating content delivery, including when delivering personalized or dynamic content.

## The Web and API Acceleration advantage

### 1. Improve organic traffic and SEO

Web and API Acceleration speeds up page loads by at least 50%, to help websites attract and keep more visitors while reducing bounce rates

### 2. Always serve fresh content

Advanced cache invalidation ensures that up-to-date content is ready for visitors, while maintaining website speed.

### 3. Simplify website stack

Streamline web services with one powerful service that provides web caching, load balancing, web application firewall, origin protection and more

## Who uses Varnish Enterprise?



We immediately saw how every tweak translated to performance in real time. Nikon is really excited about how fast the site feels now.

- *Senior Manager of Internet Operations,*  
Nikon

## Varnish Enterprise Benefits

### Boost performance

Load web pages at least twice as fast, and stream video at 150Gbit/sec.

### Protect infrastructure

Up to 99% backend offload, with a significant drop in CPU and memory usage.

### Satisfy every user

Responsive, latency-free content, automatically optimized for devices.

### Control operating expenses

Less backend load means less downtime and fewer backend servers required

### Stay online at scale

Stay resilient with high availability and persistence, including multi-terabyte edge storage.

### More traffic, less bandwidth

Improved organic traffic and SEO thanks to much faster content delivery.

### Secure all data

Improve resilience and secure user data with end-to-end TLS, cache encryption and a WAF

### Be more efficient

Replace multiple solutions with a single tool, for caching, load balancing, traffic routing and more.

### Deliver everything, everywhere

Cache, store and deliver objects of almost any size, including for live video.

### Support and Professional Services

Varnish Enterprise comes with 24x7x365 support provision, plus access to short SLAs, technical expertise, long-term software lifecycles and managed updates. Professional services are available for planning, sizing and implementing the technology in any environment, and for optimization once deployed. Security updates are backported for long-term protection, and a team of world-leading Varnish experts is always available for day-to-day troubleshooting.

### About Varnish Software

Varnish Software's powerful caching technology, Varnish Enterprise, is available for on-premise, cloud and hybrid infrastructure and is packaged into three solutions: Streaming Server, DIY CDN and Web and API Acceleration. Founded in 2010, Varnish Software has offices in Oslo, Stockholm, London, New York, Los Angeles and Paris.

[www.varnish-software.com](http://www.varnish-software.com)

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