

# Flawless application delivery

Scale and secure your apps with ease

Your business no longer just depends on the applications you build, it is the applications you build. Every business is now a digital business, and the applications you build play a critical role in your company's future. But building applications is only the half the battle; success or failure depends on how well you deploy, secure, and scale your applications.

NGINX Plus extends the open source NGINX software with advanced functionality and award-winning support, providing customers with a complete application delivery solution. NGINX Plus combines load balancing, web application firewall (WAF), advanced cache controls, web serving, and rich application monitoring and management into one easy-to-use software package.

“ We had an expensive upgrade coming up with our current [hardware-based] load balancing provider, so we looked at alternatives. We found that we could do more with NGINX Plus and do it at a quarter of the cost at most. ”

MATT BLAHA, SR. SYSTEMS ENGINEER, DISCOVERY EDUCATION

## DID YOU KNOW THAT NGINX PLUS...

- Saves you 85% or more compared to hardware application delivery controllers (ADC)
- Runs bare metal on industry-standard x86, ARM, and Power8 servers
- Works in all public and private clouds
- Runs easily in containers, and is one of the most popular tools on Docker Hub
- Is the top-rated ADC for bimodal IT
- Is fully automatable; manage configuration with Chef, Puppet, and Ansible
- Has no throughput limits
- Is less than 5 MB in size
- Can be extended with dynamically pluggable modules
- Has site and application-wide licensing available

The world's largest enterprises and most innovative brands rely on NGINX Plus to deliver their online experiences to the world:



# NGINX Plus Features



## LOAD BALANCER

NGINX Plus improves the performance, scalability, and reliability of your applications with full-featured HTTP, TCP, and UDP load balancing.

- Layer 7 request routing
- HTTP, TCP, and UDP health checks to detect down servers
- Application-aware HTTP health checks with regex pattern matching to verify web content is correct
- Slow-start recovery for failed servers
- IP address-based and cookie-based session persistence
- Dynamic reconfiguration of backend servers using DNS or a REST-like API
- Direct Server Return (DSR)
- IP Transparency



## CONTENT CACHE

Effective caching dramatically improves performance while reducing load on application servers and databases.

- Scalable architecture used by popular CDNs
- Deliver content even if origin is down
- Cache purging
- Override or set cache control headers



## WEB APPLICATION FIREWALL (WAF) AND SECURITY CONTROLS

Protect your applications against both internal and external threats.

- OWASP Top 10 (SQLi, LFI, RFI, RCE, etc) protection
- PCI-DSS Requirement 6.6 Compliance
- OpenID Connect SSO
- Request/connection limiting
- DDoS mitigation
- IP address white/black lists
- Detailed audit logs



## WEB SERVER AND REVERSE PROXY

Deliver static assets with unparalleled speed and efficiency and proxy to app servers for dynamic content.

- Scalable event-driven architecture
- Support for HTTP, Memcached, PHP-FPM, SCGI, and uWSGI proxying
- SSL/TLS offloading with support for Elliptic Curve Cryptography (ECC)
- HTTP/2 gateway



## MONITORING AND MANAGEMENT:

Get application insights with real-time performance metrics such as active connections, requests per second, SSL TPS, and more.

- Health monitoring of HTTP, TCP, and UDP apps with automatic failover and recovery
- Over 90 unique metrics across both virtual servers and backend servers
- Bundled in real-time graphical dashboard
- JSON output for integration with custom monitoring tools
- Plug-ins for New Relic, AppDynamics, DataDog, and NGINX Amplify
- Active-active and active-passive high availability (HA)



## 24X7 EXPERT SUPPORT

All NGINX Plus instances come with enterprise-grade support that provides direct access to the core NGINX engineering team.

- 2016 Silver Stevie Award for excellence in sales and customer service
- 9.5/10 average customer satisfaction rating
- Professional service offerings available

**For more information, visit [nginx.com](https://nginx.com) or send us an email at [nginx-inquiries@nginx.com](mailto:nginx-inquiries@nginx.com)**