NGINX App Protect®

NGINX® Part of F5

PRESIDIO®

Modern Application Security

Prevent Downtime and Breaches by Securing Your Modern Apps and APIs

Today's application landscape has changed dramatically.

Nearly 85% of new workloads are deployed in containers and a similar 83% of Internet traffic is now API calls.

And the threat level is increasing.

30,000 websites are hacked per day and 64% of companies worldwide have experienced at least one form of cyberattack[1].

But security is often an afterthought in modern application development.

On average, the cost of a data breach is $3.92 million, yet only 5% of the apps in an organisation's portfolio are properly protected[1], usually due to friction between DevOps and SecOps.

To achieve fast deployment and optimal security and compliance for distributed modern app environments, DevOps teams need to:

• Integrate non-disruptive security controls authorized by the security team into their automation and CI/CD processes

• Deploy and manage app security controls across distributed environments such as containers and microservices

• Implement cost-effective security controls without impacting release velocity or application performance

NGINX App Protect

NGINX App Protect helps businesses to ensure both DevOps and SecOps can operate effectively and in harmony, with applications brought to market at speed without compromising security. Built on market leading WAF and bot protection perfected by F5 over many years, NGINX App Protect streamlines application security and compliance. With high performance, optimal protection and extremely low false positives it provides peace of mind in an ever more competitive online business world.
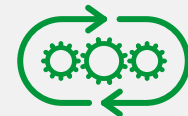
Why NGINX App Protect?

App-Centric Security

Deploy trusted F5 controls close to your apps, protecting against revenue-impacting attacks, data theft, reputational damage and regulatory non-compliance
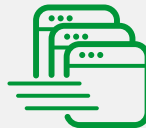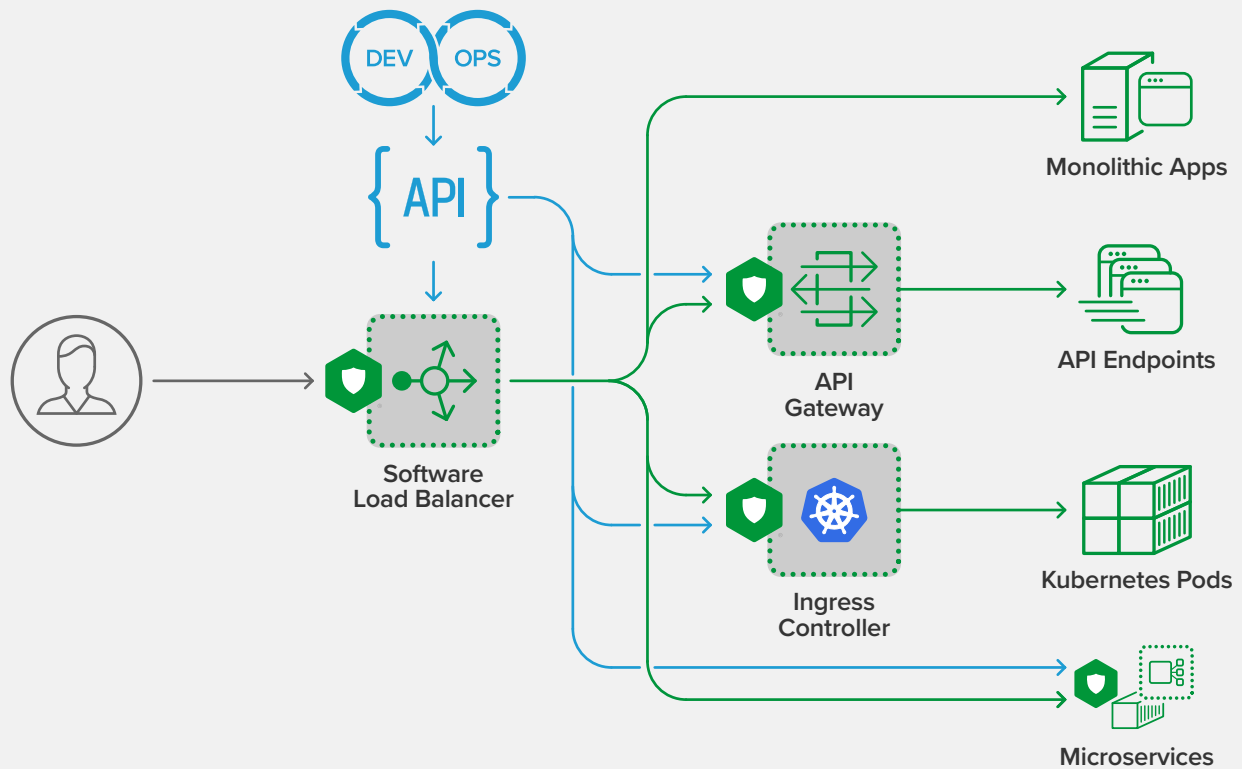
Built for Modern Apps

Deliver high-performance, scalable security on NGINX ADCs to enable consistent security controls for web applications, microservices, containers and APIs

CI/CD Friendly

Centrally manage and automate approved security controls to remove workflow bottlenecks and support "shift left" Dev initiatives

f5 NGINX is a part of F5

NGINX App Protect integrates with NGINX Plus running as a software load balancer, API gateway, Kubernetes Ingress Controller, and sidecar proxy

NGINX App Protect Features

Seamless Integration with NGINX Plus

• Enables strong security controls seamlessly integrated with NGINX Plus

• Outperforms other WAFs for improved user experience

• Reduces complexity and tool sprawl while delivering modern apps

Rapid Threat Defence and Security Analytics at Scale

• Provides expanded security beyond basic signatures to ensure adequate controls

• Utilizes F5 app-security technology for efficacy superior to ModSecurity and others

• Builds on proven F5 expertise, so you can confidently run in "blocking" mode in production

• Offers high-confidence signatures for extremely low false positives

• Increases visibility, integrating with third-party analytics solutions

Application Security as Agile as Your DevOps Processes

• Integrates security and WAF natively into the CI/CD pipeline

• Deploys as a lightweight software package that is agnostic of underlying infrastructure

• Facilitates declarative policies for "security as code" and integration with DevOps tools

• Decreases developer burden and provides feedback loop for quick security remediation

• Accelerates time to market and reduces costs with DevSecOps-automated security

[1]https://www.varonis.com/2019-data-risk-report/

Supported Environments

Cloud

• Amazon Web Services (AWS)

• Google Cloud Platform (GCP)

• Microsoft Azure

• VMware

Containers

• Docker

• Kubernetes

• OpenShift

CPUs

• x86 (64 bit)

Operating Systems

• CentOS

• Debian

• Red Hat Enterprise Linux

• Ubuntu

**To discover how
NGINX App Protect can help you**

PRESIDIO®

www.presidio.com