

## SECURE API CONNECTIVITY

# Deliver and Secure Your APIs from Edge to Cloud

### WHY USE SECURE API CONNECTIVITY?



#### Simplify Operations

Deploy and run APIs anywhere with visibility and control



#### Speed Time to Market

Unleash developer productivity by automating repetitive tasks



#### Automate Security

Detect and mitigate common and advanced API security threats

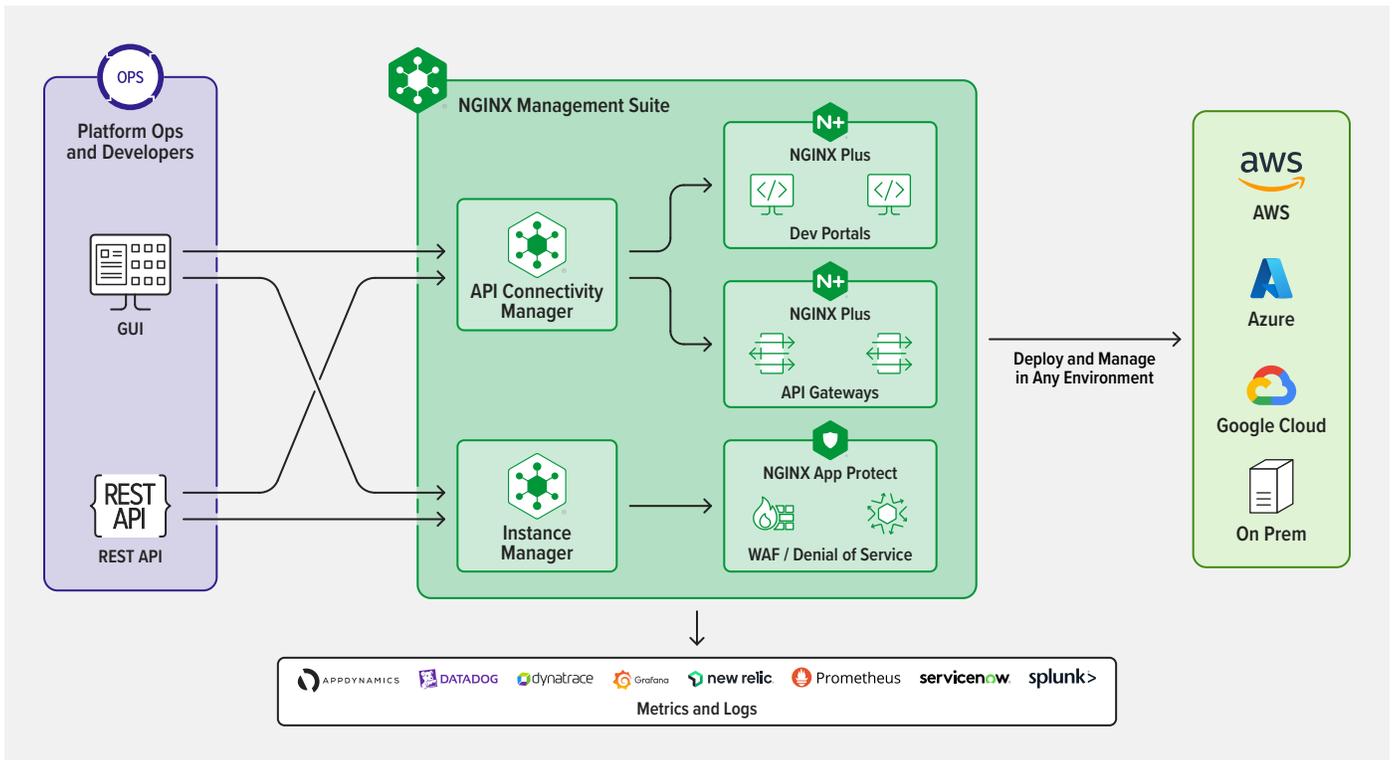
## Reduce Complexity, Improve Productivity, and Automate Security with F5 NGINX

Cloud-native applications are distributed and decentralized by design, composed of dozens, hundreds, or even thousands of APIs connecting microservices deployed across multiple environments. The wide-spread adoption of microservices and the emergence of hybrid and multi-cloud architectures is contributing to unmanageable API sprawl.

Without an effective API strategy in place, organizations face significant challenges:

- **No single source of truth** – Developers struggle to find APIs and up-to-date documentation
- **Inefficient development** – Functionality is duplicated across APIs and services
- **Reduced visibility** – Level of visibility into API traffic and configurations is inconsistent
- **Elevated threats** – Unsecured API endpoints are easy targets for attacks

Turn multi-cloud complexity into a competitive advantage with NGINX. Secure API Connectivity combines NGINX Management Suite API Connectivity Manager and Instance Manager, NGINX Plus as an API gateway, and NGINX App Protect WAF. This integrated tool kit enables your organization to scale, observe, govern, and secure your APIs, wherever they are deployed – in the cloud, on-premises, or at the edge.



## Benefits of Secure API Connectivity

NGINX accelerates your API-first transformation by managing, monitoring, governing, and securing APIs from a single pane of glass. With NGINX’s Secure API Connectivity solution, you can deliver APIs with a high-performance API gateway, make your APIs discoverable with the developer portal, and access real-time metrics to monitor and secure your API landscape.

### Scale

Deploy APIs anywhere with speed and scale:

- **Deliver unmatched performance** – NGINX is the only real-time API gateway, processing API calls in under 30ms for 1000x lower latency than the competition
- **Achieve architectural freedom** – Deploy as many API gateways as you need across cloud, on-premises, and edge environments

### Secure

Secure your APIs without sacrificing speed and agility:

- **Improve security posture** – Defend APIs against common and advanced threats with out-of-the-box mitigation of the OWASP API Security Top 10
- **Control access to services** – Secure access to backend services with policies for mutual TLS, OpenID Connect, OAuth 2.0, and many more

### Observe

Gain real-time visibility into your API traffic:

- **Simplify troubleshooting** – Monitor the health and security of your API gateways and backend microservices with real-time metrics and dashboards
- **Integrate easily** – Create a unified view into traffic across your environments and microservices by exporting metrics to your preferred APM provider

### Govern

Apply global policies across teams and environments:

- **Ensure uniform governance** – Set global policies for shared infrastructure like API gateways and developer portals, all from a single pane of glass
- **Empower API developers** – Provide self-service tools so developers can manage their services with fine-grained controls for rate limiting, caching, and more

To learn more, visit [nginx.com/APIs](https://nginx.com/APIs)

