The F5 Application Delivery and Security Platform

The premier platform for converging high-performance delivery and security for any application or API, anywhere. Gain consistent policies, full visibility, and AI-driven insights, all delivered from a single, flexible platform that's deployable anywhere.

app

f5

Simplify Delivery and Security for Every App and API
Make your work life easier by converging high-performance delivery with robust app and API security—all in a single platform.

Adapt to Business Changes Fast with Automation
Adapt to changing needs quickly through fully programmable data planes, automated deployments, and custom functionality.

Gain Comprehensive Reliability
Drive consistency and efficiency across your apps and APIs, regardless of the environment, with consistent policies and unified management.

Enjoy Relevant, Actionable Data
Improve performance, reduce risk, and save administrative time with rich analytics and insights, including guidance from AI assistants.

Deliver and Secure Apps and APIs Anywhere, on Any Form Factor
Deploy apps and APIs the way your business needs to, with the flexibility to change in the future as needed.

Focus on Delivering Innovation
Stop drowning in maintenance tasks and innovate with full lifecycle automation.

The F5 Application Delivery and Security Platform represents a significant advancement in addressing the challenges of contemporary application delivery, security, and management.

Addressing Today's Complex Application Landscape

Today's organizations are increasingly challenged by the demands of hybrid, multicloud application infrastructures, and the growth of AI just adds to the complexity. Apps themselves are becoming more diverse and dispersed, requiring more seamless delivery, robust security, and consistent performance across diverse environments.
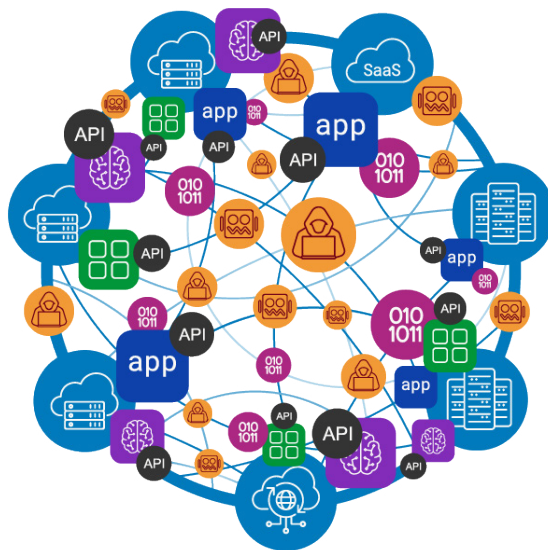
Making this happen is not quick or easy. Organizations must juggle multiple disconnected management consoles, deal with inconsistent policies across deployments and environments, and manage fragmented security controls. These challenges are exacerbated by the number of disparate point products organizations have deployed for application and API delivery and security.

The constantly changing nature of the app landscape, the apps themselves, the APIs that power and connect them, and the increase in cyber risk exposure have created a "ball of fire." As AI and its unique requirements create or force changes to even more apps and APIs, the "ball of fire" is amplified, becoming a never-ending inferno. Taming it requires a coordinated approach to app delivery and security that will let you achieve much-needed simplicity, consistency, and visibility across all applications and APIs in your environments.

Converging App Delivery and Security for All Apps

The F5® Application Delivery and Security Platform (ADSP) is designed to address your explosive "ball of fire" head-on and extinguish it. The F5 ADSP enables your business to confidently deploy, secure, and optimize your applications and APIs anywhere, whether they're on premises, in private data centers, across public clouds, or at the edge. All essential best-in-class application delivery and security functions are converged into a single, unified platform, simplifying operations while ensuring resiliency and protection. This convergence of key delivery and security functions enables your organization to better manage the complexities associated with modern application deployments and secure them through centralized visibility, policy enforcement, and automation. By extending across your entire technology stack, the F5 ADSP ensures that every app and API benefits from consistent, comprehensive security and delivery.

Figure 1: The "Ball of Fire" represents the escalating challenges organizations face in today's hybrid, multicloud and AI-driven landscape, including high operational complexity, unmanageable cyber risk exposure, and increased costs.

Platform Benefits

Simplified and Streamlined Operations
Reduce the complexity, time and cost of managing disparate point products with a unified platform.

High-Performance App Delivery and Access
Deliver the best end-user experience possible with secure access and high availability for every app, no matter where it's deployed.

Consistent Policies and Enforcement
Enable every app and API—regardless of the deployment or environment—to benefit from consistent, comprehensive delivery and security.

Flexible Deployment Options
Run solutions as close to your apps and APIs as possible on hardware, as software or SaaS, on digital processing units (DPUs) for AI applications, or in containerized environments like Kubernetes.

Full Visibility with AI Assistance
Streamline workloads with full automation and high programmability, while increased visibility and AI insights across your portfolio improve outcomes.
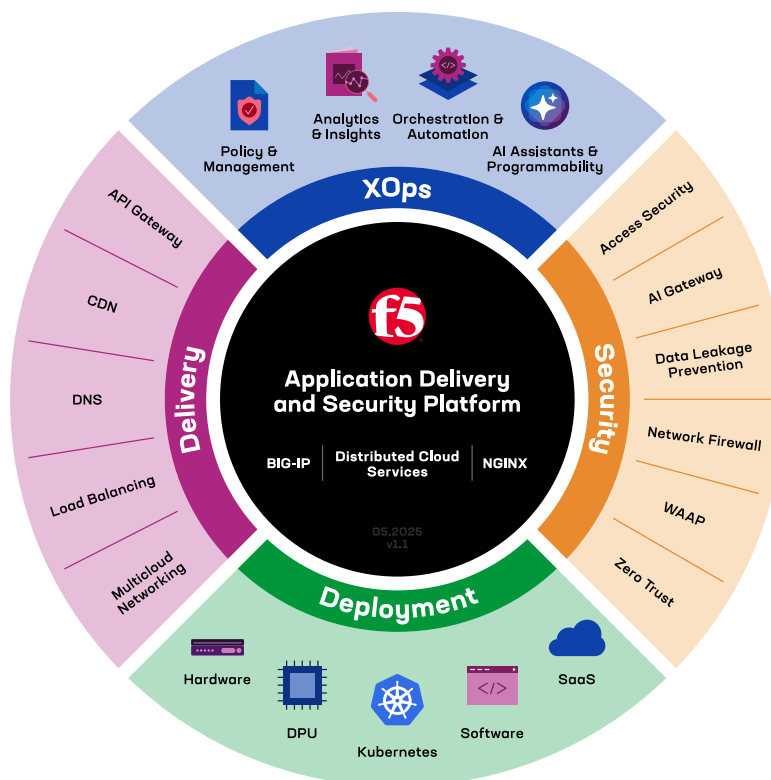
F5 ADSP provides key capabilities to deliver, secure, and manage today's hybrid, multicloud, and AI-driven application landscape:

- **Complete security and delivery for every app and API** from a single platform that simplifies management for all your teams, including IT, platform, cloud, SecOps, NetOps, DevOps, and more.

- **Deployable in any form factor** to run seamlessly across today's diverse IT environments.

- **Consistent policies with unified management** across your entire, dispersed environment, reducing complexity and improving efficiency.

- **Rich analytics and insights** that are relevant and actionable to improve performance and strengthen the security of today's complex, distributed applications and the APIs that drive them.

- **Fully programmable data planes** enable automated deployment and custom functionality so your organization can effectively adapt to constantly changing needs.

- **Full lifecycle automation** that allows your teams to focus on delivering innovation and stop drowning in maintenance tasks.

> *"Consolidating critical functionalities—load balancing, API security, and advanced analytics—into a single, unified ecosystem is brilliant and signals a deep understanding of the operational burdens faced by practitioners and technology leaders of the modern enterprise."*
>
> **Christopher Steffen, CISSP, CISA, and VP of Research with Enterprise Management Associates (EMA)**

Figure 2: F5 Application Delivery and Security Platform.

Conclusion

The F5 Application Delivery and Security Platform consolidates all critical services required for ensuring every app and API—from the edge to the cloud—benefits from unparalleled protection, reliability and availability. Consistent, comprehensive security addresses the complex cyber threats of today and tomorrow, and high availability and intelligent orchestration ensure performance for even the most intensive workloads. Enterprises now have a more economical and efficient solution that is both easy to use and deploy to address the changing requirements of their apps and infrastructure.

Next Steps

Talk to an expert
Learn more about the benefits of a converged app delivery and security platform. **Contact F5**.

Analyst recognition
EMA selects F5 ADSP as a "visionary" in app delivery and security. **Read more**.