SECURING APPS AND APIs

in the Multi-Cloud World

e⁺ | f5

A New Era of
COMPLEXITY

In the digital era, security effectiveness and business outcomes have become two sides of the same coin. While success demands that organizations be both resilient and secure, complex hybrid cloud environments challenge how businesses protect their most critical applications.

From the data center to multiple clouds, apps live everywhere, while niche, patchwork protections offer inadequate coverage to safeguard businesses from mounting risks.

Sophisticated THREATS

Advanced cyber threats present a constantly evolving challenge in the digital landscape. Characterized by their complexity and stealth, sophisticated attacks often exploit vulnerabilities in software, networks, and/or human behavior.

From advanced malware and zero-day exploits to malicious bots and AI-powered attacks, modern threats are persistent and hyper-focused on compromising apps and seizing digital assets. Their goal? To extort businesses and their data for financial or personal gain.

As cyber threats continue to advance, proper defenses require a proactive approach that can blanket entire surface areas— and leave no app behind.

Source: Security Magazine, _67% of organizations not confident in cyberattack recovery_, 2023

Attacks are up as confidence wanes.

Malware

Zero-day

Bots

80%

80% of organizations feel existing strategies cannot address escalating cyber threats.

Ransomware

APT

DDoS

CHALLENGES

| Intro | **Sophisticated Threats** | Multi-Cloud Complexity | Vulnerable APIs | Apps Left Behind | ePlus + F5 | Protect All Apps | Safeguard APIs | Modernize Security | Flexible Service Engagements | Learn More |

Multi-Cloud Drives
INNOVATION, AND RISK

Multi-cloud enables innovation and the freedom to choose the best-fit environment for each application's unique requirements. But every cloud comes with its own proprietary tools and technologies that aren't effective beyond the host cloud itself. This introduces gaps in protections across private and public clouds and creates a major burden on security teams attempting to enforce consistent security and compliance throughout.

As multi-cloud environments become the new norm, businesses need unified defenses that layer across disparate clouds to remove gaps and eliminate overreliance on point products or cloud-native tooling.

Source: Thales, Cloud assets the biggest targets for cyberattacks, 2023

79%

79% of organizations **use multiple cloud** providers.

40%

40% of businesses have experienced a **breach in the cloud.**

Vulnerable and Unmanaged APIs

50%

Less than 50% of enterprise **APIs will be managed** by 2025.

APIs offer a standardized interaction layer between software and systems and have drastically improved how we consume, integrate with, and create digital experiences. Yet, APIs have become prime targets of cyberattacks and can introduce significant risks if not properly secured.

Rapid development cycles, shadow IT, and forgotten legacy apps have introduced a glut of unmanaged APIs modern businesses must contend with. Without centralized governance, management, or security, these APIs have created new pathways for attackers, unknowingly.

To successfully protect applications from today's threats, security teams need proper oversight and control to see and uniformly protect their growing API layer.

Under-protected APIs =
exposure.

- API abuse
- Improper access
- Data breach

Source: Gartner, Predicts 2022: APIs Demand Improved Security and Management
Source: Citing article, Cybersecurity Insiders, Predictions for 2023 API Security, 2023

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Apps Left Behind

Modern cyber threats do not discriminate. And as organizations prioritize transforming through the cloud, they cannot lose sight of securing their mission-critical apps running on premises.

Although many traditional applications have safeguards in place, they still require ongoing investment, upkeep, and attention. This includes routinely extending new defenses to counteract emerging threats and vulnerabilities.

Standardizing app protection across data centers and clouds ensures no environment is left behind—so businesses can secure new and existing apps, with ease and precision.

NEW APPS:

32%

32% have a **vulnerability day one.**

EXISTING APPS:

70%

70% have a **vulnerability after 5 years** in production.

Source: Help Net Security, 70% of apps contain at least one security flaw after 5 years in production, 2023

COMPROMISE NOTHING

with ePlus + F5

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SaaS Security Platform

Protection from threats of today—and tomorrow.

ePlus and F5 Distributed Cloud Services help businesses secure their traditional and modern applications no matter where they run. From core to cloud, our joint solutions and deep industry expertise are proven to minimize hybrid and multi-cloud complexity, all from a single SaaS platform.

F5 Distributed Cloud Web App and API Protection (WAAP)

Secure hybrid and multi-cloud apps

Reduce risk and improve control

Mitigate and block advanced threats

Eliminate point and niche solutions

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Streamline Operations and SAFEGUARD ENVIRONMENTS

Protect All Apps

Whether running in the cloud or on-premises, businesses need app protection that spans new and old investments. ePlus and F5 simplify protection for the entirety of the application attack surface by centralizing oversight, control, and security. Now organizations can safeguard disparate apps from a single source. This includes deploying web application firewalls (WAF) and API defenses as well as advanced cyber defenses to ward off malicious bot, automated attacks, and sophisticated zero-day threats in real-time.

- Protect data center, cloud, and edge apps via a single platform
- Centralize and enforce consistent security policies
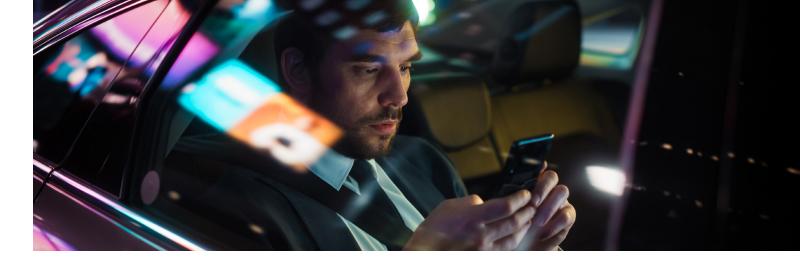- Actively defend against cyberattacks in real time

Simplify
API SECURITY and MANAGEMENT

Safeguard APIs

ePlus enables infrastructure and application teams to include security as part of their API development, deployment, and management strategies. Using F5 Distributed Cloud Services, ePlus empowers businesses to discover unmanaged and unprotected APIs and effectively remediate vulnerabilities. Continuously monitor for anomalous behavior, mitigate threats, and safeguard API interfaces from threat actors attempting to exploit or abuse them.

Improve visibility and control over growing API layer

Automatically discover APIs and standardized governance throughout

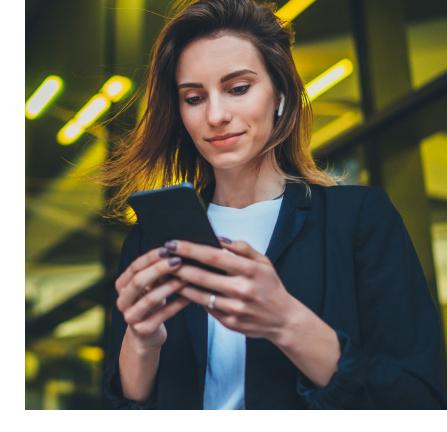Deny threats and dangerous or unwanted connections

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Reduce Costs and
UNIFY APP DEFENSE

Modernize Security

ePlus works with F5 Distributed Cloud Services to deliver unified application defense across environments, reducing the need for multiple point products and cloud-native tools. Simplifying down to a single pane of glass brings visibility and control to SecOps teams without compromising on depth of protection. By eliminating silos, businesses can deploy, secure, and operate their apps across complex hybrid and multi-cloud environments while enforcing standard security and accelerating cyber incident response.

- Standardize configurations and security from core-to-cloud
- Remove gaps and drive uniform security across environments
- Rationalize tools and eliminate reliance on niche or native products

Flexible Service Engagements to
MEET YOUR NEEDS

Using an app-centric approach to security, ePlus' flexible engagement offerings are designed to meet your unique needs while driving better business outcomes.

Assessment

By assessing your security tool portfolio, overall IT landscape, and the apps you're looking to protect, ePlus provides insight into current security postures, areas to prioritize improvements, and which F5 Distributed Cloud capabilities would be a good fit.

White Glove

Through a personalized, hands-on engagement, ePlus works with your team for as long as needed to enable success—educating and evangelizing the why behind ePlus insights and recommendations.

Turnkey Deployment

ePlus works with a baseline configuration to deploy a focused set of F5 capabilities for target workloads. This ensures fast time to protection and can be followed up with a more detailed engagement to fine-tune or deploy advanced configurations.

Ad Hoc Configuration

ePlus experts are available to consult on specific requirements for application security and translate that to F5 Distributed Cloud Services configurations.

Modern App Protection
BEGINS HERE

Ready to simplify app protection in the hybrid and multi-cloud world?

As your trusted technology advisor, ePlus' integrated solutions empower you to secure business operations, reduce costs, and provide digital experiences your customers can trust. Together with F5 Distributed Cloud Services, we meet the moment—delivering a single platform to keep apps, APIs, and infrastructure safe from the threats of tomorrow.

GET STARTED TODAY!

To learn more, please visit eplus.com/partners/showcase-partners/f5.

About F5 Distributed Cloud Services

F5 Distributed Cloud Services are SaaS-based security, networking, and application management services that enable customers to deploy, connect, and secure modern apps and APIs in any environment—from core to cloud to edge. It's built on a single platform for centralized management, complete visibility, and consistent policies everywhere.

About ePlus

At ePlus, we never lose focus of what drives our success: helping our customers achieve their strategic IT business objectives. Backed by over 5,000 certifications and accreditations, a deep bench of technical experts, and a relentless commitment to innovation, our trusted guidance and flexible service offerings empower today's organizations to overcome their most pressing technology challenges as effectively and cost-efficiently as possible.

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