# F5 Distributed Cloud Bot Defense

**Protect applications and web data from malicious bots and sophisticated automated attacks.**

**Protect your business** Identify, verify, and stop sophisticated bots.

**Protect web and mobile apps, APIs, and social assets**
Safeguard your high-value, consumer-facing digital properties.

**Remove bad bots from the equation**
Optimize the efficiency of your web-facing app experiences.

**Stratify trust**
Create confidence inside the consumer app experience flow by eliminating 99% of bad bots attacking your systems.

**Deliver seamless customer experiences**
Stop bad bots without affecting the end-to-end app workflow.

**Enjoy fast, flexible deployment**
Choose from multiple integration options to adapt to all attack profiles.

40% OF ALL GLOBAL WEB TRAFFIC IS NOW BOT TRAFFIC, AND THIS NUMBER INCREASES DAILY. 25% OF ALL BOTS ARE MALICIOUS BAD BOTS.[1] THEY'RE SOPHISTICATED AND AUTOMATED AND NEGATIVELY IMPACT YOUR CUSTOMERS' WEB APP EXPERINCES.

**The highest incidence of fraud is now conducted against web-facing business applications**. Attackers now have more Internet-accessible application paths to attack than ever before. Enterprises find it increasingly difficult to identify, defend, and protect their applications from bot attackers and keep up with the relentless pace and scale of attacks. Automated bots exploit weak security to gain a global deployment footprint that powers distributed, high-scale attack vectors against application origin endpoints. Many automated bot attacks evolve into fraud via fast bot code retooling, which outpaces manual human cybersecurity detection efforts.
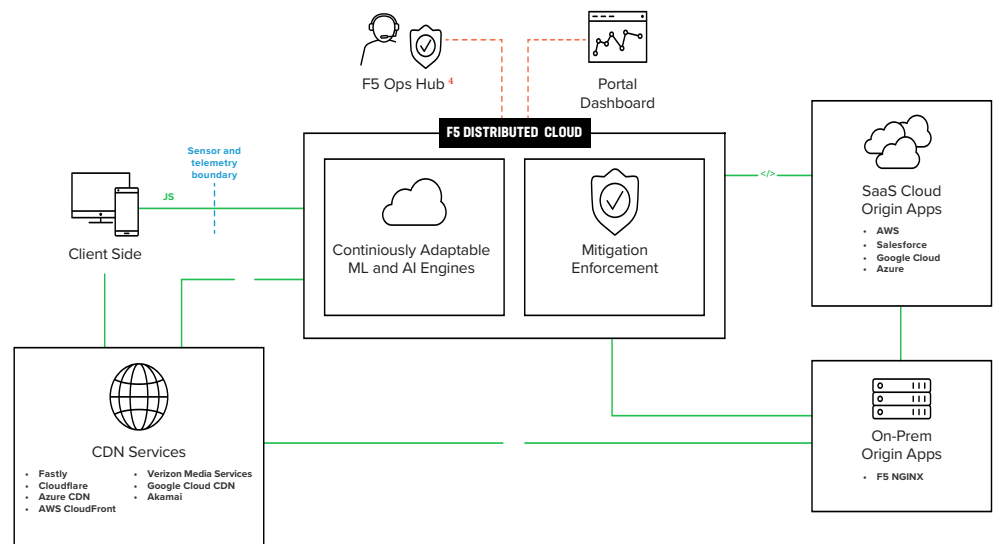
**About F5 Distributed Cloud Bot Defense**
F5 Bot Defense protects application experiences, web properties, Mobile Apps and API endpoint transactions from sophisticated Bot attacks by intelligently collecting a deep set of JavaScript and HTTP network layer signals and telemetry from each client transaction, without re-routing traffic through a proxy server. The platform identifies malicious bot automation behavior by applying multiple layers of Machine Learning intelligence. The system Monitors, Flags, Detects, Identifies retooled attacks and Mitigates automated attacks in real-time. F5 Bot Defense defeats fraudulent operations that begin as a bot attack and end as fraudulent user transactions, negative business brand exposure, e-commerce transaction revenue losses, e-commerce inventory manipulation , social media brand abuse, stolen web app business data & logic or other losses [2].

**OWASP**®

**Learn more about Automated Bot Threats**
[2] https://owasp.org/www-project-automated-threats-to-web-applications



F5 Ops Hub [4]  Portal Dashboard

F5 DISTRIBUTED CLOUD

Sensor and telemetry boundary

JS

Client Side

Continiously Adaptable ML and AI Engines

Mitigation Enforcement

SaaS Cloud Origin Apps
- AWS
- Salesforce
- Google Cloud
- Azure

CDN Services
- Fastly
- Cloudflare
- Azure CDN
- AWS CloudFront
- Verizon Media Services
- Google Cloud CDN
- Akamai

On-Prem Origin Apps
- F5 NGINX

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