F5 Silverline Shape Defense

PREVENT FRAUD WITH BOT DETECTION

Key Benefits

- **Stops Account Takeovers**—Prevents fraudsters from rapidly testing stolen credentials on your login applications so they cannot take over accounts.
- **Defeats Fake Account Creation**—Detects and blocks the use of stolen PII to create fake accounts and commit new account fraud.
- **Mitigates Carding Fraud**—Stops criminals from using your checkout pages to validate stolen credit cards.
- **Prevents inventory hoarding**—Ensures your campaigns and most in-demand items are sold directly to your customers, not scalpers.
- **Stops scraping**—Controls how scrapers and aggregators harvest data from your website, so you can protect sensitive data and manage infrastructure costs.
- **Protects loyalty programs**—Makes sure that gift card values, loyalty points and other stored values remain in your customers’ hands.
- **Reduces marketing fraud**—Ensures that your business analytics and marketing spend are driven by humans and not automated bots.

Product Overview

F5 Silverline Shape Defense (SSD) is a managed security service that prevents bot attacks that can result in large-scale fraud, inflated operational costs, and friction for your end users. By delivering continuous protection to your enterprise, even when issues resurface, the service ensures protection from sophisticated online attacks, including the list of Open Web Application Security Project (OWASP) Automated Threats to Web Applications.

Product Features

Leverage the Powerful Shape Network
Get world-class application protection with the Shape network.

- **Advanced AI and machine learning**
  Mitigates fraudulent application requests in real time—and allows requests from legitimate humans without additional friction.

- **Collective defense**
  Blocks more than one billion fraudulent log-in attempts, while protecting more than 150 million human transactions every 24 hours.

F5 SILVERLINE MANAGED SECURITY SERVICES PLATFORM
Gain Attack Insights and Intelligence.

- **Built-In Compliance and Reporting Capabilities**
  Advanced built-in security protection and remote auditing help organizations comply with industry security standards cost-effectively and without multiple appliances, application changes, or rewrites. Criteria include the Payment Card Industry Data Security Standard (PCI DSS), HIPAA, Basel II, and SOX.

- **F5 Silverline SOC Experts Provide 24x7 App Protection**
  The F5® Silverline® Security Operations Center (SOC) offers world-class support and guidance to help you get the most from your F5 Silverline investment. F5 Silverline SOC experts are available 24x7 to protect your applications from attack and abuse.
How it works

Silverline Shape Defense protects your web apps from bots and other automated attacks by delivering continuous protection, even when attackers retool. The managed service prevents sophisticated attacks, including those on the OWASP Automated Threats to Web Applications list. Features include source geo-IP mapping, mitigated versus alerted attacks, mitigated traffic, mitigated attack types, alerted attack types, threats and the type of traffic and visits (bots versus human).

Differentiators

F5 SILVERLINE THREAT INTELLIGENCE SERVICE ADD-ON

- **Phishing proxies**
  Blocks phishing, click and gaming fraud sites
- **Anonymous proxies**
  Mitigates proxy, and anonymization services, such as TOR
- **Scanners**
  Identifies probes, scans, and brute force attacks
- **DDoS attacks**
  Detects and blocks IPs used in DDoS attacks
- **Botnets**
  Known computers that are infected with malicious software to form a Botnet, controlled as a group by a command center

Solution available in [AWS Marketplace](https://aws.amazon.com/marketplace)