



Deploy a Comprehensive Web Application Security Program

KEY BENEFITS

Gain application intelligence by pinpointing and validating vulnerabilities in business-critical web applications

Bolster security and ensure availability by virtually patching application vulnerabilities in minutes

Defend against OWASP Top 10 threats, application vulnerabilities, and zero-day attacks

Increase business agility by supporting continuous delivery of applications

Web applications are at the core of business, so it's essential to protect them from attackers attempting to exploit their vulnerabilities. With the seamless integration of F5® BIG-IP® Application Security Manager™ (ASM) and WhiteHat Sentinel™, organizations can identify and verify vulnerabilities—and then virtually patch them in minutes. By combining policy-based security from a web application firewall and best-in-class dynamic application scanning technology, F5 and WhiteHat Security provide all-inclusive, automatic application security.

Challenge

Web applications have become increasingly important to organizations, which rely upon them for everything from employee productivity and enforcement of specific business policies to heavy data analysis and accounting. Attackers understand just how valuable these applications are, and attempts to bring down or compromise critical web applications are on the rise. These attacks can be prevented or mitigated, but organizations often struggle to fully secure their applications because of several challenges:

- Rapid development and release of applications can lead to insecure code.
- Legacy applications were often built without robust secure coding practices.
- Provisioning and managing a web application firewall can be complex.

Solution

These challenges can be solved through the integration of BIG-IP ASM and Sentinel. By employing dynamic application vulnerability scanning and human intelligence, Sentinel helps organizations decrease risk, reduce cost, and accelerate deployment of applications. At the same time, BIG-IP ASM defends against common application attacks and integrates the scanning results verified by WhiteHat's Threat Research Center to create virtual patches tailored to each vulnerability and application. The result is complete, end-to-end web application security that ensures continued business productivity and helps promote growth.

Manage risk effectively across applications

The combined F5 and WhiteHat Security approach to web application security represents a powerful new way for organizations to mitigate the risk of an application-level attack through a seamless, automatic process. Sentinel combines continuous dynamic scanning with an expert team at the Threat Research Center that verifies every vulnerability, virtually eliminating false positives. Through full integration, BIG-IP ASM uses this intelligence to patch vulnerabilities before code fixes are available—automatically

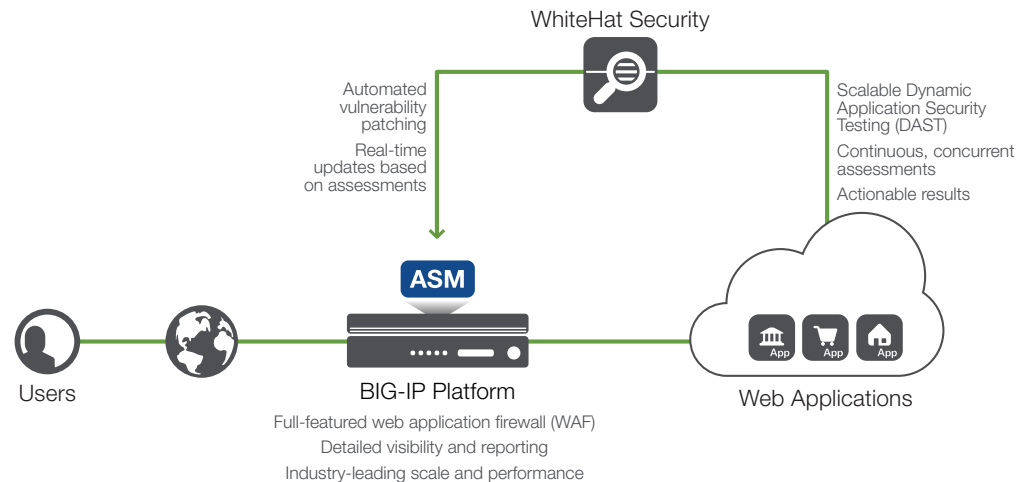


Figure 1: F5 and WhiteHat Security deliver comprehensive application security.

Boost business agility

Organizations are developing new applications constantly, and it's expensive to stop and patch everything the moment a new vulnerability is found. The marriage of F5 and WhiteHat Security technology helps organizations quickly identify and remediate vulnerabilities in their web applications. BIG-IP ASM also simplifies policy creation, allowing organizations to rapidly deploy and adapt policies with automatic learning to protect against evolving threats. Moreover, by automating updates to the web application firewall, organizations can ease the burden of management, while ensuring that their security posture remains strong.

Ensure compliance with industry regulations

Achieving full regulatory compliance with industry and governmental standards is a necessity for many organizations, which must ensure the confidentiality and security of protected information when it is transferred, received, handled, or shared. By providing ongoing verified vulnerability assessments for both internal and public web sites, as well as clearly defined steps for risk mitigation, the F5 and WhiteHat Security solution allows development teams to prioritize remediation efforts while maintaining strict compliance with regulations.

For more information, contact your F5 or WhiteHat sales representative.

