

## SOLUTION OVERVIEW:

# ALERT LOGIC® WEB SECURITY MANAGER PREMIER

## FULLY MANAGED WEB APPLICATION FIREWALL

Web applications are an important part of your business and a vital part of how customers interact with you. Unfortunately, web applications also give attackers another gateway into your critical assets and data. Businesses need to accurately distinguish the good traffic from the bad when it comes to application security.

The best way to protect web applications is with a Web Application Firewall, or WAF. WAFs interrogate web traffic in context with how the web applications work, and then deflect or alert on anything suspicious. The main concern with WAFs is that monitoring, managing, and tuning a WAF on your own can be difficult.

Enter: Alert Logic Web Security Manager Premier.

## A NEW APPROACH TO WEB APPLICATION SECURITY

Alert Logic Web Security Manager Premier is unique in that it comes fully engaged. Experts in the Alert Logic Security Operations Center manage, tune and monitor Web Security Manager Premier 24x7, 365 days a year to ensure your web applications and your business are protected.

*“The effectiveness of WAFs is directly related to the quality of people and processes used to keep them current.” – Securosis, L.L.C. August 2014.*

Alert Logic Web Security Manager Premier is an inline, proxy based, web application firewall. All web traffic is identified and validated before being passed along to the web servers, ensuring real-time protection. Web Security Manager Premier uses a heuristic engine that has both negative and positive (whitelisting and blacklisting) security models to block

malicious traffic.

The proxy based deployment model guarantees that the WAF can block detected violations preventively and that it cannot be bypassed by using resource exhaustion or network traffic obfuscation methods that work on non-proxy WAFs because the WAF has to process, validate, and forward every single request in its entirety before it is forwarded to the web server.

## WEB SECURITY MANAGER PREMIER PROVIDES:

- Proven WAF technology that alerts on and blocks attacks with negative and positive security features and learning that adapts to your traffic patterns.
- PCI DSS 6.6 compliance without code reviews.
- SaaS delivery from Alert Logic that removes typical WAF management headaches.
- Non-invasive, no-downtime deployment, providing the optimal mix of security and ease of implementation.
- Superior value, leveraging Alert Logic's investments in highly available infrastructure, security technology and expert staff for a monthly fee – with no capital expenses.

Alert Logic Web Security Manager Premier deploys on-premises, in hosted environments or in the cloud, without complex integration. Now you can protect your web applications and sites with proven technology and expert staff without the challenges usually experienced with web application firewalls.

### KEY BENEFITS:

- Protects your websites and business critical applications from web application attacks, including zero-day exploits and emerging threats.
- Fully managed Security-as-a-Service delivery means fast, simple implementations with no capital expenses and predictable monthly fees.
- ActiveWatch services provide 24x7 monitoring and incident escalation by Alert Logic's certified security analysts, along with ongoing tuning and management of the WAF.
- Provides immediate PCI DSS 6.6 compliance, along with support for other compliance mandates.
- Static and dynamic caching provides a superior site visitor experience, with scalability limited only by hardware and network.
- Implement on-premises and in hosted and cloud environments with Alert Logic's non-invasive, no-downtime deployment mode, providing industry-leading security without physical network changes.

**WEB SECURITY MANAGER FEATURES:****PROVEN WEBSITE & WEB APPLICATION PROTECTION**

- Immediate protection against SQL injection, cross-site scripting, OS command injection and other serious web attacks
- Automated learning engine develops customized site security policies
- High-availability infrastructure with automatic fail-over and policy synchronization
- XML, JSON and SOAP web services supported
- Web server cloaking and customizable HTTP error handling shields web servers from direct Internet access and defeat-fingerprinting attacks
- Whitelist-based filtering of input data protects against threats from unpublished vulnerabilities in web server software and applications
- Alerting and blocking either at the application or network level
- Protection against outbound data theft and log data masking
- IP Blacklisting works at both the network level and at the application level when running behind L7 load balancers
- HTTP Throttling of single clients that works on both direct connections and when requests are received through L7 load balancers

**SECURITY-AS-A-SERVICE DELIVERY**

- Rapidly deploy and scale as needed
- No additional upgrade costs – you always have the current product
- No hidden costs

**ACTIVEWATCH MONITORING & ESCALATION SERVICES**

- Incident response and escalation
- Proactive analysis and ongoing management
- GIAC-Certified Security Analysts and Researchers
- 24x7 state-of-the-art Security Operations Center

**COMPLIANCE SUPPORT**

- Rapid compliance with PCI DSS section 6.6
- Support for other compliance mandates, including HIPAA and FISMA

**IMPROVED WEBSITE USER/VISITOR EXPERIENCE**

- Acceleration – 50 to 100% transfer rate improvement
- Dynamic HTTP compression and static content caching
- SSL termination and TCP connection off-loading
- Accommodates almost unlimited concurrent user (more than 100,00)

**SECURE, NON-INVASIVE DEPLOYMENT OPTIONS**

- Exclusive deployment model support no-downtime implementation with optimum protection
- Choice of physical and virtual appliances
- Deploys rapidly on-premises, in hosted environments and in the cloud

**ABOUT ALERT LOGIC**

Alert Logic, the leader in security and compliance solutions for the cloud, provides Security-as-a-Service for on-premises, cloud, and hybrid infrastructures, delivering deep security insight and continuous protection for customers at a lower cost than traditional security solutions. Fully managed by a team of experts, the Alert Logic Security-as-a-Service solution provides network, system and web application protection immediately, wherever your IT infrastructure resides. Alert Logic partners with the leading cloud platforms and hosting providers to protect over 3,300 organizations worldwide. Built for cloud scale, our patented platform stores petabytes of data, analyses over 400 million events and identifies over 50,000 security incidents each month, which are managed by our 24x7 Security Operations Center. Alert Logic, founded in 2002, is headquartered in Houston, Texas, with offices in Seattle, Dallas, Cardiff, Belfast and London. For more information, please visit [www.alertlogic.com](http://www.alertlogic.com).