SUPERIOR APPLICATION SECURITY WITH GUARANTEED PERFORMANCE FROM POSITIVE TECHNOLOGIES AND ARRAY NETWORKS

Industry leaders combine best-of-breed solutions in virtual application delivery and web application security to provide all the benefits of virtualization, at the performance level of a hardware appliance.

PT AF™ BENEFITS

+ **Focus on major threats.** Correlation mechanisms reduce the number of alerts and highlight important incidents. Attack chain metrics simplify forensics.

+ **Instant, targeted protection.** Defends against "self-inflicted" vulnerabilities in custom-built software with virtual patches that protect apps until insecure code is fixed.

+ **Evolving security.** Adapts to protect even the most dynamic applications from evolving and highly-complex web attacks including zero-day exploits.

VISIONARY APPLICATION SECURITY

Today's enterprises increasingly rely on web, mobile, and ERP applications to support everyday business tasks. But as application use grows exponentially, so does risk. Attackers are increasingly shifting their focus to exploiting app vulnerabilities, either to disrupt business operations or to steal valuable information from companies and their customers. Enterprise apps have become lucrative targets for criminals.

Positive Technologies Application Firewall™ (PT AF™) from Positive Technologies is a comprehensive protection solution that offers a serious response to this growing threat. It uses innovative security technologies to block known and zero-day attacks on both public-facing and internal applications, including injection attacks and application-layer denial of service (DDoS). Smart machine learning delivers advanced automation and makes PT AF™ more accurate than other WAFs, as well as easier to manage and maintain. This improves operational efficiency. Unique built-in source code analysis capabilities detect vulnerabilities and enable PT AF™ to provide targeted protection for each individual web application. This "virtual patching" facility significantly reduces risk from application code flaws and has led to Positive Technologies being named the only Visionary in the Gartner Magic Quadrant for Web Application Firewalls.

SECURITY, AGILITY & PERFORMANCE

In conjunction with the trend toward server virtualization for application workloads, businesses are increasingly deploying networking and security functions as virtual appliances. VA licenses are portable and can be quickly and remotely provisioned; capacity can easily be increased via software upgrades; costs for space, power, and cooling can often be significantly reduced; and VA software is usually available on a CAPEX-reducing subscription basis.

However, the agility of virtual appliances often comes at the expense of performance, especially in highly compute-intensive networking and security functions. Array AVX Series network functions platforms address this challenge by providing guaranteed performance for virtualized network functions through dedicated CPU, SSL, memory, and I/O resources. The AVX Series is an open platform that supports Array virtual ADC and SSL VPN functions, as well as third-party virtual appliances such as PT AF™.

AVX SERIES BENEFITS

+ Provides the agility of virtualized appliances with the performance of dedicated appliances

+ Supports a wide range of adjacent and complementary network and security functions

+ Guaranteed performance through dedicated CPU, SSL, memory, and I/O; separate hypervisor resources

VAPV VIRTUAL ADC BENEFITS

+ Industry-leading performance and cost per SSL TPS for 2048-bit SSL

+ Customizable application traffic management without impacting performance or scalability

+ 99.999% application availability, and up to 5x application acceleration

POSITIVE TECHNOLOGIES AND ARRAY NETWORKS: VIRTUALIZED SECURITY AND AVAILABILITY THAT PERFORMS LIKE HARDWARE

Deploying application delivery controllers (ADCs) and application firewalls together to ensure application availability, security, and performance is not unique, but solutions that attempt to combine these two functions into one product often run into performance challenges due to the high demands of each function. In addition, most companies that attempt to provide a combined ADC and WAF product excel at neither technology.

> PT AF™ on AVX is an ideal solution for WAF consolidation, or for organizations looking to deploy networking and security functions that are essential for business-critical applications

By contrast, the combination of proven solutions from Array Networks and Positive Technologies enables enterprises to enjoy best-of-breed capabilities for both the security and performance of their applications. When deployed on the Array AVX Series, each PT AF™ and vAPV virtual appliance operates with guaranteed performance, equivalent to that of a dedicated hardware appliance. This makes PT AF™ and vAPV on AVX an ideal solution for WAF and ADC consolidation, or for organizations looking to deploy networking and security functions that are essential for business-critical applications.

As digital transformation of organizations worldwide increases the scale, complexity, and demand for enterprise applications, application security and performance both take on increasing importance. vAPV virtual ADCs extend Array's proven, award-winning application availability, acceleration and traffic management capabilities to virtualized environments, including Array's network functions platform. The vAPV virtual ADCs deliver integrated Layer-4 and Layer-7 server load balancing, global server load balancing, connection multiplexing, SSL acceleration, caching, compression, traffic shaping, and support for IPv6 migration.

With these comprehensive technologies, organizations that deploy PT AF™ and Array vAPV virtual appliances on Array's network functions platform can overcome the most common WAF performance issues including decrypting SSL traffic and load balancing. They can enjoy the advantages of virtualization without the typical performance problems, as well as benefiting from web application security and load balancing solutions that have been perfected and proven by market leaders over many years.

For more information on how PT Application Firewall can protect your enterprise applications from sophisticated threats, visit ptsecurity.com or email info@ptsecurity.com. For more information about how Array Networks can help you consolidate network and security functions, and assure performance of critical applications, visit arraynetworks.com or send an email at sales-info@arraynetworks.com.

About Positive Technologies

Positive Technologies is a leading global provider of enterprise security solutions for vulnerability and compliance management, incident and threat analysis, and application protection. Commitment to clients and research has earned Positive Technologies a reputation as one of the foremost authorities on Industrial Control System, Banking, Telecom, Web Application, and ERP security, supported by recognition from the analyst community. Learn more about Positive Technologies at ptsecurity.com.

POSITIVE TECHNOLOGIES

info@ptsecurity.com ptsecurity.com