

# AX Series and SecureSphere Solution Brief



## ■ A Dedicated Approach to Traffic Management and Security

Advanced traffic management and Web application security products share the common attribute of deployment in front of Web applications, but the common ground ends there. Advanced traffic management products are fundamentally designed with the goal of improving user experience through performance optimization via load balancing and other mechanisms, while Web application security products are designed to protect against application-layer attacks such as SQL injection and cross-site scripting without impacting the user experience.

Because of these differences in objectives, traffic management and security products require fundamentally different approaches to their development, one is focused on throughput and availability and the other on inspection and security. These differences extend from underlying technology to corporate culture. Virtually every combination traffic management/security product is marketed by traffic management vendors who have acquired externally developed security technology. For these organizations, security is an afterthought, not the focus, and as a result, combination products have not delivered market leading results. Security companies do not make best of breed acceleration products, and acceleration companies do not make best of breed security products.

## ■ A10 Networks and Imperva - Web Acceleration and Security without Compromise

A10 Networks and Imperva work together to provide customers with best of breed Web acceleration and security products. With A10 and Imperva, there is no need to compromise security for the sake of acceleration.

### The A10 Networks AX Series

The A10 Networks AX Series is a next-generation server load balancer with the industry's best price/performance. The AX Series is revolutionary due to its Advanced Core Operating System (ACOS) architecture with native multi-systems support, which is exponentially faster and more scalable than other systems.

- Revolutionary Advanced Core Operating System (ACOS) offers true symmetrical multi-processing for maximum performance
- Industry's best SSL and Layer 4-7 price/performance – never sacrifice features for performance
- Advanced aFlex scripting with deep packet inspection capabilities for traffic management and security
- Supports IPv4 and IPv6
- Carrier-grade hardware components
- Increases transactions per watt and reduces power requirements

## ■ The Imperva SecureSphere Web Application Firewall

Imperva's award winning SecureSphere Web application firewall (WAF) has set the standard for Web application security. Just a few SecureSphere benefits that cannot be matched by combined acceleration/security products include the following:

- **Automated Operations** — Dynamic Profiling models user interactions with applications and adapts as applications change over time. There is no need for manual tuning.
- **Accuracy** — Security events are correlated across security layers (Dynamic Profile, IPS, etc.) and over time to identify attacks without false positives.
- **Performance** - Transparent inspection technology delivers gigabit throughput and sub-millisecond latency. Secure has no impact on end user experience and does not drag down application acceleration performance. Enabling security capabilities on combined acceleration / security products substantially decreases performance.
- **Scalability** - Hierarchical management enables large enterprises and ASPs to efficiently manage hundreds of applications and many thousands of users.
- **User Awareness** - User tracking technology ensures an audit trail that links security violations to specific Web application user names without making any changes to protected applications. Combined acceleration / security solutions have no user awareness.
- **Security** - Imperva's Application Defense Center (ADC) is constantly researching the latest attack vectors and updating SecureSphere defenses to protect against those attacks. Application acceleration companies are focused on acceleration. They typically don't perform primary security research.

## ■ Don't Just Take Our Word For It ...

Combination acceleration and security products have not delivered industry leading results, but don't take our word for it, here is what others have been saying.

### INFORMATION SECURITY

In an Information Security magazine review of six top Web Application Firewalls (including those from F5 and Citrix), Imperva was selected as the leader. Reviewers hailed SecureSphere as "the closest thing to a silver bullet for application security." March 2008

To read the full review, go to...

[http://www.imperva.com/docs/reviews/20080403\\_WAF\\_Shootout\\_Information\\_Security.pdf](http://www.imperva.com/docs/reviews/20080403_WAF_Shootout_Information_Security.pdf)



In a Network Computing review of Web application firewalls (including F5), Imperva received the Editor's Choice award. "From beginning to end, Imperva SecureSphere is our kind of WAF. Installation was a breeze." April 2006

To read the full review, go to...

[http://www.imperva.com/docs/Network\\_Computing\\_WAF\\_Roundup\\_Imperva\\_Review.pdf](http://www.imperva.com/docs/Network_Computing_WAF_Roundup_Imperva_Review.pdf)



A10 outperformed F5 in a Tolly Group performance evaluation. "The AX 2100 delivers significantly better price/performance at Layer 4, Layer 7 and SSL than the Big-IP 3400." January 2008

To read the full report, go to...

[http://a10networks.com/files/AX\\_2100-vs-BIG-IP-3400-Tolly.pdf](http://a10networks.com/files/AX_2100-vs-BIG-IP-3400-Tolly.pdf)

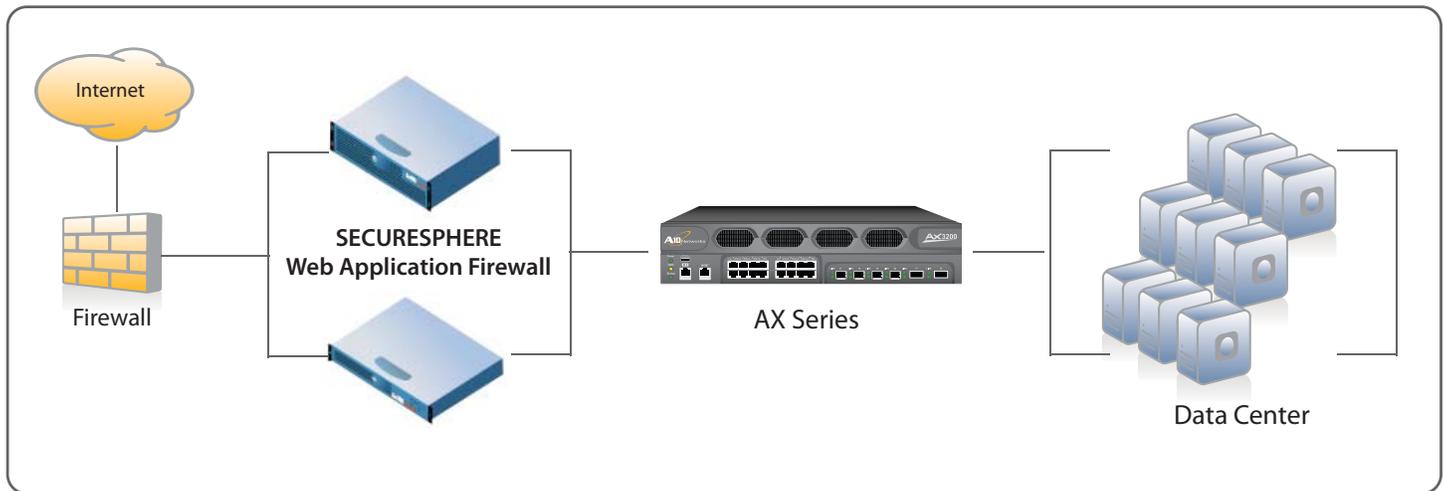
## ■ About A10 Networks

A10 Networks was founded in Q4 2004 with a mission to provide innovative networking and security solutions. A10 Networks makes high-performance products that help organizations accelerate, optimize and secure their applications. A10 Networks is headquartered in Silicon Valley with offices in the United States, Japan, China, Korea and Taiwan. For more information, visit [www.a10networks.com](http://www.a10networks.com)

## ■ About Imperva

Imperva is the leader in application data security and compliance. Leading enterprise and government organizations worldwide rely on Imperva to prevent data theft and abuse, and ensure data integrity. The company's SecureSphere products provide data governance and protection solutions that monitor, audit and secure business applications and databases. For more information, visit [www.imperva.com](http://www.imperva.com)

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