

High Performance, Low Latency Networking

A10 Networks AX Series



Arista 7050 & 7100 Series



■ Evolving Needs Challenge the Network Status Quo

The state of computing has dramatically changed over the past decade, with the genesis of today's high performance data centers being fueled by the move to the Internet in the early 1990s, and today, the evolution of Cloud Computing. Furthermore, increased computing sophistication and virtualization technologies demanded today have changed the requirements in the modern data center. The need to support new technologies is compounded with the increased computational requirements and scalability required as protocols and standards evolve.

Against this backdrop customers have chosen A10 Networks Application Delivery Controllers (ADCs) and Arista Networks switches to meet these challenges and provide innovative and cost effective solutions that deliver competitive advantages to their businesses.

■ Designed for Results

A10 and Arista serve different functional areas in the networking industry but independently offer similar value propositions:

- Advanced radically optimized operating systems
- Increased speed and lower latency
- Efficient use of computational resources
- Innovative features for market differentiation

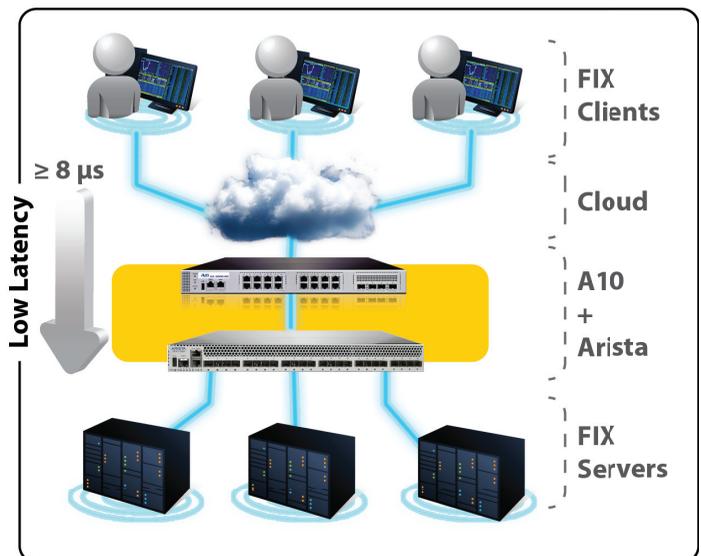
- Experienced management teams with computing and networking pioneers

The advantage of developing new products with historical and current insight allows both companies to penetrate markets dominated by far larger entities, evidenced by external awards and rapid company growth.

■ The A10 and Arista Advantage in the Real World

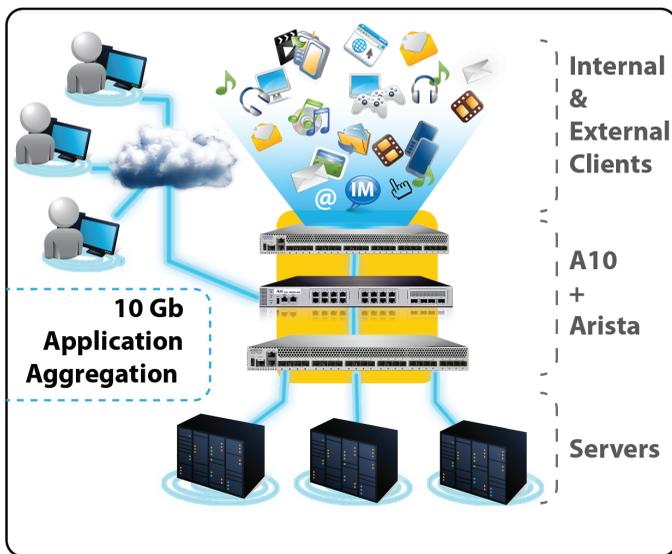
The Arista and A10 partnership shows compatibility and applicability with a multitude of applications. Investigating joint deployments from existing customers revealed a wide range of use cases and benefits, and examples include:

- Low latency: The AX Series and Arista appliances were monitored for speed, particularly latency for the FIX protocol, to ensure the fastest execution for stock trading transactions. In a real world test, latency was typically < 12-15 microseconds with Server Load Balancing and transparent Layer 2 NAT. Alternative vendor combinations from traditional "market leaders" in the same test resulted in 90-100 microseconds latency. A10 and Arista were the obvious choice.



Financial: High Speed Trading

- 10 Gb enabled critical infrastructure: A greenfield site deployed a new network at a high-profile, multi-billion dollar entertainment related project. When it came to choosing a cost effective 10 Gb solution for mission critical operations, A10's AX ADCs and Arista switches were chosen for the project. The solution offered the speed required with plenty of room for growth at an unbeatable return on investment (ROI) and highly "green" data center friendly compact form factor.



Entertainment: Application Fluent Control Point

About Arista Networks

Arista Networks was founded to deliver networking solutions for large data center and high-performance computing environments. Arista delivers a portfolio of Gigabit and 10 Gigabit Ethernet switches that redefine network architectures, bring extensibility to networking, and dramatically change the price/performance of data center networks.

At the core of Arista's platform is the Extensible Operating System (EOS™), a ground-breaking network operating system with single-image consistency across hardware platforms, and modern core architecture enabling in-service upgrades and application extensibility.

Arista's team is comprised of experienced management and engineering talent from leading networking companies. Arista designs revolutionary products in California and delivers them worldwide

through distribution partners, systems integrators and resellers with a strong dedication to partner and customer success.

About A10 Networks

A10 Networks was founded in 2004 with a mission to provide innovative networking and security solutions. A10 Networks' AX Series is the industry's most innovative advanced traffic manager, helping enterprises and ISPs maximize application availability through a high-performance and scalable Application Delivery Platform. The AX's Advanced Core Operating System (ACOS) architecture is revolutionary by market standards due to Scalable Symmetrical Multi-Processing (SSMP). ACOS includes an optimized multi-CPU architecture built from the ground up that leaps the competition in terms of load balancing performance, scalability and reliability. AX Series new generation load balancing appliances are integrated 64-bit offerings (with both 64-bit ACOS and 64-bit hardware).

Cost Effective Advanced Solutions without Compromise for Every Network

A10 Networks and Arista Networks deliver new and innovative solutions that enable competitive advantage. Both companies' products create reliable high performance and low latency networks for supporting new technology roll-outs or more demanding network requirements, at a budget friendly price point, which ensures organizations do not have to compromise on functionality.

To find out more please contact A10 Networks or Arista Networks at:

A10 Networks: www.a10networks.com

Email: inquire@a10networks.com

Arista Networks: www.aristanetworks.com

Email: info@aristanetworks.com