

Situation

Game Flier is a leading online gaming provider in Taiwan. The company has 300 employees and 10,000 to 20,000 connections inside its Web portal server at any given time. To optimize response time for its Web portal systems, Game Flier's network is structured as a server farm. At the front of the servers, Game Flier has existing network infrastructure including routers, switches, firewalls, and intrusion detection/intrusion prevention (IDS/IPS) appliances.

With online gaming customers increasing, Game Flier needed a server load balancer solution to ensure that its Web portal's applications are always available, scalable for new users and performing to deliver the best possible experience for its customers. Upon initial evaluation, traditional server load balancer solutions were not able to improve the performance of Game Flier's gigabit throughput network, which could create network bottlenecks during online game use that are unacceptable to the customer.

Solution

Game Flier selected A10's AX 2100 because it provides the highest performance on the market at the most competitive price. The AX Series is the first family of server load balancers that is tuned for multi-core CPU systems and capable of handling today's bandwidth intensive and high volume applications such as Game Flier's Web portal system.

A key AX Series feature for Game Flier is the aFlex advanced scripting tool that customizes policies to manipulate Layer 7 traffic, which can eliminate traffic bottlenecks during peak usage conditions. aFlex is based on the industry-standard TCL programming language and does not suffer from performance degradation when numerous features are turned on, due to AX's scalable Advanced Core Operating System (ACOS) architecture that is tuned for multi-core CPUs.

In the future, Game Flier will activate the AX Series' DDoS protection feature to provide a second layer of protection for its server farm. aFlex will also be activated to examine HTTP packets and delete any information that is insecure.

Success

Since deploying the AX Series, Game Flier's Web portal servers have been performing as desired, especially during peak usage conditions. The AX Series is fronting the portal's infrastructure to increase Web server efficiency, maximize Web application delivery, scalability and performance and create a favorable online gaming experience for its customers.

"We chose A10's AX Series because it is the best price/performance server load balancer on the market and the first in the Web application delivery market that is tuned for multi-core CPU systems," said Rick Ku, MIS assistant chief for Game Flier. "The A10 team is staffed with Layer 4-7 networking experts that carefully designed the server load balancing solution that is tuned for our exact needs. As a result, we have the best server load balancer technology on the market, and our customers are happy with our application speed."

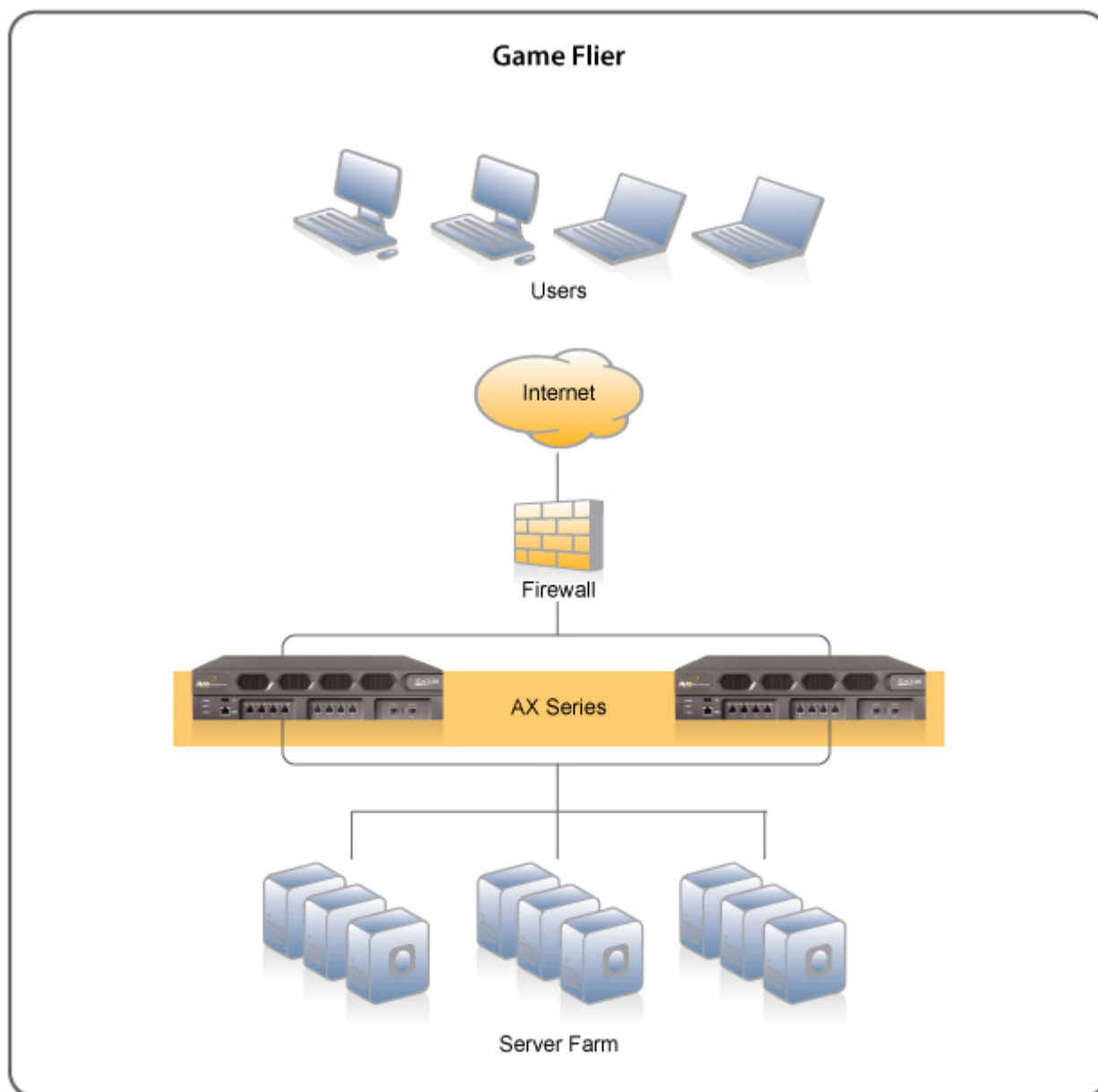
Game Flier is a leading online gaming provider in Taiwan.

A10's AX Series provides Game Flier with a high-performance server load balancing platform to ensure its Web portal applications are always performing, available and scalable for increased user growth.

"We chose A10's AX Series because it is the best price/performance server load balancer on the market and the first in the Web application delivery market that is tuned for multi-core CPU systems. The A10 team is staffed with Layer 4-7 networking experts that carefully designed the server load balancing solution that is tuned for our exact needs."

***--Rick Ku, MIS assistant chief,
for Game Flier***

Game Flier's Data Center



About AX Series

A10 Networks' AX Series is the industry's best price/performance advanced traffic manager - helping enterprises and ISPs maximize application availability through a high-performance and scalable Web application delivery platform. The AX's Advanced Core Operating System (ACOS) architecture has garnered the company numerous awards and is revolutionary by market standards due to native multi-systems support - which includes an optimized multi-CPU architecture built from the ground up that leaps the competition in terms of performance, scalability and reliability. For more information, visit: <http://www.a10networks.com/products/axseries>

About A10 Networks

A10 Networks was founded in 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