

Simplified Infrastructure and Expanded Services with A10 Networks

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Oslo-based Schibsted IT, formerly known as Media Norge IT, has approximately 60 employees dedicated to providing IT services to a number of Schibsted Media subsidiaries. Schibsted Media Group is listed on the Oslo Stock Exchange (SCH) and has operations in 25 countries, with services in the fields of newspaper, television, film, publishing, multimedia and mobile solutions. Schibsted owns many major newspapers and dailies in Norway and Sweden, such as VG, Aftenposten, Aftenbladet and Svenska Dagbladet.

Schibsted is ranked third in online classified business worldwide, just behind eBay and Craigslist. Revenues from its classified business increased to \$245 million during the first six months of 2010.

The organization has two main objectives, which include further development of the media houses and establishment of online classified services. Finn.no, a subsidiary of the Schibsted Media Group, is Norway's largest online classified website. Schibsted IT hosts and manages Finn.co, and many other Internet content providers in Norway, servicing an average of 30 million hits per day. Furthermore, the Schibsted IT division provides IT services to approximately 3,700 out of the 7,200 employees in Schibsted's workforce.

Schibsted

Industry | Internet and Web 2.0



Network Solution

A10 Application
Delivery Controllers



Critical Issues

- Legacy infrastructure, low performance and limited features



Selection Criteria

- Compact 1U solution, IPv6 support, no licensing fees, SSL Offload



Results

- Improved real server performance with a highly scalable solution

Schibsted IT Expansion Growing Pains

Due to the growing demand for online services in Norway and Sweden, Schibsted IT needed a new generation server load balancer to support high-volume traffic, with a scalable platform and advanced software features. Finn.no's online classified service has a total of 150 servers, and maintaining the environment became very demanding, creating many technical challenges.

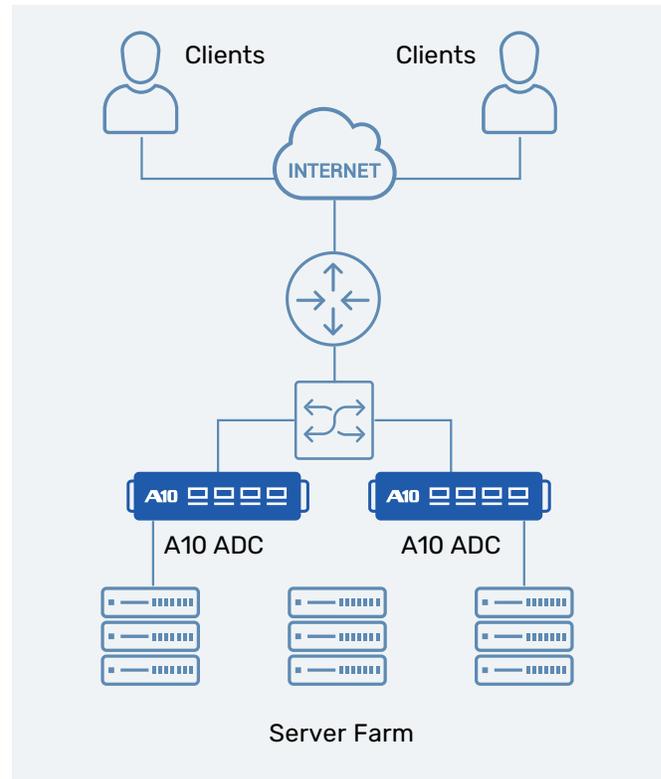
Finn.no needed a highly scalable platform that could provide Layer 7 application load balancing with multigigabit-per-second bandwidth. In addition to standard features, the new server load balancer also needed to have a rich set of advanced features, such as HTTP rewrite, SSL acceleration and IPv6 support.

As their existing load balancing equipment did not meet their new requirements, the management team began intensive research comparing the offerings from different vendors. In 2008, the network department of Schibsted IT first heard about A10 Networks at a conference in California. Even though A10 Networks was not represented in Europe at that time, Schibsted IT kept an eye on the company, sensing a potential match.

"When A10 Networks expanded into Europe, Schibsted was anxious to know more about A10's offering, so we called nLogic AS (www.nlogic.no), an A10 Channel Partner, to get an overview of the A10 ADC new generation application delivery controllers."

— Sven Andreassen
System Administrator for Schibsted IT

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Seeking the Right Solution

"A10 Networks was able to meet our requirements in the most effective way," said Andreassen. In addition, the Schibsted IT team was impressed with the expertise of the local A10 Networks team, who were able to deploy the A10 ADC without service interruption.

A10 Networks recommended deploying a pair of 64-bit A10 ADC models in Schibsted's data center. The A10 ADC has an innovative shared-memory and multi-core, multi-CPU Advanced Core Operating System (ACOS®) architecture with 10-Gb ports. the finn.no domain.



Since August 2011, Schibsted IT has been using the A10 ADC as a core component of www.finn.no. In setting up the network infrastructure for Finn.no's online classified service, Schibsted IT used HTTP server load balancing, cookie persistence, SSL acceleration and header inserts. In the near future, Schibsted IT plans to implement advanced URL switching and provide IPv6 support for the finn.no domain. In addition, a second cluster of A10 ADC load balancers will be deployed in the core of the newspaper web farm, which hosts a number of major Norwegian newspapers.

Schibsted's web farms are mostly Linux-based, with a mix of commercial and open source software. A10 Networks' products are a strong part of this network and routing infrastructure.

"For us, the cooperation with A10 Networks will lead to a long-term relationship,"

— Sven Andreassen
System Administrator for Schibsted IT



A10 ADC: Additional Benefits That Can Help All Growing Companies

Schibsted leverages the A10 ADC to obtain the benefits outlined above with the following features:

SSL Acceleration:

The 64-bit A10 ADC has a highperformance SSL acceleration ASIC that can support up to 205,000 SSL transactions per second. SSL acceleration improves server response time and reduces the number of servers required in a web server farm.

64-bit Platform:

The A10 ADC includes A10's native 64-bit ACOS and runs on purpose-built 64-bit hardware. When the two technologies are used together, each processor core is freed from the 4-GB memory limitation associated with all other 32-bit Operating Systems, thus enhancing performance. The A10 ADC also includes 10-Gb ports for future proofing the investment.

Intuitive Management Interface:

The A10 ADCs' Graphical User Interface (GUI) is designed to provide a user-friendly experience, which new users find easy to navigate. For power users, the A10 ADC also offers an industry-standard Command Line Interface (CLI).

Success: A10's Solution Prepares Schibsted for Future Growth

The deployment of the A10 ADC simplified Schibsted IT's infrastructure tremendously, while simultaneously enabling the firm to deploy features that help support Finn's growing traffic and expanding services.

The system administrators now enjoy a tidy, clean environment with 100% stability. In one year, the site's traffic increased approximately 30%, an achievement that would have been impossible before the 64-bit A10 ADCs were introduced. In addition, the A10 ADCs' performance is remarkable, delivering headroom to double Schibsted's network traffic.

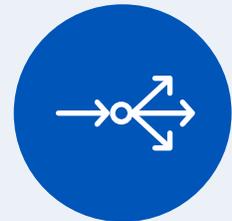


About A10 Application Delivery Controllers

A10 ADC is a scalable, high-performance application networking platform that delivers enterprises, web properties and Internet Service Providers (ISPs) with superior reliability and an energy-efficient footprint for low total cost of ownership (TCO). With A10 ADC, customers of all sizes benefit from application availability, scalability and performance, increased infrastructure efficiency and a faster end user experience. The A10 ADC has a comprehensive Layer 4-7 feature set and flexible virtualization technologies such as A10 Networks aVCS® Virtual Chassis System, multi-tenancy and more for public, private and hybrid cloud environments. In addition, A10 ADC leads in IPv6 migration technologies with many large-scale deployments worldwide. A10 ADC delivers an industry-leading return on investment (ROI) by leveraging A10's 64-bit Advanced Core Operating System (ACOS), with a scalable shared-memory parallelism architecture that surpasses the competition in scalability and flexibility.

For more information, please visit:

A10networks.com/products/thunder-adc/





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A10 Networks provides security and infrastructure solutions for on-premises, hybrid cloud, and edge-cloud environments. Our 7000+ customers span global large enterprises and communications, cloud and web service providers who must provide business-critical applications and networks that are secure, available, and efficient. Founded in 2004, A10 Networks is based in San Jose, Calif. and serves customers globally.

For more information, visit [A10networks.com](https://www.a10networks.com) and follow us [@A10Networks](https://twitter.com/A10Networks).

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