netrics

Executive Summary

Industry

- Modern Workplace, Cloud and Colocation Service Provider

Environment

- 100 employees
- 7 data center facilities
- >250 customers in the cloud
- www.netrics.ch/en/
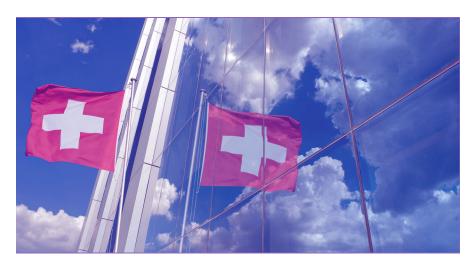
Technology Needs

- Network hardware refresh
- Increased bandwidth and route scale memory
- Scalable infrastructure built to support aggressive business growth

Extreme Solution Components

- ExtremeRouting™

Results

- Upgraded hardware with new, state-of-the-art ExtremeRouting SLX 9640 equipment
- Attained better bandwidth and absorb speed mismatches and handle microbursts with consistent high performance
- Gained the reliability necessary for quality public cloud services
- Positioned business for successful growth with improved scalability

Netrics Zuerich AG, Increases Route Scale Memory and Bandwidth, Prepares Network for Future Growth

Founded in 2004, Netrics Zuerich AG is a Swiss information technology company providing colocation and cloud services to both regional companies and enterprises abroad who require storage within Switzerland. Today, they operate three data center facilities in Switzerland, all ISO certified and FINMA approved.

Netrics also offers complete hybrid solutions, highly specialized in consulting on which applications to put in the cloud, as well as migrations. With a diverse customer base including mid to large-sized businesses across all industries, from financial service providers to pharmaceutical companies, Netrics customers all have one thing in common: they need security and reliable communications.

As the company continued to grow, they needed to increase their storage, bandwidth and scalability. After a stringent RFP process, the team at Netrics first selected Extreme Networks for their Core MPLS backbone. Then Netrics selected Extreme as their preferred network vendor. It was obvious that Extreme continued to help and set to work on increasing Netrics's network bandwidth to accommodate new customers.

Fast-Growing Colo Company Faces Route Scale Memory and Bandwidth Limitations, Seeks Enhanced Capacity

Netrics began as a colocation provider but expanded into additional information technology services as their customer base continued to grow. With colocation space available in multiple facilities and public cloud services through Microsoft Azure, their offerings were diversifying. "We started off with colocation. Today, we do a considerable amount of platform as a service and infrastructure as a service," said Mike Kellenberger, Network and Security Team Leader at Netrics Zuerich AG.

Route scale memory began to exceed what the network team could allocate with their hardware and performance was suffering as a result. In addition, their ability to scale was being impacted. With requirements increasing daily, it became necessary to increase route scale memory for their growing BGP routing table to save rack space, reduce power consumption and increase performance. Netrics also planned to increase bandwidth to facilitate new customers and greater capacity needs.

Netrics's public and private cloud services are integral to the success of their customers and continued expansion. Given the dynamic multi-cloud landscape of today, it's important that every Netrics cloud customer receives the perfect solution for their needs. "We need to be able to rely on our network infrastructure because our customers do. The network must be up to date and state of the art to keep up with our cloud offerings," explained Lea Lutz-Knobel, Netrics Marketing Manager. Data center agility is a key component of success.

The team at Netrics evaluated several network vendors and decided Extreme delivered the highest value cost effectively. With a previously established relationship with Extreme, it was an obvious choice.

"We have to plan for scaling beyond what we need today so our investment will be worth it within the next few years. Extreme Networks has delivered a complete, future-proofed solution."

**Mike Kellenberger,
Network and Security Team Leader,
Netrics Zuerich AG**

New Equipment and Perfect Network Performance Lead to a Healthy Operating State and Happy Customers

The Extreme engineering team partnered with Netrics to plan a network upgrade that would exceed the expectations of their customers. Migrating an operational core network is not an easy task, but thanks to a detailed migration plan and proper preparation, disruptions during the migration phase were reduced to a minimum, taking place only during predefined maintenance windows.

After their implementation was complete, Netrics experienced an immediate increase in performance. "We have reliable equipment that we trust and a reliable network that works. This is what our customers want," Kellenberger said. With no interruptions or network performance issues to contend with, their network and IT team is free to focus on their customers. In addition, more memory has allowed Netrics to consolidate rack space and reduce power consumption.

For IT services providers, the core network is crucial because it enables reliable communications and bandwidth. Plus, the Netrics team enjoys unfettered access to support resources when they need a helping hand. "Extreme support is really good," recalled Kellenberger. "They call back immediately and the response time overall is excellent."

As Netrics continues to exceed their business goals, they're well-positioned for scalability and ample bandwidth to work with on the new Extreme equipment. "Thanks to Extreme, we're prepared for the future," Kellenberger concluded.

http://www.extremenetworks.com/contact