

# Arista Networks: Network solution for Amigo!Net



## WHY DID AMIGO!NET CHOOSE THE ARISTA SOLUTION?

### AMIGO!NET

Local provider with more than 15 years of history in providing telecommunication services. The company's goal is to expand the gigabit community to both residential and business customers. With the development of fiber optic infrastructure in recent years, the company's main focus has been on building open fiber networks. That is, networks that have the idea of unifying telecommunications service providers into a single infrastructure, reducing the number of cables in homes while offering a highly competitive environment that will benefit the end user in the form of the best offerings in the market.

### ARISTA

World leader in building scalable, high-performance, low-latency networks into modern datacenter and cloud environments with reduced environmental impact. Arista Networks platforms cover speeds from 10 to 400 gigabits per second and completely transform the price/performance ratio of network environments. It focuses on solving real-world networking problems with software innovations built on an open, standards-based framework that enables customers to create fully automated and programmable infrastructures that provide the foundation for today's and tomorrow's data centers. Arista has already shipped more than 20 million network ports globally equipped with the advanced Extensible Operating System (EOS), which is based on a stable and open Linux kernel, meaning all switches operate on a single common image.

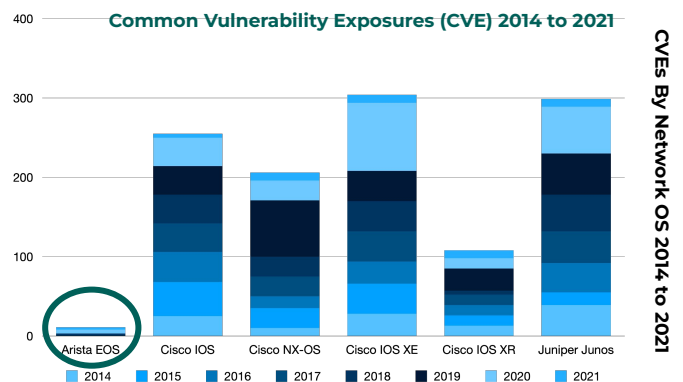
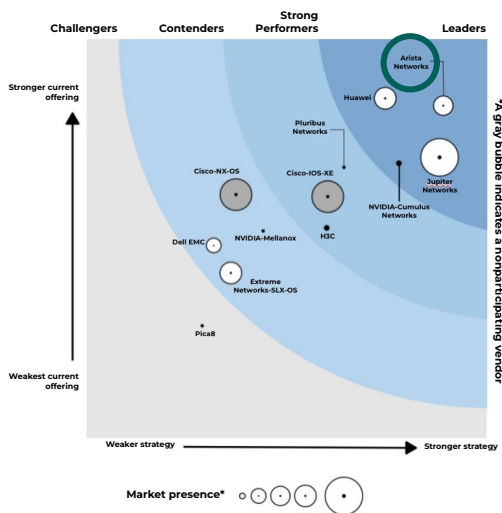
### AMIGO!NET - Tomáš Tyll

Tomáš Tyll has been a customer of Prozeta for several years. "The cooperation is great for me. We know what we want and Prozeta knows what we want. This makes communication much easier. Thanks to Arista and its CloudVision platform, we are always able to measure application performance or network health, monitor advanced telemetry on switches and routers, and set up what we need where, even through an advanced API. We're trying to automate our work as much as possible, and the API helps us a lot. For example, with DHCP Option 82, we can easily assign a connection to a new client router without lengthy communication from both sides."

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## INDUSTRY RECOGNITION



## UNIQUE OPPORTUNITIES

Modern network management is simplified with Arista CloudVision - a management plane designed for use in, for example, datacenters or multicloud environments, giving clients the ability to use a range of advanced services such as cognitive analytics for training AI and machine learning models or Arista CloudTracer integration to visualize available network connectivity and services across the cloud environments in use.

Arista offers Czech customers a number of benefits that are otherwise difficult to find on the Czech market. "Arista offers L3 switches, and Arista also has Control Plane and Data Plane. In Control Plane you set up your network (binding to OSP and BGP Session) and sort it into subnets, and in Data Plane the requests are then processed by hardware. It's fast, reliable and you basically have unlimited capacity."

## MAXIMUM RELIABILITY

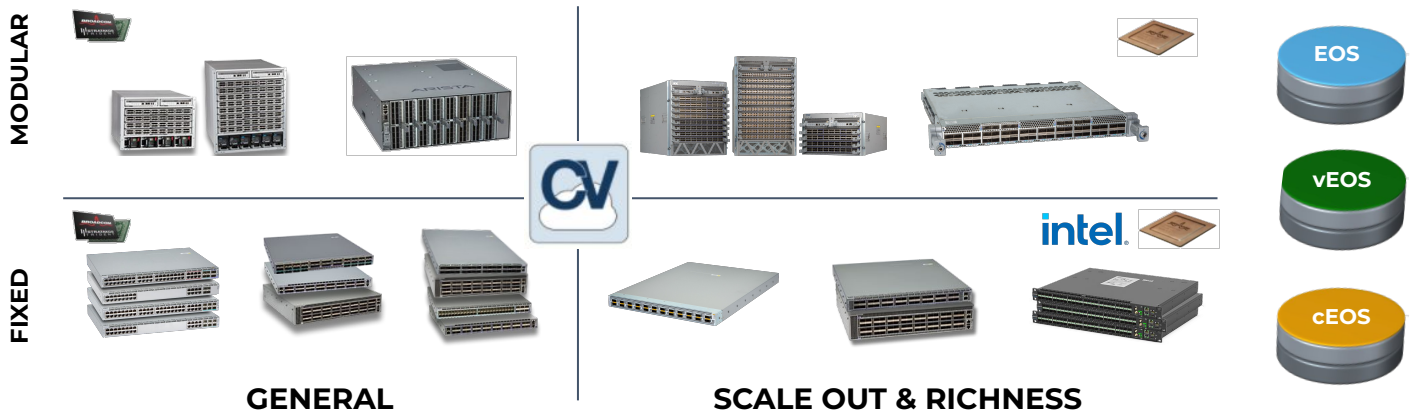
The fully programmable, modular, Linux-based Arista EOS network operating system follows long-tested industry standards and offers an incredibly resilient, robust platform with easy scalability to client needs and unprecedented insight into the overall state of the infrastructure.

"We have two server rooms - when one stops, everything runs through the other. But it's necessary to drive to the site, check the servers, or fix a failure." Unless you have services with Arista. "Of course, after we started using Arista, we checked at first that everything was working as it should. But later on - it's like we forgot about it. Then when we checked the device after a long time, we found out that they have had 100% uptime for 3 years. They work - in short, they do what they are supposed to do."

In a good way, you actually forget you're using Arista. "We've had the switches installed for 5 or 6 years and in all that time we haven't had to deal with them in any way. We're a smaller ISP and easy, seamless network operation is important to us. The entire backbone of our network is built primarily on Arista Networks. We have aggregation switches in Litoměřice, Lovosice, Velké Březno, Ústí nad Labem and Prackovice, and Arista is everywhere."

"You configure the system once and it works absolutely smoothly from then on." - Tomáš Tyll, owner of AmigoNet s.r.o.

## ARISTA SOLUTIONS - MERCHANT SILICON, ONE EOS, ONE CLOUDVISION



## SINGLE CONSISTENT EOS IMAGE ACROSS ALL PLATFORMS ACROSS MULTIPLE APPLICATIONS

TELEMETRY  
& ANALYTICS

CAMPUS

ROUTING

IP STORAGE  
& PEERINGDC & DCI  
NETWORKING

MEDIA &amp; ENT.

CLOUD

## SAFETY WITHOUT COMPROMISE

A network is only as secure as its weakest link, and Arista's zero trust policy ensures that your network has no weak links. By combining partner solutions and Arista's own security products, such as the DANZ Monitoring Fabric network packet broker, you achieve untouchable security while maintaining perfect visibility of every packet that passes through the network.

"In today's day alone, we have received notifications that 12 forms of attacks and suspicious traffic have failed. We use sFlow to forward data to FastNetMon. It evaluates and blocks the anomalies in the background, so we don't have to worry about it at all." The security solution offered by Arista is comprehensive and automated. "On Arista, we can set up definitions of known attacks and simply continuously secure, for example, the client's ports - the client doesn't even know about it. We actually delete attacks before they actually happen. It's almost magical, and the Arista's hardware makes it fast and easy. Plus, the L3 switches handle it automatically."

"If Arista had G-PON, I'd replace pretty much everything with it," Tyll concludes.

## UNRIVALLED SUPPORT

The strategic partnership between Prozeta and Arista Networks ensures full customer support, 24/7. Proactive monitoring of infrastructure status allows potential problems to be resolved before they occur.

## SUITABLE FOR EVERYONE

A wide range of modular and fixed routers and switches ensures that every company can choose the most suitable device. Thanks to Arista's robust partner ecosystem, integrating different technologies and partner solutions such as Ansible, Check Point Software Technologies or Fortinet is no problem.

Who is Arista ideal for? "I think for anyone who has their own autonomous systems. Anyone who wants their BGP server at a high level and at maximum quality. We analyzed a number of solutions, some were too expensive, others too complicated. With Arista, you just have to study a short manual, choose the appropriate options and then everything works perfectly. You try it, you set it up - it works. Configuration takes only a few days, Arista is really great at this.

## CASE STUDY



### LOCATIONS

Our primary market for hosted services is the EMEAR region. Main Arista locations are Frankfurt, Prague, Dubai, and Bratislava. All of these cities are strategically located in the center of Europe and Middle East; bringing low latency to almost any European and Middle East country.

### DATA CENTERS

All of our datacenter are carefully selected through a distinguished selection process. We make sure our data centers will stay on-line at all times and provide secure place for our technologies and your applications.



## Prozeta

### ABOUT US

Prozeta is a strategic partner of customers that treat their IT operations as business-critical. Customers from more than 20 countries rely on our products and our engineering support. They leverage state-of-the-art technologies from our high-performance private cloud services to video delivery platforms to next-generation networking products and IoT.

### OUR MISSION

We understand that IT these days is the most critical part of our customer's daily operations. Thus we build our services as always-up, with security in mind and providing extraordinary insight to our customers. We believe that the complete transparency builds trust.

### 24/7 SUPPORT

Our 24/7 support team staffed with certified system engineers is ready to help in any situation. We proactively monitor our infrastructure and handle potential issues before they impact our customers. Talk to our experts and get issues solved using well-tested practice methods.

### PROFESSIONAL SERVICES

We help our customers to migrate their workloads to our infrastructure, tune applications and leverage the most from our products and services. We offer trainings to our customers so they can get the internal knowledge they need.

### PARTNERS



### CERTIFICATIONS



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