



Case Study : Techevolution and Aviz

Techevolution's Network Upgrade - Harnessing Aviz and SONiC NOS for Enhanced Efficiency

Key Results

- **Cost Efficiency:** Significant reduction in operational and capital expenses.
- **Modernization:** Transition from Pica8 to Aviz and SONiC on Edge-Core hardware.
- **Enhanced Support:** Deep SONiC global assistance

About Techevolution

Techevolution, founded in 1996, is a full-service hosting and managed services provider known for offering specialized Internet and IT solutions to individuals, small businesses, and corporate clients. With a diverse range of technology offerings and a commitment to customer-centric services, Techevolution has established itself as a trusted partner in the tech industry, adapting and expanding its services to meet the ever-evolving needs of its broad client base.

Strategic Issue

Techevolution faced challenges with Pica8's ability to meet their needs in a complex environment. After months of trying to deploy Pica8, coupled with unstable software and an inability to understand the changes and requirements needed to operate, Techevolution went through an evolution of their own with Aviz and SONiC. To keep pace with modern data center demands, a comprehensive network architecture refresh was required. Techevolution had been seeking a more robust solution and an alternative to the traditional vendors and associated high costs for hardware maintenance. When Pica8 could not meet their requirements, Techevolution turned to EPS Global who instantly introduced Aviz Networks to support their SONiC evolution.

Problem

Pica8 could not support the complexity within Techevolution's multi-tenant spine-leaf network design with symmetric IRB. This design is critical to Techevolution's dynamic nature to support customers of all sizes from local municipal organizations to Large Enterprise. An adaptive and modern network infrastructure is critical for achieving their mandatory service-levels, architecture, and customer-driven performance.

Solution

Techevolution has adopted SONiC with Aviz ONES, a strategic update that will not only reduce costs, but also streamline their network operations, monitoring, and utilizes the latest AI-Ready network fabric to boost data center performance. Aviz adaptive support for all forms of SONiC provides Techevolution with ability to choose the hardware they want, the capabilities they need, and provide the service-levels their customers demand.

Competitors

Pica8

Why Choose Aviz

Techevolution selected Aviz Networks for its intuitive NetOps and Observability platform, Aviz ONES, cost advantages, robust SONiC support, and ease of monitoring their environment, ensuring a reliable and scalable network foundation.

Scale of Deployment

As a Mid-Market Service Provider, Techevolution works with customers of every size and vertical, from government to retail and hospitality. Techevolution's Aviz-powered SONiC deployment proves that SONiC can drive business of all sizes, regardless of their customer base or need.

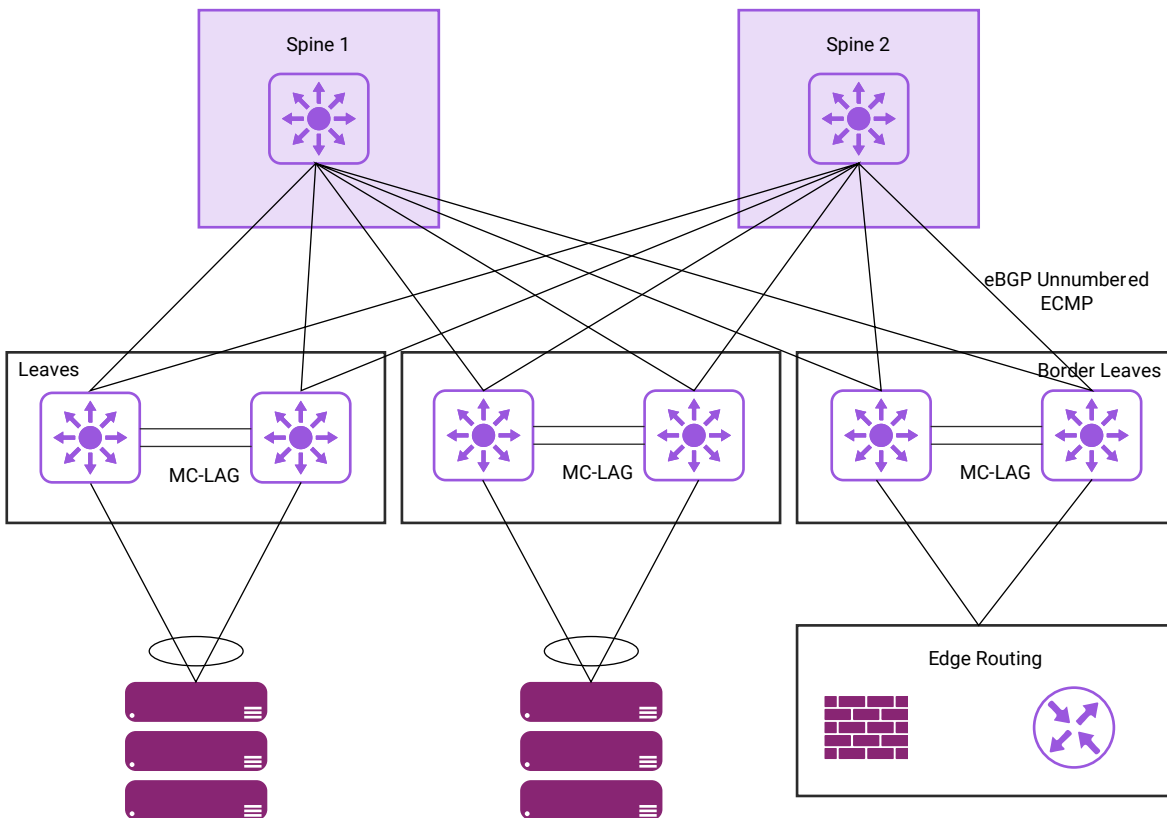
Protocols

Techevolution leveraged advanced protocols such as EVPN-VXLAN, BGP, MC-LAG, and SAG

Partnerships

EPS Global was instrumental in enabling this transformation, providing expertise and resources to ensure a seamless transition and robust operation for Techevolution. EPS Global recognized the customer's need and challenges early-on, and pre-emptively guided the customer to an Aviz-powered SONiC solution to ease their challenges and move them forward.

Architecture Diagram



Quote from Techevolution: “Moving to Aviz and SONiC will streamline our operations and will significantly reduce our costs. This transition will set a new standard for efficiency and scalability within our network infrastructure,” said Seth Chouinard Senior Network Engineer, Techevolution

Outcome

Techevolution's strategic update with Aviz Networks and SONiC markedly improves their data center operations by enhancing flexibility and reducing costs. The move away from Pica8 to an open-source based, community-backed platform not only optimized their financial expenditure but also strengthened network capabilities and scalability.

Organizations looking to modernize their data centers can consider Techevolution's successful migration away from Pica8 as a model for rapid evolution to a modern AI-Ready network fabric that can service customers of any size. Contact Aviz Networks to explore how SONiC can elevate your network operations, enhancing efficiency and reliability. Visit www.aviznetworks.com for more information or to schedule a consultation.