



VyOS

The universal networking platform



/ VYOS SUCCESS STORY

Revolutionizing Enterprise Networking: Stratus Networks Journey to Innovation with VyOS

JANUARY 2024

Introduction

Stratus Networks, a company renowned for its strong connections and commitment to excellence, transformed their network infrastructure amid challenging industry landscapes. With a legacy of over two decades in providing world-class technology and services, their innovative pivot to VyOS not only resolved pressing security and cost concerns but also propelled them into a new era of network management.

The Challenge

In 2017, Stratus Networks encountered a significant obstacle. Their existing Cisco routers at customer premises were nearing end-of-life, raising concerns over security vulnerabilities and the looming financial burden of equipment upgrades. Additionally, maintaining these aging routers became increasingly untenable. The company had to contend with the logistical complexities of replacing a vast number of units, which could disrupt service continuity and client operations.

Exploring Solutions

Stratus Networks sought a cost-effective yet reliable solution. Their journey led them to consider white box networking and the development of a customized routing solution that would give them more control and flexibility.



Selecting VyOS

After evaluating various software options, VyOS emerged as the preferred choice due to its superior performance, robust network-centric feature set, and Linux compatibility. This decision marked a pivotal shift in Stratus's approach to networking solutions.



VyOS has revolutionized our network management. Its flexibility and range of capabilities are unmatched. It's like a versatile Lego set, allowing us to build tailored solutions for our clients." - Ben Russell, CTO at Stratus Networks

Implementation: The MSR Router

Stratus Networks collaborated with a California-based OEM to design a bespoke hardware router, named the MSR router. This hardware, combined with the VyOS software, became a cornerstone of Stratus's service



offerings. The integration of VyOS into their network was seamless, albeit with some initial challenges that were swiftly addressed.

Impact and Results

- **Cost Efficiency:** Transitioning to VyOS led to substantial savings on support costs compared to the previous Cisco infrastructure.
- **Enhanced Control:** The COVID-19 pandemic highlighted the resilience of Stratus's approach. Their independent supply chain for routers, powered by VyOS, ensured uninterrupted service, setting them apart from competitors.
- **Innovation:** The MSR router, equipped with VyOS, facilitated the development of Secureport, enhancing service reliability and cementing customer trust.

Conclusion

Stratus's journey with VyOS is a testament to the power of innovative solutions in overcoming technological and operational challenges. This partnership not only highlights VyOS's capabilities but also showcases Stratus's commitment to delivering exceptional service to its clients.

About Stratus Networks

Stratus Networks stands out in the industry with its unique approach to networking solutions. They specialize in creating an outage-proof network with wireless backup, ensuring continuous operation. Based in Illinois, Stratus Networks prides itself on being a boutique provider, offering personalized service that includes dedicated project management and consultative technical support. Their services span across dedicated internet access (DIA), business internet access (BIA), Stratus Broadband Internet (SBI), and private networking services including SD-WAN and MultiLinQ. Moreover, they excel in contingency planning with solutions like Secure Port and wireless backup.

