



VyOS

The universal networking platform



/ VYOS SUCCESS STORY

VyOS Empowers Wholesale Distributor Lexit Group with Unmatched Flexibility and Reliability

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The Challenge

Lexit Group AS, a prominent wholesale distributor specializing in integrated solutions, assets, and products within both data capture & digitalisation and industrial coding & marking, faced the pressing need for a robust on-premises firewall and edge router solution across their multiple sites in Norway, Sweden, and Denmark. With outdated FortiGate firewalls in their offices and an aging PfSense setup in their data center, Lexit Group sought a modern, flexible, and reliable network operating system (NOS) to address their growing networking requirements.



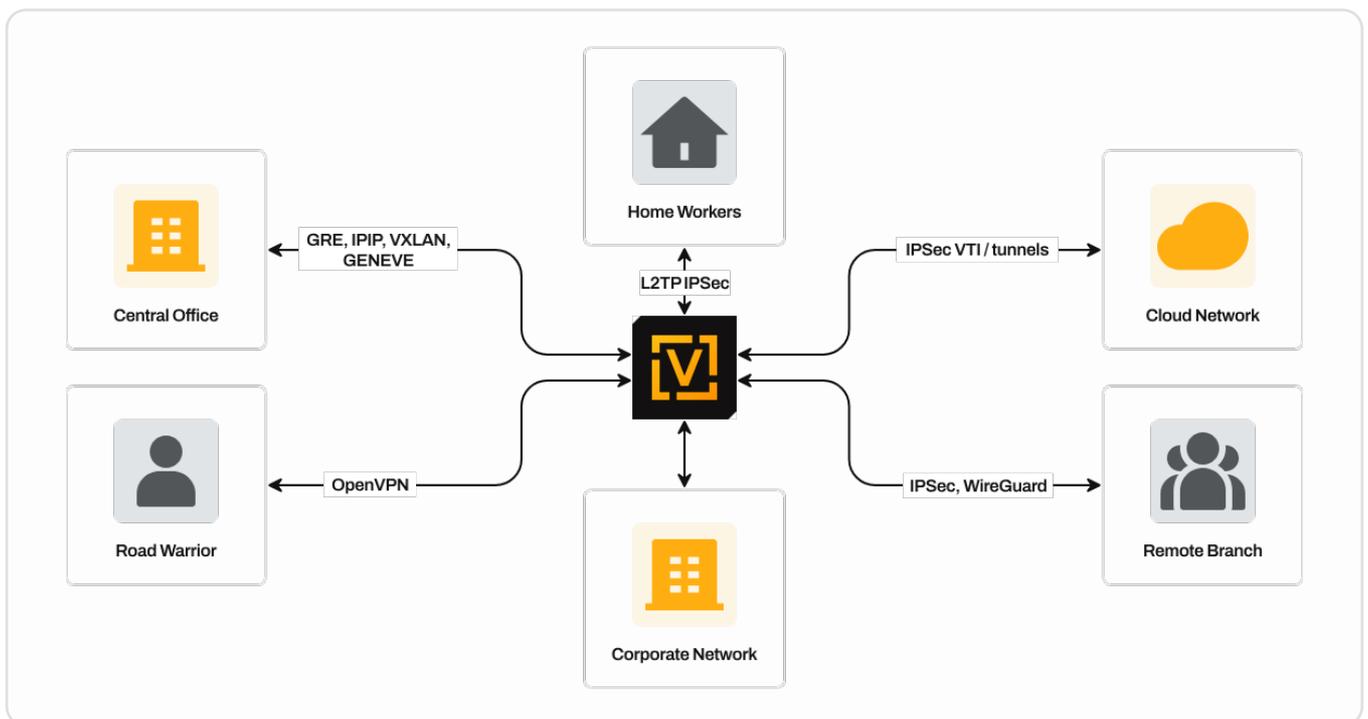
Why VyOS?

Among the options evaluated, VyOS emerged as the clear choice for Lexit Group. While the team had been accustomed to the constraints of PfSense and FortiGate, **they were intrigued by VyOS's unmatched flexibility and adherence to the Unix philosophy** of "do one thing well." Although the initial transition to VyOS required some adjustment, the team recognized its potential to address their complex networking requirements effectively with the support and assistance from VyOS technicians.

Solution and Benefits

- Lexit Group began their deployment of VyOS approximately 18 months ago, replacing FortiGate firewalls at their office locations and implementing VyOS in their new data center, where PfSense had previously been in use. By adopting VyOS, Lexit Group transformed their network architecture from a hub-and-spoke configuration to a more versatile mesh setup.
- The implementation of VyOS allowed Lexit Group to leverage static routes, ensuring continuous operation of their network, even though high availability (HA) was not initially implemented. Notably, the data center now boasts failover capabilities, further enhancing network reliability.
- One of the decisive factors in choosing VyOS was the **ability to build their own hardware due to supply chain challenges**. This aspect offered Lexit Group the desired freedom and ensured the uninterrupted operation of their network infrastructure. Additionally, VyOS licensing presented an attractive pricing structure, aligning well with their budgetary considerations.
- Since adopting VyOS, Lexit Group has experienced exceptional results and continues to rely on VyOS as their go-to networking platform. The unparalleled support provided by the VyOS team surpassed expectations, even before any formal agreements were in place. During a critical deployment phase with tight timelines, Lexit Group received invaluable assistance from the VyOS support team, which prompted them to invest further in support services.

- Moreover, VyOS's hardware flexibility has already proven its worth by saving Lexit Group from supply chain disruptions. The ability to split network functions into multiple systems, as opposed to consolidating them into a single box, has empowered Lexit Group to focus on specific tasks, such as utilizing newer technologies like Wireguard and bridging external networks and the LAN seamlessly. The separation of functions has also allowed them to explore alternative solutions, such as using OpenVPN behind the VyOS firewall for client VPN IP assignment based on ID, thereby amplifying the network's flexibility.
- Looking to the future, Lexit Group plans to enhance their network infrastructure by transitioning from static routes to OSPF and exploring containerization.



VyOS has proven to be the perfect match for Lexit Group, enabling them to overcome their networking challenges through unmatched flexibility, reliability, and exceptional support. With VyOS as their trusted partner, Lexit Group is poised to conquer new horizons in the wholesale distribution industry.