



VyOS
Networks

COMPANY PRESENTATION

AGENDA

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COMPANY PROFILE

WHO WE ARE

VyOS is an advanced network operating system built to seamlessly operate across multi-cloud environments, hypervisors, and bare-metal platforms. Designed with flexibility and scalability in mind, VyOS delivers a comprehensive suite of networking capabilities including edge routing, VPN concentration, Cloud gateway, firewalling, and more, all within a unified and consistent platform.

WHAT WE DO

We specialize in infrastructure software for routing, firewalling, VPN, and traffic management, empowering service providers, cloud operators, and enterprises globally.

OUR MISSION

We enable infrastructure sovereignty, helping organizations build secure, scalable, programmable networks under their control.

KEY FACTS

- **Founded in 2013**
- **Self-funded and Profitable**
- **22.7% YoY Growth**
- **1,500+ Customers Globally**

THE VYOS ADVANTAGE

PROBLEM

Modern networks span across cloud, edge, and on-premises, traditional appliances are rigid, hardware-bound, and complex.

SOLUTION

VyOS is a modular, software-based network OS that replaces legacy solutions with one universal platform.

CORE FEATURES

- **DEPLOYMENT**
Bare metal, VM, containers, public/private cloud
- **PROTOCOLS**
BGP, OSPF, WireGuard, IPsec, VRF, NAT, VRRP
- **TOOLING**
HAProxy, Prometheus, Ansible, Terraform, REST APIs

PRODUCT TRACKS

- **LTS**
Long-term, production-ready
- **ROLLING**
Dev/test environments
- **STREAM**
Preview upcoming LTS features

PLATFORM DIFFERENTIATORS

- **HARDWARE/VENDOR AGNOSTIC**
- **CONSISTENT ACROSS ENVIRONMENTS**
- **AUTOMATION-NATIVE (TERRAFORM, API, CLOUD-INIT)**
- **BUILT-IN OBSERVABILITY, HA, ROLLBACK**

ROADMAP - 1.5 LTS (JANUARY 2026)

High-performance routing with VPP/DPDK for low-latency and high-throughput demands.

REAL-WORLD USE CASES

CORE & ADVANCED ROUTING

- Dynamic Protocols: BGP, OSPF, VRF, MPLS
- Network Roles: Core router, border router, route reflector

FIREWALLING & TRAFFIC CONTROL

- Edge Firewall: Zone-based firewall with multi-VRF segmentation
- Web Proxy & Logging: Squid-based filtering and GeoIP-based traffic control

AUTOMATION & CI/CD INTEGRATION

- Deploy with Terraform, Ansible, SaltStack, and cloud-init
- Automate configuration and monitoring via REST API

VPN & SECURE CONNECTIVITY

- VPN Concentrator: Aggregate remote tunnels with WireGuard, IPsec, OpenVPN
- Hybrid Cloud Hubs: Secure connections across AWS, Azure, GCP

HIGH AVAILABILITY & INTERCONNECT

- ISP Edge Deployments: Bare-metal BGP routers in HA clusters
- Data Center Interconnect (DCI): VyOS HA clusters across clouds and sites with WireGuard or FastConnect

WHO WE SERVE



PRIMARY SEGMENTS

- MSPs, CSPs, and IaaS providers
- Tier-2 ISPs and regional operators
- DevOps-led SaaS, fintech, and R&D teams
- Public sector and academic institutions
- Industrial enterprises in energy, media, manufacturing



KEY PERSONAS

- Network Architect: Needs flexible, protocol-rich platforms
- DevOps Lead: Focused on CI/CD and automation hooks
- CTO/VP Engineering: Values scalable, future-proof design
- Security/Procurement: Seeks transparency, support, and SLA assurance

PAIN POINTS WE SOLVE

- ✓ Unifying routing, firewall, VPN in one stack
- ✓ Enabling IaC provisioning at scale
- ✓ Eliminating vendor lock-in
- ✓ Providing secure hybrid/multi-cloud gateways

WHY VYOS WINS

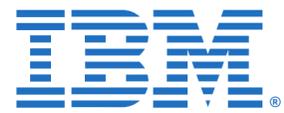
- ✓ Single software stack for all environments
- ✓ Complete protocol stack (BGP, MPLS, VRF, HA)
- ✓ Full automation support
- ✓ Custom image creation and rollback
- ✓ Enterprise support options

CUSTOMER INSIGHT

- Commonly replaces Cisco and Juniper in hybrid and BGP roles
- Chosen for automation, consistency, and vendor neutrality



CUSTOMERS & PARTNERSHIPS



CUSTOMER STORIES

IONOS

Carrefour

BOSSERS & CNOSSEN



Concentus

x-ion GmbH

Stream IT Networks LLC

Adam

TAKEASP
SAP Basis-projekte-remote.cloud

IONOS

Scaled to 400+ VyOS instances; 20 Gbps+ throughput

CARREFOUR BELGIUM

60% lower network cost on GCP with VRFs

BOSSERS & CNOSSEN

Reliable multi-site VPN and routing

UNIVERSITY OF MADRID & CLC AFRICA

NFV-ready training labs via VyOS

CONCENTUS

Replaced Juniper MX; enabled DDoS automation

X-ION

Migrated from BIRD; reduced incidents and prepped for VPP

STREAM IT NETWORKS

Rural ISP scaled with eBGP and open hardware

ADAM DATA CENTER

Seamless OpenStack integration with IPsec

TAKEASP

Dual-homed BGP with cloud IPsec—resilient and production-ready





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