

## Secure Virtualized Networking for Telecommunications

# Secure Network Connectivity to Reduce Available Attack Surfaces and Prevents Downtime

As the cloud expands and the number of connected devices increases, the telecommunications industry is an increasingly popular target for cybercriminals. The ING Group<sup>1</sup> predicts the number of attacks, as well as attack impact, will continue trending upward as digital connectivity and 5G networks grow. The companies and regulatory agencies within the telecommunications sector — fixed-line and mobile internet and telephony providers — deliver services and infrastructure needed for transmitting data and signals. That critical infrastructure, and the large volume of sensitive information traveling through it, is invaluable to nation-state actors and other cybercriminals.

Some of the largest telecommunications companies in the world, including T-Mobile and Australia Telecom, suffered breaches in recent years, but even smaller telecom firms are at risk of network breaches and damaged brand reputation.



## Network Security Challenges for Telecommunications

With telecommunications playing such a large role in both the public and private sector, mitigating cyberattacks and eliminating vulnerabilities will continue to be a challenge. Fortunately, you can deploy a cloud-based virtual network to keep your data communications safe and your employees connected



Eliminating downtime and ensuring secure, high-quality connectivity from anywhere



Guarding against costly DNS-based and Distributed Denial-of-Service (DDoS) attacks.



Securing mobile and IoT device connectivity as the number of connected devices increases.



Managing traditional networking hardware that can be labor-intensive, complex, and costly.



Providing secure point-to-point connections while maintaining scalability and flexibility.

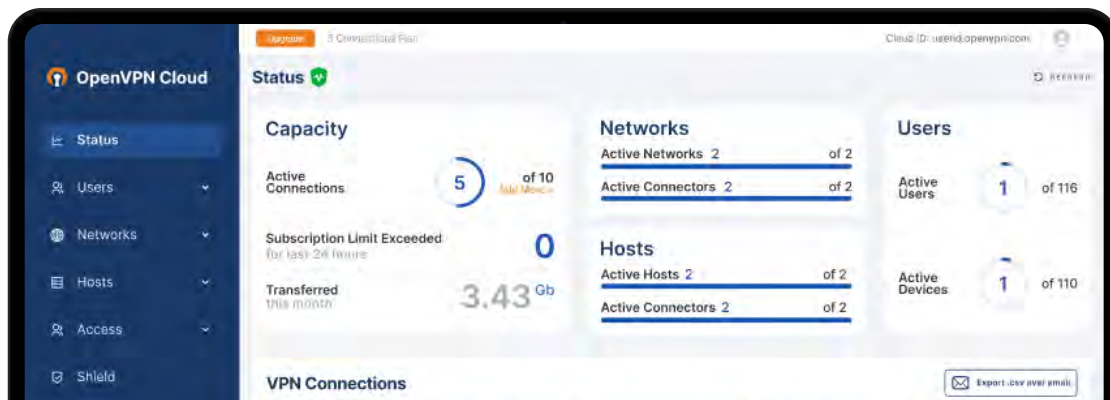
<sup>1</sup> Telecom Outlook 2022: innovation and M&A

Secure Virtualized Networking for Telecommunications

# Trusted Leader in Secure Virtualized Networking

OpenVPN® Cloud enables secure, reliable network connectivity across a telecommunication company's digital footprint, keeping your data communications safe from bad actors.

Our cloud-based platform enables organizations to maintain secure communication between their distributed workforce, IoT/IoT devices, and the online services they rely on daily. Built on the market-proven OpenVPN protocol, the solution combines advanced network security, encrypted remote access, and content filtering into a virtualized secure network that provides the best of VPN and ZTNA security.



OpenVPN Cloud

## A Single, Cost-Effective Solution

With OpenVPN Cloud, you can quickly and cost-effectively provide secure remote access to on-premise, cloud, and SaaS applications for your distributed workforce using a secure, virtualized, and reliable modern network. You control and define access rules and connection points for both on-premise and cloud applications from anywhere in the world.

Because the OpenVPN Cloud solution is entirely flexible and dynamic, you can easily add, remove, and manage users, devices, and applications as an integral part of your digital transformation initiatives. You are no longer required to manage a complex array of rigid and expensive network and security devices that only provide part of the solution. OpenVPN Cloud provides a single, cost-effective secure network connectivity solution that is ideal for securing your distributed networks and communications.

With over 60 million downloads of our core open source software and over 20,000 commercial customers, OpenVPN is recognized as a global leader in secure networking.

OpenVPN Cloud

# Key Features and Benefits



## Worldwide meshed private network

Securely connect all private networks and distributed applications



## Application domain-based routing

Zero Trust Access to applications to prevent lateral movement



## Identity Management

Single sign-on with identity-based access control



## Content filtering and IDS/IPS

Reduce costs with integrated advanced security features



## Secure, high performance tunneling

Tunnel traffic to 3rd-party security gateways and prevent unauthorized access



## Easy on-demand provisioning

Reduce demands on overworked IT and networking staff

## Join 20,000 + commercial customers deploying network security with OpenVPN Cloud

- ✓ Connect up to three devices free
- ✓ Scale as your business grows
- ✓ Support, upgrades and Connect Client included

[Learn more](#)[Activate Your Account Now](#)