

Secure Virtualized Networking for Manufacturing

Secure Network Connectivity for Industry 4.0

The manufacturing industry's embrace of the Internet of Things (IoT) changed our world in countless ways — not the least of which is that it resulted in Industry 4.0. More than 250 years since the First Industrial Revolution, Industry 4.0 converges new technologies such as artificial intelligence (AI), cloud computing, robotics, 3D printing, the Internet of Things, and advanced wireless technologies.

The smart factory is at the heart of Industry 4.0, also known as the Fourth Industrial Revolution (4IR). These factories infuse manufacturing technologies with automation and data exchange, including the IoT, cloud computing, and cognitive computing for improved productivity and efficiency, better agility and flexibility, increased profitability and ROI, and improved customer experiences.



Network Security Challenges for Manufacturing

Manufacturing's digital transformation created new cyber threats, too. The extended network of connected devices — operational technology (OT), robotics, sensors, 3D printers, AI, machine learning, and augmented reality (AR) — has vulnerabilities that didn't exist on the traditional factory floor.



Securing connectivity to corporate applications from anywhere



Enabling secure remote access to proprietary corporate data and a growing array of SaaS applications



Protecting IoT device connectivity on the factory floor



Securing remote access to 3rd-party factory equipment teams



Managing traditional networking hardware that can be resource intensive, complex, and costly



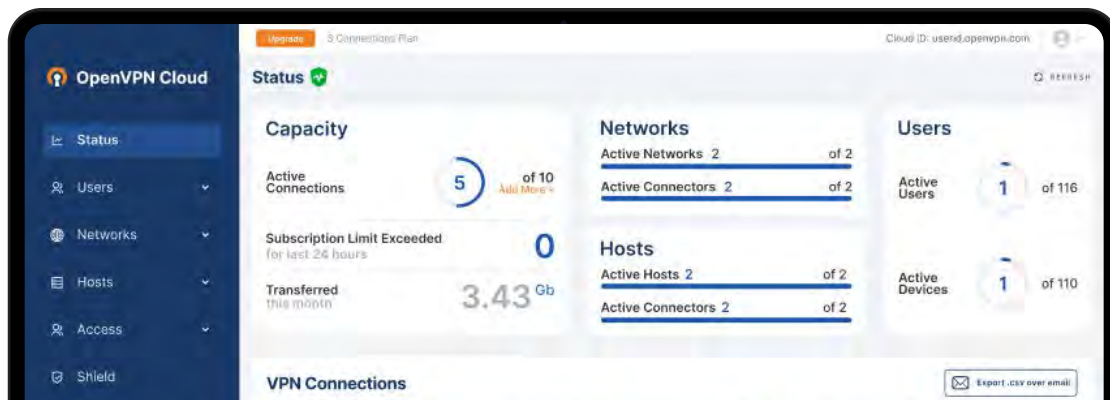
Providing secure point-to-point connections while maintaining scalability and flexibility

Secure Virtualized Networking for Manufacturing

Trusted Leader in Secure Virtualized Networking

The [OpenVPN® Cloud](#) secure network connectivity solution is expressly designed for secure communications — a must have for the remote workforces and IoT/IIoT devices that are integral to modern manufacturing.

Our cloud-based platform enables organizations to maintain secure communication between their distributed workforce, [IoT/IIoT](#) 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](#)