timus

VPN vs. Zero Trust Network Access

What's the difference?

For years, VPNs have been the go-to solution for companies around the world to ensure employees had secure access to company data whenever they were outside the office. However, VPNs were not built for cloud era and they might not be as secure as you think. The way we work has evolved, and so should your cybersecurity solutions.

The evolution of work

The office era	Vs	**The cloud era**
• Work from an office • People work 9-5 Mon-Fri • Desktops and laptops		• Work from anywhere • Always on • Desktop, laptops, mobile, tablets
The old way of working	Vs	**The new way of working**
• Desktop apps • Office wifi and networks • Mostly internal collaborators • Data lives on a server in the office		• SaaS apps • Public and private wifi networks • Internal and external collaborators • Data lives everywhere
The cyberthreat then	Vs	**The cyberthreat now**
• Individual hackers • Hacking for fun • One-off hacking attempts at specific targets • Exploiting technical vulnerabilities		• Organized hacking cartels • Professional, profit-driven hacking • Large scale, AI-powered cyberattacks at scale across multiple levels and devices • Exploiting both technical and human vulnerabilities.
Technology then	Vs	**Technology Now**
• Hardware-based firewalls • VPNs • Credential-based permissions • Endpoint security		• Cloud firewall • Zero Trust Network Access • Identity-based permissions • Cloud (application) security

Why **VPNs** are outdated and unsafe

One of the biggest vulnerabilities of VPNs is that they are credential-based. That means, if a user's VPN login credentials are stolen, hackers are often free to roam around a company's network and data undisturbed.

Why **Zero Trust Network Access (ZTNA)** is a better approach

Zero trust network access (ZTNA) is a new approach to connecting to your company network remotely. A zero trust solution like Timus verifies that you are who you say you are, it trusts no one until proven otherwise. In the case of Timus, that means using identity-based verification, adaptive multi-factor authentication, and intelligent threat detection in real time.

A zero trust solution is one of the best ways to protect your company and data from hackers. ZTNA solutions offer granular access control, continuous monitoring, and least-privilege principles, ensuring that only authorized users and devices can access your company data.

With a ZTNA solution in place, your employees can connect from anywhere, knowing their access is closely monitored and protected by strong authentication regardless of whether they are using a laptop or a phone.

Timus is the network security solution for the cloud era.

Timus Networks helps companies orchestrate secure access while protecting the network against cyberattacks.

Timus combines secure, zero-trust network access with an intelligent cloud firewall that adapts in real time.

Get started in less than 30 minutes

timusnetworks.com