

Secure Remote Access



## ZTNA Security at the Speed of VPN

Connect remote employees and third parties to the network with zero trust principles and maximum performance

In today's hybrid work landscape, IT teams are challenged with securely connecting remote employees and third parties to their networks.

While traditional VPNs offer direct, fast, and encrypted network access, they must expose open ports on the internet, making them vulnerable to brute-force, DDoS, and other attacks.

Zero Trust Network Access (ZTNA) mitigates this by hiding behind a cloud proxy, but this results in higher latency, lower bandwidth, higher costs, and IP address obfuscation, which blinds various detection solutions.

## Secure Remote Access with Zero Networks

The Zero Networks platform melds the strengths of both VPN and ZTNA while eliminating their respective weaknesses.

Zero Networks provides a VPN-like tunnel between the user and the organization, ensuring maximum network performance without the latency associated with ZTNA.

It achieves zero trust security by not exposing open ports on the internet, and by maintaining visibility of user IP addresses within the organization, addressing a common

concern in typical ZTNA solutions.

	VPN	ZTNA	ZERO.
Optimum network performance	<b>⊘</b>	×	<b>⊘</b>
Zero Trust Principles	×	•	<b>⊘</b>





When I first saw Zero Networks, I walked away saying, this is too good to be true. When we put it in production, it was like a dream came true.

## **An Evolutionary Leap in Zero Trust Network Access**



**Maximum Performance** 

Direct, peer-to-peer connectivity with WireGuard®



**Optimized User Experience** 

No additional bandwidth overhead for a fast, seamless experience



**Minimum Friction** 

Designed to be installed, deployed, and managed seamlessly



**Maximum Visibility** 

Unlike traditional ZTNA, no obfuscation of user IP addresses



Comply with regulations and cyber insurance

Adhere to strict MFA and granular user access requirements

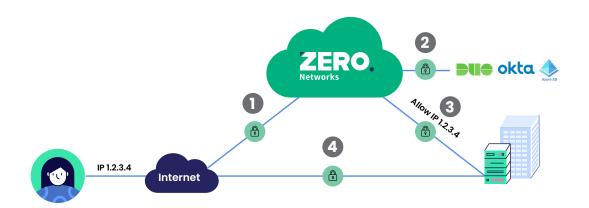


**Connect Any User** 

Custom policies allow both employee and vendor access

## **How It Works**

A ZTNA and VPN hybrid: All the benefits, none of the downsides





Port is closed and

invisible

There are no open

ports on the internet.

When a user tries to

directed to the Zero

connect, they are

Networks cloud.

2

**MFA** 

User verified by

User authenticates using the MFA of their organization's existing identity provider (IdP).



Port opens only to the authenticated user

Zero Networks opens a port only to the authenticated user's IP address but remains invisible to everyone else.



A direct tunnel is established

A direct, fast, and encrypted tunnel is established; policies allow user access to all or pre-approved apps and services.



Segment Everything Connect Everyone

Zero Networks is a unified zero trust platform for network segmentation, identity segmentation, and remote access. To see us in action visit <u>zeronetworks.com</u> or contact us at <u>contact@zeronetworks.com</u>























