

ZoneZero®

Perimeter Access Orchestration

Zero Trust – The Right Way!



In the world of digital transformation the number of remote access scenarios in any given organization has grown exponentially. Organizations big and small now face a wide range of remote access requirements:

- + Providing employees and third-party contractors with the ability to access internal resources
- + Allowing internal users to connect via the corporate network, to access internal resources
- + Enabling remote access to cloud-based and on-premises legacy applications
- + Integrating Multi-Factor Authentication (MFA) and identity awareness into all remote access scenarios

ZTNA (Zero Trust Network Access) is designed to help organizations adopt more effective security, based on the "never trust, always verify" principle. However there's a huge gap between the potential of ZTNA technologies, and the actual use cases, capabilities, implementations and end results.

The Challenges of Implementing ZTNA Solutions

The journey to Zero Trust often proves to be more complicated and resource-exhausting than expected, especially when the organization's existing infrastructure isn't compatible with Zero Trust concepts.

Achieving Zero Trust Network Access requires:

- + Separation of data plane and control plane
- + Improved user authentication
- + Application layer access

This will allow you to apply a least access privilege strategy, continuously and properly authenticate users, and strictly monitor and enforce policies.

Software Defined Perimeter (SDP) solutions have become known as the best way to create this access scheme, which inherently integrate with Identity Providers and Multi-Factor Authentication to provide these functions.

However, VPN access schemes and non-web applications (such as SMB, SSH, SFTP, and more) are still a vital part of the organizations environment. Since SDP/MFA solutions are generally not compatible with this existing environment, organizations tend to see ZTNA as something that will require them to embark on a long journey to replace existing infrastructures with SDP solutions.

As a result, the huge potential of ZTNA is unfulfilled and the adoption rate of ZTNA remains low.

