

Safe-

Perimeter Access Orchestration

ZoneZero[®]

Zero Trust – The Right Way!

In the world of digital transformation the number of remote access scenarios in any given organisation has grown exponentially. Organisations 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 organisations 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 organisation’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 MFA 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 organisations environment. Since SDP/MFA solutions are generally not compatible with this existing environment, organisations 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.

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The Solution – ZoneZero Perimeter Access Orchestration Platform

With Safe-T’s transparent and simple deployment, we provide an innovative and unique network-centric ability to implement ZTNA within corporate network VPNs, firewalls, and application services, allowing seamless integration across all legacy infrastructure and authentication services.

Understanding the need for ZTNA solutions that efficiently and completely address all remote access scenarios and requirements, Safe-T has re-designed its ZTNA solution to create the first ever Perimeter Access Orchestration Platform, incorporating the following modules:

- The Safe-T Classic SDP implementation, Secure Application Access (SAA) – a client-less ZTNA module
- Integration with leading VPNs – adding ZTNA capabilities to existing VPNs
- Support continuous authentication and upgrading 2FA to true MFA
- Application access control for internal and external users
- Continuous monitoring, enforcement, and reporting on user/application activities

Safe-T’s new ZoneZero platform supports existing VPN solutions, removes the need to re-design the network and access flow, and allows organisations to support all access scenarios:

All User Types

- Human – managed/ unmanaged
- Applications, APIs
- Connected devices

All User Locations

- External / Remote Users
- Internal Users

All Application Types & Locations

- Web applications
- Proprietary applications
- Cloud and On-Premises

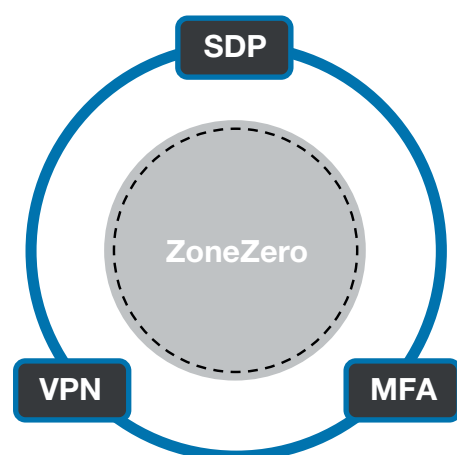
Whether you are interested in implementing a new SDP solution, if you want to enhance your legacy VPN access security, or add MFA to any VPN, service, or application, ZONEZERO® allows you to manage the entire access scheme in one holistic, easy to use platform.

ZoneZero Features:

- Creates true separation of the data plane and the control plane
- Applies application level policies for your external (VPN)/ internal network users
- Introduces MFA to any VPN, service or application
- Based on Safe-T’s patented Reverse Access technology

ZoneZero Benefits:

- Achieve ZTNA
- Seamless Implementation - Rapid deployment
- Optimise cost of deployment and ownership
- Central management



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