



# Zero Trust Network Access

Consistently operate a Zero Trust Network Access policy and ensure your solution is managed to best practice through its entire lifecycle.



# Making the case

In the past, when users were tied to the corporate network and corporate-managed devices, protecting against malware, ransomware, and phishing was as simple as rolling out endpoint antivirus, installing a stack of appliances in a data center, and backhauling traffic for inspection and control.

But in today's hybrid work environment, users have left the building, devices are now unmanaged, and the Internet is fast becoming the corporate network of choice. Traditional hub-and-spoke networks and the castle-and-moat security organizations relied upon no longer support today's remote workforce, cloud applications, and sophisticated threat actors. Failure to address this situation leaves internal applications and users exposed directly to the Internet and leads to an increased risk of attack.

That's why forward-thinking organizations are taking a different approach to security, one of Zero Trust Network Access, where every machine, user, IP address, and server is untrusted until proven otherwise.

Teneo's Zero Trust Network Access service supports organizations that need a skilled and experienced helping hand, and want to ensure their solution is designed, deployed and consistently managed to best practice. Thanks to the visibility we gain through full logging and behavioral analytics, we report on ZTNA insights and provide recommendations for change so you can stay ahead of modern-day hackers and threats.

## Our approach



### Strategy

- Hold a strategy workshop with all main stakeholders.
- Understand your desired outcomes and security policy needs.



### Design

- Design & create security policy.
- Design our implementation package.
- Prepare a custom service handbook that integrates Zero Trust Network Access with your processes.



### Transition

- Service installation & configuration.
- Monitoring system set up.
- Installation and configuration of dashboards and reports.



### Operation

- 24x7x365 proactive management, monitoring & alerting.
- Incident management, moves, adds & changes.
- Monthly insights & analysis.
- Quarterly reporting, reviews & service improvement.

## Service value

### Complete Solution

Adopt a complete, all-in one Zero Trust Network Access solution from design through implementation and lifecycle management, fully supported by Teneo.

### Fast Time To Value

See fast time-to-value as a result of utilizing our streamlined onboarding and tuning processes, ensuring your policy is updated as network usage changes.

### Alerts & Reports

Receive only meaningful alerts and updates, get our remediation recommendations, and access detailed reporting to address compliance, display trends, and track activity.

### Skills & Experience

Access our security subject matter experts 24x7 and supplement your team's own security skills and experience.

### Always On

Hackers don't sleep and neither do we. We stay focused on maintaining your defence posture around the clock so you're always ready for attack.

# Service building blocks

Zero Trust Network Access is suitable for 100+ users and is available in three main building blocks: Internet Access, Private Access, and MFA. The components included in each building block are outlined below.

## Internet Access

Delivers a Secure Web Gateway (SWG) to protect users when accessing Internet-based services, including SaaS applications.

Service features:

- Design, deployment & configuration
- Cloud-based Secure Web Gateway
- Protection from malware, ransomware, phishing and data exfiltration
- Block malicious payloads
- Control shadow IT
- Prevent data loss
- Improve off-network device security without using VPN
- Uniform policy enforcement
- 24x7 monitoring & alerting
- Managed change control
- Monthly security insights meeting
- 24x7 helpdesk
- 100% guaranteed uptime

## Private Access

Provides an identity-aware proxy for secure access to private applications.

Service features:

- Design, deployment & configuration
- Cloud-based, identity-aware proxied secure access for 10 applications (option to upgrade to unlimited applications)
- Reduce risk of compromise from employees, 3rd parties, contractors, partners and mobile users without the need for network access
- Granular visibility of access requests
- Access via 288,000 global PoPs
- Supports Two Factor Authentication (2FA), Single Sign On (SSO), end-to-end encryption and load balancing
- 24x7 monitoring & alerting
- Managed change control
- Monthly security insights meeting
- 24x7 helpdesk
- 100% guaranteed uptime

## MFA

Further reduces risk by deploying a FIDO2 multi-factor authentication factor to eliminate the impact of phishing and social engineering attacks.

Service features:

- Design, deployment & configuration
- Lowers total cost of ownership (TCO) by digitizing the increased security of FIDO2 with an existing smartphone and web browser; no need to purchase, replace, and maintain additional hardware
- Deploys rapidly with the MFA app on existing smartphones. No delays caused by distributing physical security keys or issuing compatible hardware.
- Integrates with Windows Active Directory and other leading authentication providers
- Future-proofs MFA investments with a cloud-delivered, FIDO2-based service built to evolve to support future use cases, such as passwordless authentication
- Enables Zero Trust security by implementing the strongest available authentication and authorization protocols, and integrating with Teneo Internet Access and Private Access services
- Authentication event reporting
- 24x7 monitoring & alerting
- Managed change control
- Quarterly service review
- 24x7 helpdesk

# Service outcomes

- Cost saving, from replacement of legacy remote access solutions with flexible and cost-effective centralized software solutions.
- Supplemented security skills with access to our reporting and security experts.
- Seamless user experience by removing the need to backhaul traffic to the data center.
- Support for all types of applications, regardless of location, with no additional infrastructure.
- Highly scalable Zero Trust Network Access solution.
- Control of third-party access.
- Invisible infrastructure – where access can be granted to applications without providing access to corporate networks.
- Application segmentation provides additional security.
- Centralized control, granular access and enhanced visibility give the complete picture and enable better policy decisions – leading to better user experience and enhanced protection.
- Simple deployment allows for low-cost adoption and flexible installs, moves, adds and changes (IMAC).

## About Teneo

Most Network and Security teams are overworked so making progress is a challenge. Our solutions combine leading technology with expert guidance, helping you stay in control and ahead of the game. Find out more at [www.teneo.net](http://www.teneo.net).

## Next steps

Most Network and Security teams are overworked so making progress is a challenge. Our solutions combine leading technology with expert guidance, helping you stay in control and ahead of the game.

To strengthen your security posture and get started with our Zero Trust Network Access service, contact us at [info@teneo.net](mailto:info@teneo.net) to meet with us.

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