

Zero Trust Network Access (ZTNA)

Overcome VPN Limitations by Improving Application Access and Security for Your Business

Introduction

Amidst the rise of remote work and work-from-anywhere, businesses are actively exploring alternatives solutions beyond traditional VPNs. The imperative of adopting zero-trust principles for the security of their business applications has also become increasingly evident.

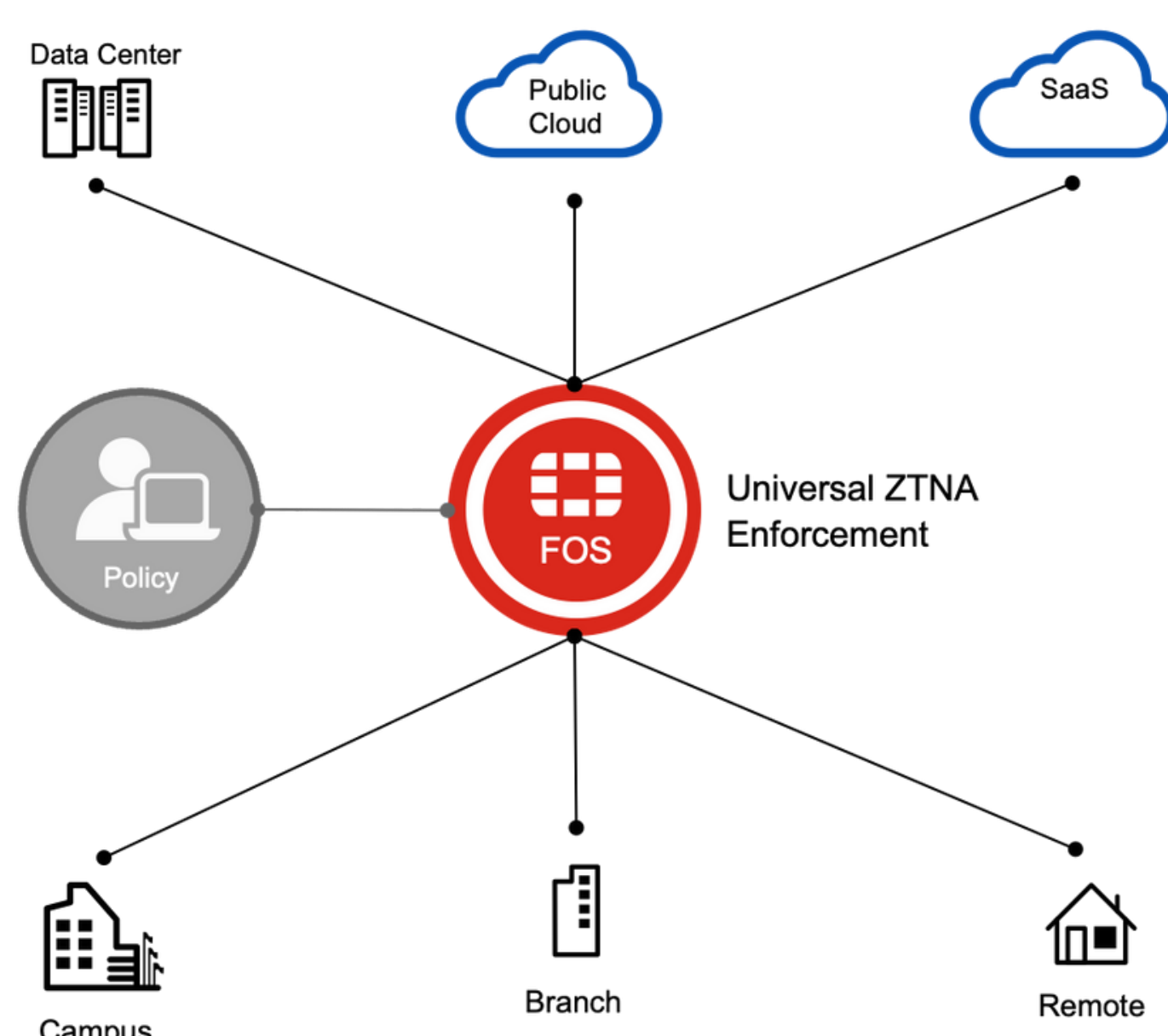
By 2025, Gartner predicts that over 70% of new remote access deployments will use Zero Trust Network Access (ZTNA) instead of VPNs - a significant increase from less than 10% in 2021 as secure access from anywhere to any application is now crucial for businesses.

ZTNA not only provides a secure and user-friendly answer to remote access for businesses but also enhances both security and user experience.

What is Zero Trust and How Does ZTNA Work?

The Zero Trust framework embodies a network security approach that regards every user and device as a potential they are thoroughly authenticated.

Within this framework, ZTNA stands as a pivotal component, placing a strong emphasis on regulating application access. This is accomplished by meticulously validating users and devices against organisational protocols before each application session through multi-factor authentication.



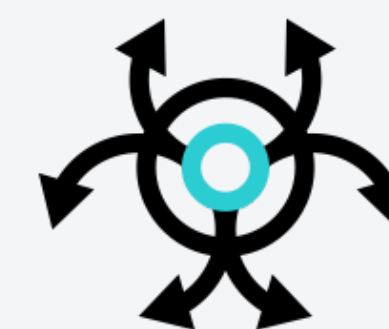
Under ZTNA, a wide spectrum of applications, spanning data centers, public clouds (such as AWS, Azure), private clouds, and SaaS platforms (including Microsoft 365, Salesforce.com), can be securely accessed within a unified framework.

Benefits



Supports Work From Anywhere (WFA)

In supporting WFA, ZTNA provides a better user experience than VPNs as it is a consistent user experience no matter where the user is.



Protection against Ransomware Attacks

In reducing the risk profile, ZTNA introduces a range of checks for both the user and the device being used prior to granting access to an application for a single session such as strong Authentication (MFA).



Supports the Cloud Journey

With ZTNA, you can maintain granular access control to applications so applications can be moved to the cloud or even between clouds and users.

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About LGA

As one of the industry's digital pioneers, LGA has been helping to shape Singapore's digital ecosystem since 1995, starting first as a Digital Service Provider to now providing full digital solutions for businesses throughout Singapore.

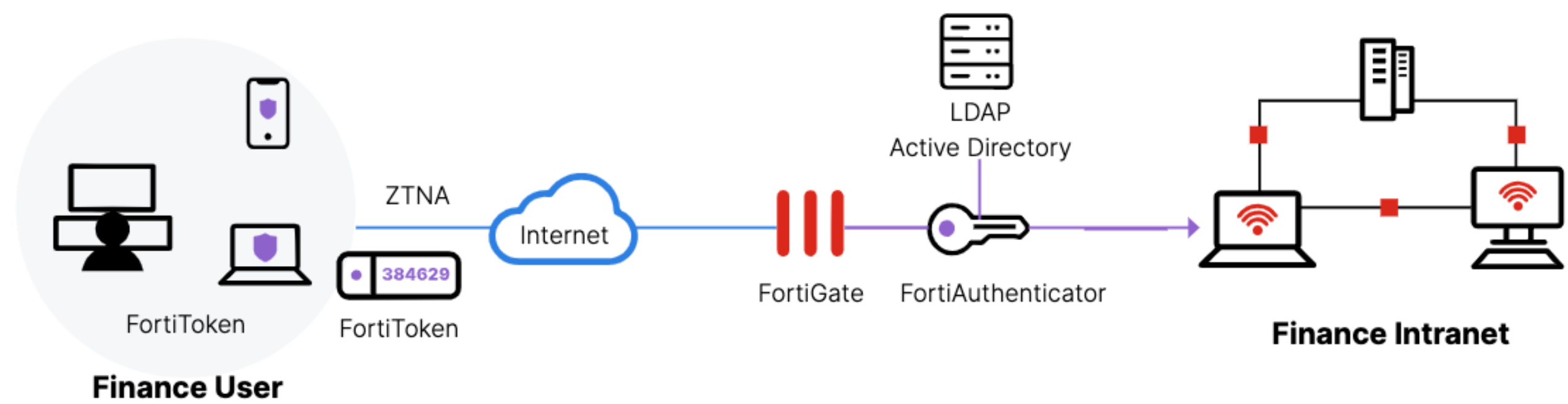
In the past two and half decades, LGA has been delivering resilient enterprise solutions that ensure uninterrupted business operations. In fact, it is this mantra that clients keep coming back and what motivates us to continue delivering quality services and products.

Today, LGA offers comprehensive managed network, mobility, security & cloud services that support our customers' IT infrastructure, allowing them to focus on their core business.

Overview of Fortinet's ZTNA

Fortinet offers a seamless solution that effortlessly enables the establishment of zero-trust access.

Fortinet's ZTNA, powered by FortiGate and FortiClient, allows administrators to implement universal zero-trust access for both remote and on-campus users, with policy enforcement centralised at FortiGate.



With ZTNA integrated into your Fortinet firewalls, this zero-trust security can extend wherever your firewall is deployed. Whether your employees access resources remotely or on-premise, your applications can be safeguarded with utmost security under the zero-trust principle.

This approach enhances user experience while delivering a more refined set of security safeguards, enabling applications to remain geographically independent yet firmly connected through secure and reliable channels.

LGA's Comprehensive Integrated Services for ZTNA



Security Monitoring

LGA serves as your "second pair of eyes," diligently overseeing your business against a spectrum of cyber threats. Our vigilant stance aims to bolster your digital footprint, guaranteeing the steadfast security and resilience of your data, operations, and reputation.

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Managed Services

Our dedicated support is accessible 8/5, offering you peace of mind with a prompt incident response. Our customers are also attended to by a team of exceptionally skilled network and system engineers, meticulously trained in security protocols to deliver unparalleled service quality.

Professional Services

Our team of experts manage the intricate configuration of ZTNA for your security infrastructure, enabling you to concentrate on your core business without worry. With LGA, you can confidently rest assured that your network is fortified against threats.



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