ZTEdge™
By Ericom Software

Simplified Remote Application Access

ZTNA FOR VPN REPLACEMENT

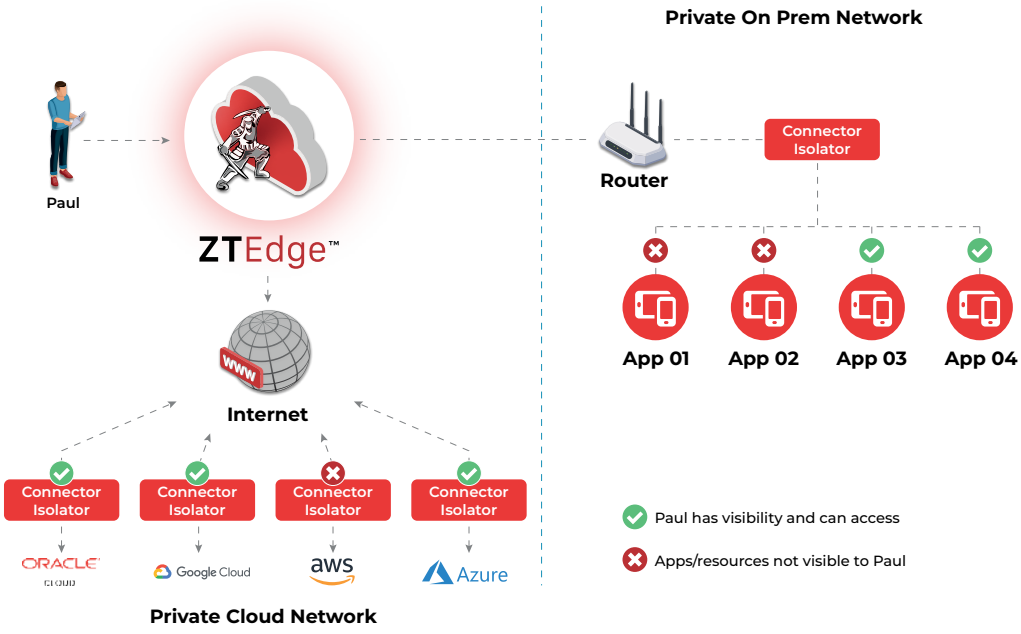
ZTNA-Based Remote Access to Applications, Desktops and Data

Simple, secure access to workplace apps, desktops and data with Zero Trust Network Access (ZTNA)

Enabling remote users to securely access applications, workloads and data on office networks and remote desktops is complex. During pandemic closures, many businesses ramped up VPNs and RDP as familiar, accessible and easy-to-use solutions.

But while VPNs enabled workers and businesses to stay somewhat productive, this approach also put networks and resources at increased risk of attack: VPNs expose network IP addresses to the internet, are often running with vulnerable unpatched software, and are easy for threat actors to find. Using brute force attacks and stolen credentials to get past VPNs, cybercriminals can penetrate company networks. And once in, they are free to move throughout the network, searching for valuable data and for critical ransomware targets.

To truly secure remote access to applications, desktops and data, therefore, two types of protection are needed: First, controls to ensure that only authorized, authenticated users can access the network, and second, policy-based limitations on resource access.



The Solution: Zero Trust Network Access (ZTNA)

ZTEdge Zero Trust Network Access addresses the challenge of enabling hassle-free access to the local network resources that remote users are authorized to use while barring access for all unauthorized parties. It is a simple cost-effective and far more secure alternative to VPNs and RDP access.

Remote users authenticate to the ZTNA cloud where their details—IP address, device, location and/or usage patterns—are checked in an authorization database. If the details check out, policy information for that user is sent an internal network connector isolator, which virtually microsegments the network to enable each user to access only the limited set of resources they are authorized to use. 1:1 secure temporary connections are established and other resources are cloaked so the user does not even know they are there.

Granular access policies are essential for enforcing least privilege access, a pillar of Zero Trust Security. But building granular access policies from the ground up is an onerous and time-consuming task – and one that must be frequently reviewed and updated. To facilitate true least privilege access, ZTEdge ZTNA includes an automatic policy generator that sets and updates policies based on each authorized user's behavioral patterns.

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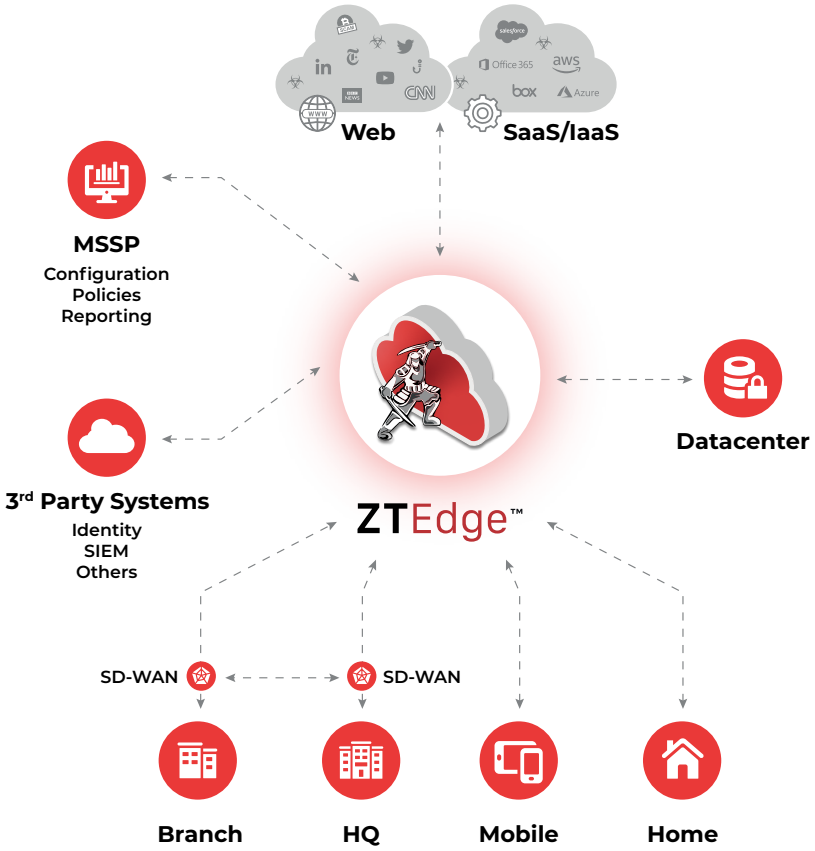
Enterprise-Class Zero Trust Security for Midsize Organizations and Small Businesses

ZTEdge is built to protect what matters for your midsize enterprise or small business – your users, data, applications and customers. The platform cuts complexity, reduces cyber-risk, and improves performance, all at a dramatically lower price point than alternative solutions.

ZTEdge Zero Trust Network Access Highlights

- Zero Trust access to private apps and resources on organization LANs, desktops or in private clouds
- Password or passwordless authentication to network and authorized apps
- Policy-based least privilege access enforcement
- Replaces vulnerable VPNs and RDP connections
- Behavior-based automatic policy generation enables true least privilege approach



ZTEdge Capabilities

Access Security		Threat Prevention & Compliance		
DNS Security	SaaS App Access Control	Threat Intelligence Network	File Sanitization (CDR)	Cloud Data Loss Prevention (DLP)
Secure Web Gateway	Identity & Access Mgmt.	Remote Browser Isolation	IDS/IPS	Micro segmentation
Cloud Firewall	Secure Remote Desktop Access	Anti-Virus	Ransomware Prevention	Network Traffic Analysis
Zero Trust Network Access	SD-WAN	Anti-Phishing	SSL Inspection	Data Anonymization

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