ZTEdge™
DEFEND WHAT MATTERS

Remote Desktop and Network App Access

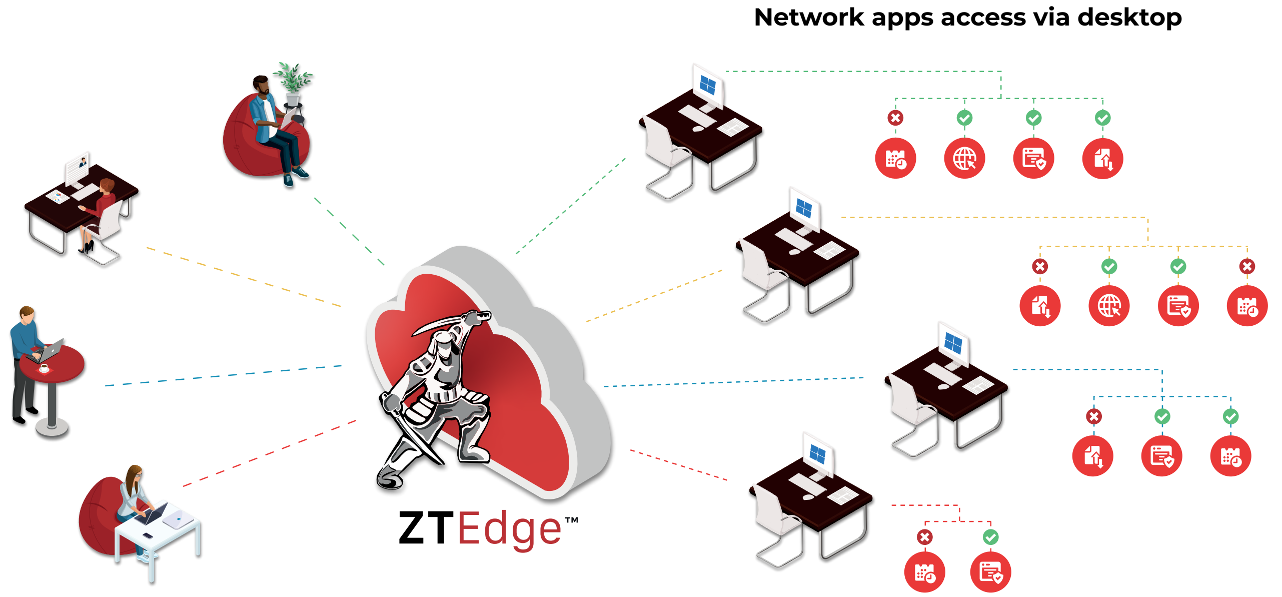
Zero Trust Controls for Secure Remote Desktop Access

Remote Access to in-office desktops is essential for home-based workers. How can your organization ensure it's done simply and securely?

Remote access to desktops has never been more important – or more fraught with risk. Cybercriminals or malicious insiders who gain access to desktops via malware, brute force attacks or phished credentials can quickly move laterally through your extended network, injecting and spreading ransomware, disrupting operations, and exfiltrating data.

Responsible users may also inadvertently expose your organization to risk through actions that may be as simple as clicking a bad link in an email or downloading an infected file from a website to the desktop.

Most remote desktop access solutions provide just that: Access to desktops. Once a user – or someone who's gotten hold of the user's credentials – is logged in, they are free to act just as if they were physically present at their desk. With this type of access, the desktop can be used as a jumping-off point to launch a wide variety of attacks. While some remote access solutions may block user logins from unknown IP addresses or known-problematic geographies, clever hackers can navigate around these types of baseline controls. A more effective set of capabilities aligned with "never trust, always verify" and least privilege access Zero Trust security concepts is needed.



The Solution: ZTEdge Desktop

ZTEdge Desktop brings a Zero Trust security approach to remote desktop access. Remote users attempting to access in-office desktops are first authenticated via built-in Identity & Access Management capabilities. Once authenticated, they are granted access to only their in-office desktop and other network-connected applications that they are explicitly authorized to use. Cloud-based microsegmentation controls, powered by firewall and Zero Trust Network Access (ZTNA) capabilities, ensure that Zero Trust access is enforced.

Intrusion Prevention System and Network Monitoring capabilities are built-in to ZTEdge Desktop to help organizations keep their networks safe. And since cybercriminals' playbooks for compromising networks includes gaining access to desktops and directing them to malicious websites to download malware, ZTEdge Desktop includes a secure web gateway (SWG) and remote browser isolation (RBI) to block these attack vectors.

ZTEdge Desktop cloud service is simple to deploy and simple to use, with no on-premises equipment or software that would take time and money to patch and maintain. Better security, less hassle -- that's ZTEdge Desktop.

ZTEdge Desktop Highlights

- Browser-based Zero Trust remote access to in-office desktops and network applications
- Enables contextual access restrictions to protect against breaches and ransomware spread
- Eliminates the desktop as a starting point for lateral movement attacks
- Secures and isolates remote desktop web access to block malware attacks and credential theft
- Provides visibility into network connections initiated via remote desktops

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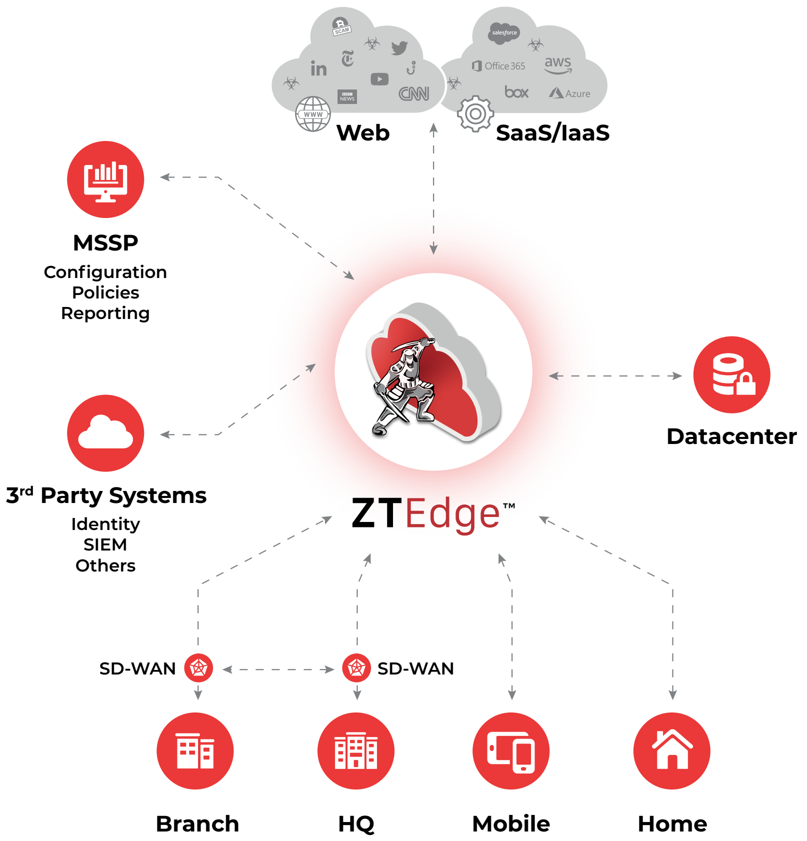
Enterprise Zero Trust Security Capabilities for Mid-sized Enterprises and Small Businesses

ZTEdge is built to protect what matters for your small or mid-sized business – your users, data, applications and customers. The platform is flexible and evolves as your business grows and increasingly moves to the cloud. It is available directly or as a hassle-free service, managed by MSSPs.



> *ZTEdge offers a unique value proposition for organizations, delivering a comprehensive set of integrated Zero Trust security capabilities via a simple and affordable always-on cloud platform.*
>
> **Kamalika Sandell**,
> Chief Information Officer
> at the New Jersey Institute
> of Technology
>
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ZTEdge Capabilities

Access Security	
DNS Security	SaaS App Access Control
Secure Web Gateway	Identity & Access Mgmt.
Cloud Firewall	Secure Remote Desktop Access
Zero Trust Network Access	SD-WAN

Threat Prevention & Compliance		
Threat Intelligence Network	File Sanitization (CDR)	Cloud Data Loss Prevention (DLP)
Remote Browser Isolation	IDS/IPS	Micro segmentation
Anti-Virus	Ransomware Prevention	Network Traffic Analysis
Anti-Phishing	SSL Inspection	Data Anonymization

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