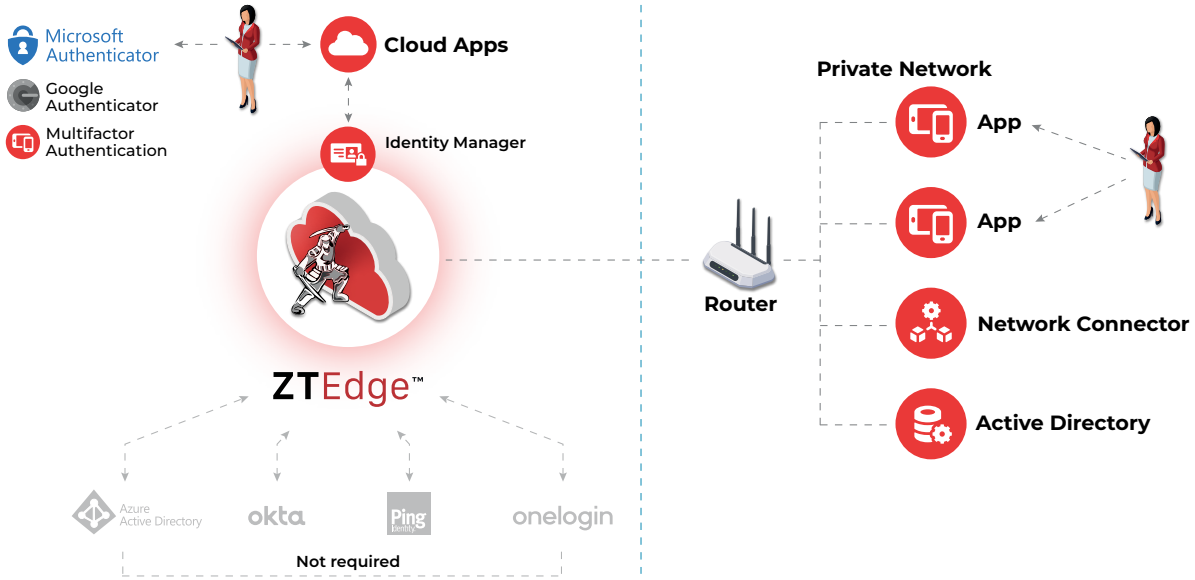
# Identifying Which Users to Connect to Which Resources, Securely and Frictionlessly

How hard must *your* users work to log into resources they use every day?

The days when insiders were considered trustworthy and passwords were sufficient authentication are long gone – and truly, were misguided in their original conception. Brute force attacks, malicious insiders, lateral movement and simple user error have proven that least privilege access, together with strong user identification and device authentication procedures, are essential to secure company data and resources.

Strong least privilege approaches are highly granular, requiring authentication not only of the identity of users wanting to access resources, but authorization of the devices, timeframes and even locations from which they may be accessed as well.

While control is paramount, usability is vitally important. To be effective, an identification and authentication solution must leverage multi-factor authentication (MFA) to safeguard against access via stolen or brute-forced credentials. To simplify the user experience–and keep users from turning to shadow IT to avoid burdensome processes--a single, seamless system should serve as the primary user identification system for all organizational resources. In cases where directories are already in place for access to specific solutions, the primary identification system should be able to broker authentication requests to avoid the need for multiple sign-ins.




## The Solution: Frictionless Identity and Access Management

ZTEdge Identity and Access Management (IAM) is the authentication database for ZTEdge cloud security services and can also serve as an organization's primary user identity solution. Using passwordless or password-based approaches supported by built-in multi-factor authentication, ZTEdge IAM enforces least privilege access controls for both cloud and on-premise applications, for a unified user experience. It makes authenticating frustration-free and nearly invisible to users, with single sign-on for web and cloud resources.

In addition to controlling access based on user identity, ZTEdge IAM further manages access based on additional factors such as device, user location and time of request.

ZTEdge IAM integrates seamlessly with cloud service authenticators such as Microsoft and Google Authenticators, as well as Active Directory for on-premise resources. For organizations using it as their primary user identity database, ZTEdge can broker authentication requests with existing SAML-supported IAM directories, such as Okta, Ping and others, as well as Azure Active Directory, to enable single sign-on across all resources.

ZTEdge™

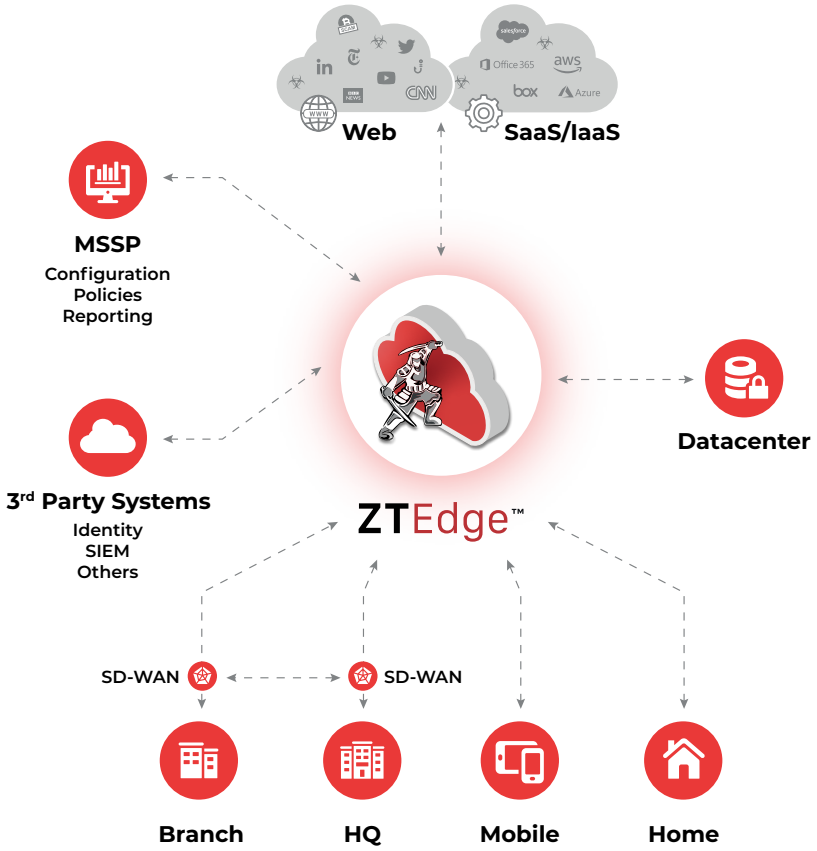
Frictionless Identity and Application Management

# 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 Identity and Access Management Highlights

- Passwordless or password-based authentication to ZTEdge cloud, cloud apps, and on-prem applications
- Single sign-on (SSO) for cloud apps and SaaS solutions
- Controls access based on user location, device and time as well as user identity
- Extends authentication and identity to other solutions as needed
- Integrates in a few clicks with any current SAML or authentication solution




## 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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