

## Zero Trust Network

# RevBits ZTN Provides Secure Remote Access to Enterprise Applications, Data, and Services Based on Clearly Defined Access Control Policies.



As the perimeter expands to remote endpoints, protecting the network through proper authentication of workers and third-parties is imperative. Enabling a Zero Trust solution that delivers access security beyond VPN is also imperative.

### Solution Features and Capabilities

As remote workforces grow and third-party access needs increase, the need for proper network security has far exceeded simple VPN applications. While VPNs provide a level of protection through encrypting inbound traffic, they fall short in that they fail to provide inbound user authentication, in other words, VPN security stops at the network perimeter. RevBits Zero Trust Network (ZTN) protects the perimeter wherever it is and extends complete security to the network, its assets, and applications.

#### Secure internet connectivity

Let RevBits ZTN handle secure Internet connectivity and authentication for remote users. With RevBits ZTN's secure portal, users will connect safely and securely to network assets via the internet. Secure connections ensure network access is controlled and safe.

#### Fast and secure connections around the world

With over 24 geographically distributed cloud regions, Rev Bits ZTN has proxy servers available for remote network access anywhere in the world.

**RevBits ZTN protects the perimeter wherever it is and extends complete security to the network, its assets, and applications.**

#### Full administration access to ZTN session

RevBits ZTN allows admins to control every aspect of a remote access session, including monitoring, reviewing, recording, and killing any session with one click, if needed.

#### Load-balanced and highly available

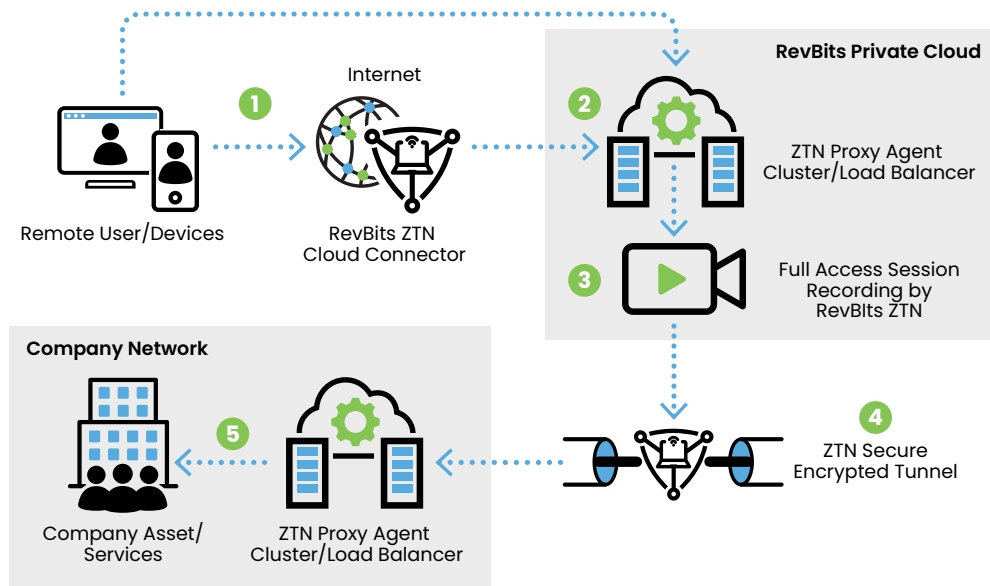
Regardless of the number of users, Rev Bits ZTN will automatically scale to meet access needs. RevBits dynamically allocates resources to support application scalability by auto-scaling and elastically load balancing capacity. In addition, RevBits ZTN's high-available architecture means it is always ready and available to secure remote access to the network.

#### Authentication choice

RevBits ZTN authentication options include fingerprint, facial recognition, YubiKey, SAML, MFA APP, text, and many others. Extensive authentication options extend more profound security control of the perimeter.

#### Internal asset access controls

RevBits ZTN allows for granular control, including time and length of access, and ensures only the proper host and the correct assets are accessed. Fine-grained access control is the real power behind Rev Bits ZTN.



Network access is now secure for remote users and third-party access.

- 1 Authenticate to RevBits ZTN SaaS
- 2 Remote access to internal network via RevBits ZTN Proxy
- 3 Session recorded by RevBits ZTN
- 4 All traffic is encrypted and secure via RevBits ZTN
- 5 Asset and applications accessed remotely by user without client install

### A powerful platform

Combining Rev Bits ZTN with Rev Bits Cyber Intelligence Platform, administrators gain an unparalleled view into all sessions. Conducting a forensics investigation and assembling a timeline has never been so easy, intuitive, and seamless.

### Mobile device support

Full access and authentication support for all mobile platforms. The RevBits ZTN application supports all current mobile device types.

### Efficient user access

Avoiding client installs allows for seamless onboarding and quick access to all the assets a user needs on the internal network, with just a few clicks.

## Software Requirements

**Operating Systems:** All operating systems are supported

**Mobile Apps:** RevBits ZTN Mobile App is available in all major app stores and is needed to run the biometrics feature

**Server:** The RevBits ZTN agent is managed within the customer's network

## ZTN Benefits

**SaaS-hosted proxy** – RevBits ZTN is SaaS-hosted to provide easy access and onboarding of users and assets. RevBits puts security between the enterprise and its network perimeter. Combined with auto-scaling and advanced load balancing, RevBits ZTN dynamically scales with demand.

**Full remote session control** – RevBits ZTN provides the tools needed to manage, control, and audit any remote session within an organization's private network, from authentication to disconnection.

**Zero-deployment** – Rev Bits ZTN extends the perimeter to the end-user. There is no need to spend time deploying host-based clients to secure the network. Onboarding a new remote access host is a breeze with ZTN's intuitive and high-availability access portal.

**Mobile device support for all** – RevBits ZTN supports all mobile devices with native applications for each ecosystem. Authentication is user-designed and supports fingerprint, facial recognition, MFA apps, and Yubikey.

## Additional Solution Features

**Any device, anywhere, any time** – RevBits ZTN auto-scaling architecture and user/host connections automatically increase and decrease with fluctuating demands, regardless of the time of day, geographic location, condition, or situation.

**Web browser access** – RevBits ZTN is a thin-client application. Administrators can access all assets from any web browser or smart device and retain complete control of all remote access sessions.

**Key-point geolocation distribution** – Extend the end-user perimeter wherever it is needed with distributed geolocation access points. Rev Bits ZTN connects users to needed applications and assets anywhere in the world – quickly, securely, and with minimal effort.

**Keep Your Enterprise Protected. Get a Demo or Free Evaluation.**  
To learn more, visit [www.revbits.com](http://www.revbits.com)