

High Level Use Case

The Fintech Company use case discusses the deployment of ZoneZero SDP to allow the company's remote users and business partners to access corporate resources

Target Market/Customers

- + Any organization with remote access needs
- + Any organization with different user types with different IDPs

The Challenge

The fintech company was rolling out a new financing system which was going to be used by remote workers and business partners. The challenge arose as the company policy did not allow installing VPN clients on the business partners' machines. In addition, the company expected to greatly increase the number of business partners, so a client-based solution would entail much IT overhead.

The Need

There was a need to deploy a solution which will address the following requirements:

- + Allow company workers, and business partners To securely access corporate resources without installing a VPN client
- + The solution had to support the following corporate systems - financing system, REST API server, RDP servers and SSH machines
- + As the system served two types of users, the fintech company wanted to store the user credentials in two separate user stores – Active Directory for the workers and a database for the business partners
- + Solution had to be easy for users to learn and use
- + Maintain highest levels of security
- + Ensure a low attack surface for the fintech company

ZoneZero® SDP Solution

Safe-T's ZoneZero SDP changes the way organizations grant secure external access to their services.

This product is part of the ZoneZero Perimeter Access Orchestration platform that provides central management of all secure access technologies and helps organizations achieve Zero Trust Network Access (ZTNA).

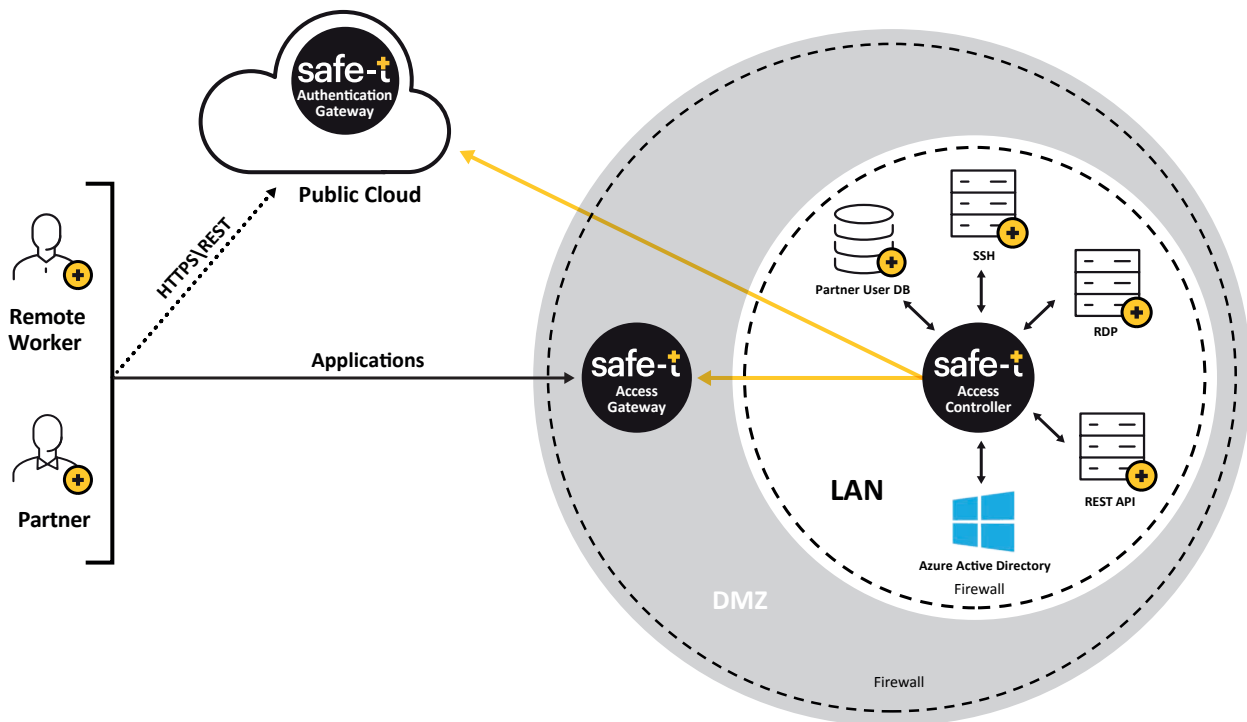
ZoneZero SDP offers secure and transparent access for all types of entities (people, applications, and connected devices) to any internal application, service, and data, such as HTTP/S, SMTP, SFTP, SSH, APIs, RDP, and WebDAV.

ZoneZero SDP implements Safe-T's patented reverse-access (outbound) technology which eliminates the need to open incoming ports in the organization's firewall.

As can be seen in the below diagram, the water company deployed Safe-T's ZoneZero SDP solution, allowing them to easily roll out a remote access solution which is fully BYOD friendly. They achieved this this by deploying all the ZoneZero SDP components in their data centers - Access Controller, Access Gateway, and Authentication Gateway.

The flow of traffic is as follows:

1. User logs into the authentication portal published by the **Authentication Gateway**
2. The user enters the credentials into the portal
3. The **Access Controller** retrieves the credentials from the **Authentication Gateway** over a reverse-access connection, and then authenticates the user using the organization's Azure Active Directory
4. Once the user is authenticated, the **Access Controller** instructs the **Authentication Gateway** to display to the user the authorized services, and instructs the **Access Gateway** to provide (reverse) access to the specific user to the relevant services
5. The user accesses the newly published services via the **Access Gateway**



Features & Benefits Include:

- + Clientless – seamless implementation
- + Support multiple identity tiers in parallel
- + Scales precisely according to usage
- + Simple, cost effective, and secure deployment
- + Fast deployment
- + Protect networks from attacks
- + Enhance Zero Trust Network security
- + Improve data security by closing incoming firewall ports
- + Based on Safe-T's patented Reverse Access
- + Non-web protocols ready – SMB, RDP, SSH, REST API, any TCP
- + Hybrid implementation
- + Support humans, application, and connected devices

Frequently Asked Questions (FAQ)

- + **Is your solution software based or hardware based?**
Our solution is software based
- + **Does your solution require modifications to applications?**
No, our solution does not require any changes to applications
- + **Can you Safe-T ZoneZero SDP replace a VPN?**
Yes, our solution can replace a VPN
- + **Do we have basic logging functions which are included in the core package?**
Yes, our solution includes logging of administrator and end user actions
- + **Which applications does your solution support?**
Safe-T ZoneZero SDP supports passing traffic to any TCP based application
- + **Which types of users does your solution support?**
Safe-T ZoneZero SDP supports traffic from human users, applications, and connected devices
- + **Can your solution be deployed in a hybrid model?**
Yes, our solutions can be deployed partly on-premise and partly in the cloud