

High Level Use Case

Managed Security Services Provider (MSSP) use case discusses the deployment of ZoneZero® SDP to allow MSSP providers to offer SDP services to their customers

Target Market/Customers

- + Cloud providers who want to offer MSSP services
- + MSSP providers who want to expand their services to SDP / remote access

The Challenge

Organizations of all sizes (large, SME, SMB, etc) and verticals (financial, industrial, medical, law, education, etc) are coming to MSSP providers for help with a multitude of new business challenges in securing and monitoring their sensitive data, and providing authorized access for remote and WFH (work from home) users.

The Need

There was a need to deploy a remote access solution which addresses the following requirements:

- + Allow end-users to access to corporate resources without installing a VPN client
- + The solution had to support various corporate applications - financing systems, RDP servers, SSH machines, file servers, legacy systems, web applications, etc
- + Solution had to be easy for end-users to learn and use
- + Solution had to maintain highest levels of security
- + Solution had to be deployed quickly at company location
- + Solution had to support any size customer and scale easily

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 diagrams, the MSSP can deployed deploy the Safe-T's ZoneZero® SDP solution, in two deployment architectures, allowing them to easily roll out a remote access solution for their enterprise customers (Figure 1) and SMB customers (Figure 2)customers.

MSSP SDP Solution for Enterprise Customers

For enterprise customers the MSSP deployed the ZoneZero SDP components as follows - They achieved this by deploying the ZoneZero® SDP Access Gateway, and Authentication Gateway are deployed in their data center and the Access Controller is deployed at their customers' data centers.

The flow of traffic is as follows:

1. User logs into the authentication portal published by the **Authentication Gateway** hosted at the MSSP cloud
2. The user enters the credentials into the portal
3. The **Access Controller** (located at the customer premises) retrieves the credentials from the Authentication Gateway over a reverse-access connection, and then authenticates the user with the customer's identity provider
4. Once the user is authenticated, the Access Controller instructs the **Authentication Gateway** to display to the user the allowed services, and instructs the **Access Gateway** (also hosted at the MSSP cloud) to provide (reverse) access to the specific user to the relevant services
5. The user accesses the published services via the **Access Gateway**

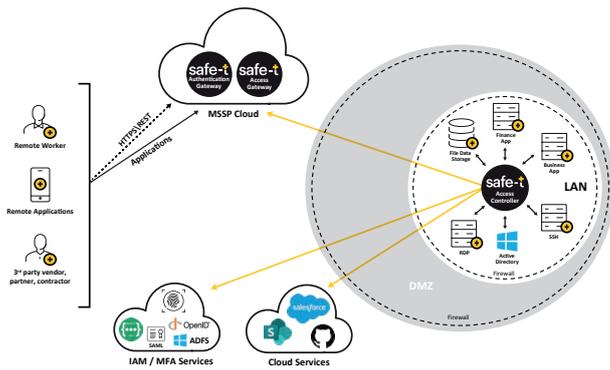


Figure 1 - MSSP SDP Solution for Enterprise Customers

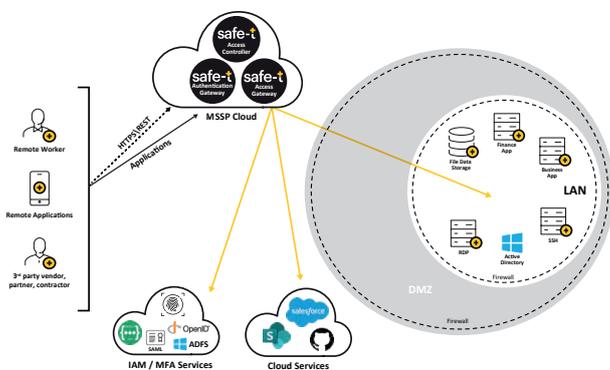


Figure 2 - MSSP SDP Solution for SMB Customers

MSSP SDP Solution for SMB Customers

For SMB / SME customers the MSSP deployed the ZoneZero SDP components as follows - ZoneZero® SDP Access Controller, Access Gateway, Authentication Gateway are all deployed in their data center.

The flow of traffic is as follows:

1. User logs into the authentication portal published by the **Authentication Gateway** hosted at the **MSSP cloud**
2. The user enters the credentials into the portal
3. The **Access Controller** (also hosted at the **MSSP cloud**) retrieves the credentials from the **Authentication Gateway** over a reverse-access connection, and then authenticates the user with the customer's identity provider.
4. Once the user is authenticated, the **Access Controller** instructs the **Authentication Gateway** to display to the user the allowed services, and instructs the **Access Gateway** (also hosted at the **MSSP cloud**) to provide (reverse) access to the specific user to the relevant services
5. The user accesses the 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
- + MSSP 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 you have basic logging functions which are included in the core package?**
Yes, our solution includes logging of administrator and 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-premises and partly in the cloud