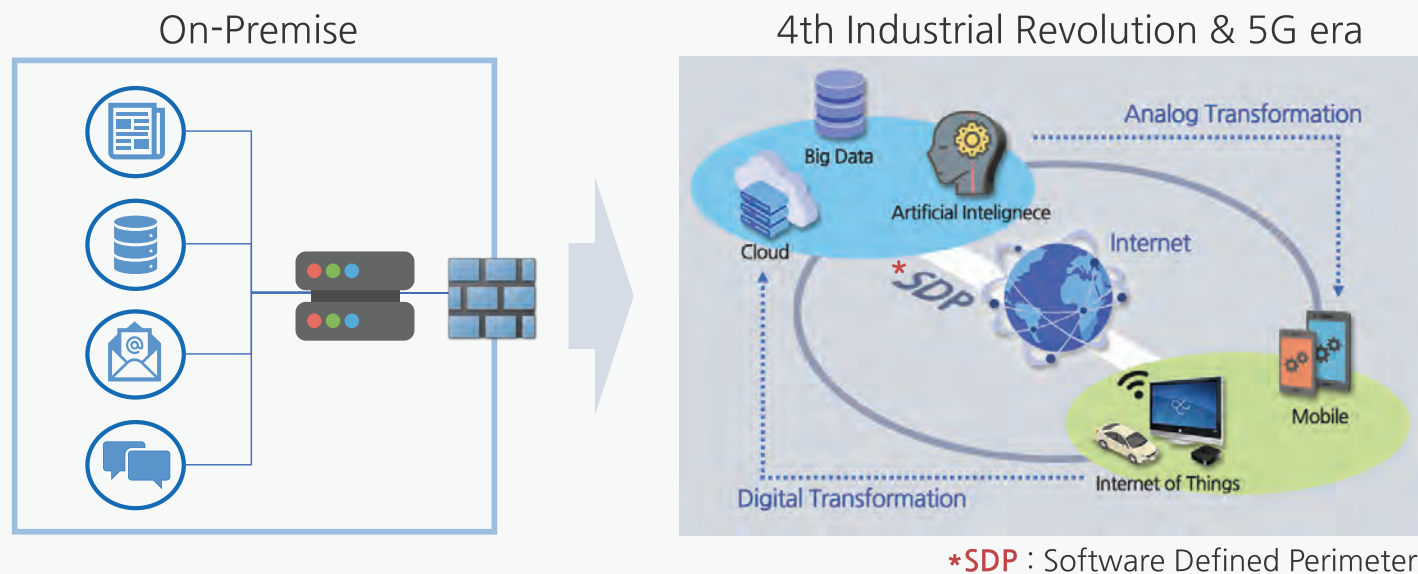


Tgate SDP

Software Defined Perimeter

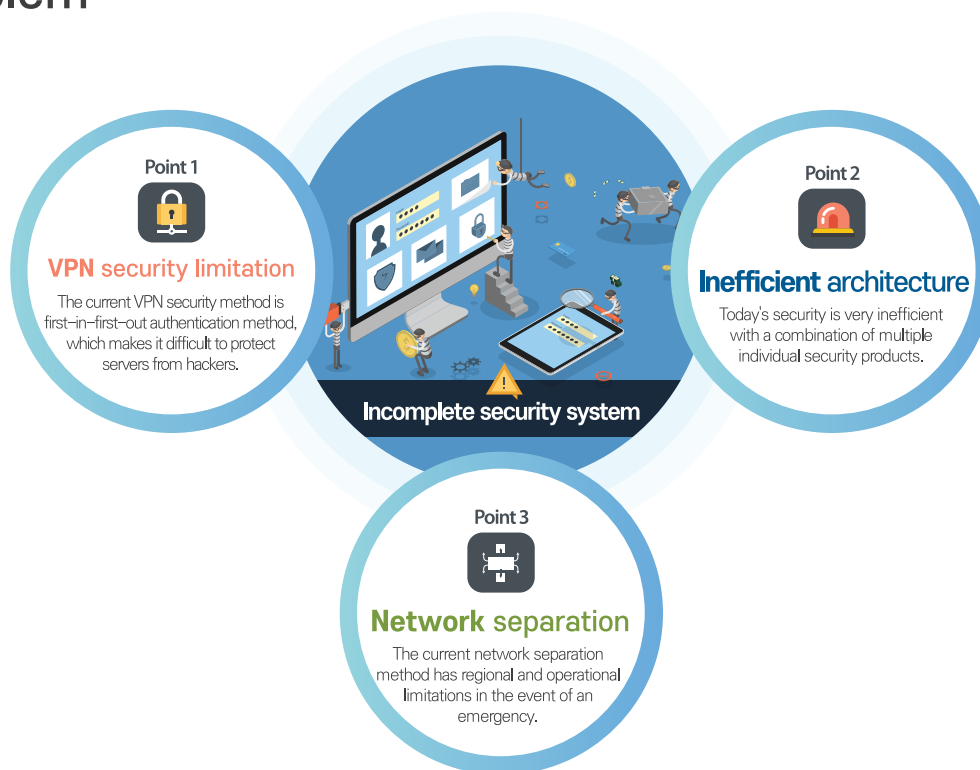


As the 4th Industrial Revolution and the 5G era evolve, more and more information is being collected from various terminals such as IoT as well as PCs. It is rapidly changing from a closed on premise computing system to an open cloud system and a super intelligent society using Big Data and AI. The success or failure of this is based on Zero-Trust.



02 Current Situation





04 Proposed Solution



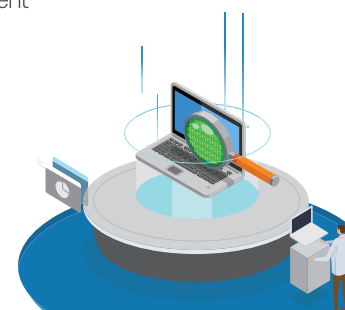
Trust Connectivity method that permits network access only by authorized users / terminals through pre-authentication and multi-level access control

Trust Connectivity

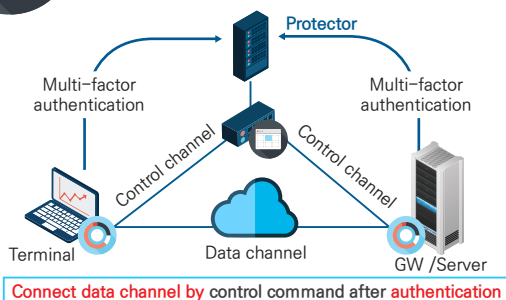
Multi-factor authentication → Verify → Connect



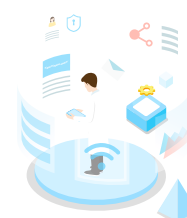
Manage and control all connected peers as manager, enabling efficient and reliable management



Separated operation of managed network and data network controlled with end-to-end trust tunnels



Configure Black / Dark network in the protected domain to prevent resource consumption by a robust DDoS protection design that is not exposed to an attacker



1 VPN security issues

More vulnerable to the labor and cloud era, making it difficult to secure boundaries effectively. Existing VPN access is overly permissive, which allows remote workers to access more networks than is required to complete a task, resulting in unnecessary and overly vulnerable network resources.

2 Zero trust network

Reduce the risk of network security by preventing users and devices from exposing critical applications and resources to everyone until they are authenticated and authorized.

3 User-centric-network

Change from network-centric to user-centric, strengthen security and provide flexibility of control and management

4 Accessibility

Enables efficient connection to the IT services users need with simple logins without the need for cumbersome management requirements (firewalls, IPSs, etc.) or hardware costs.

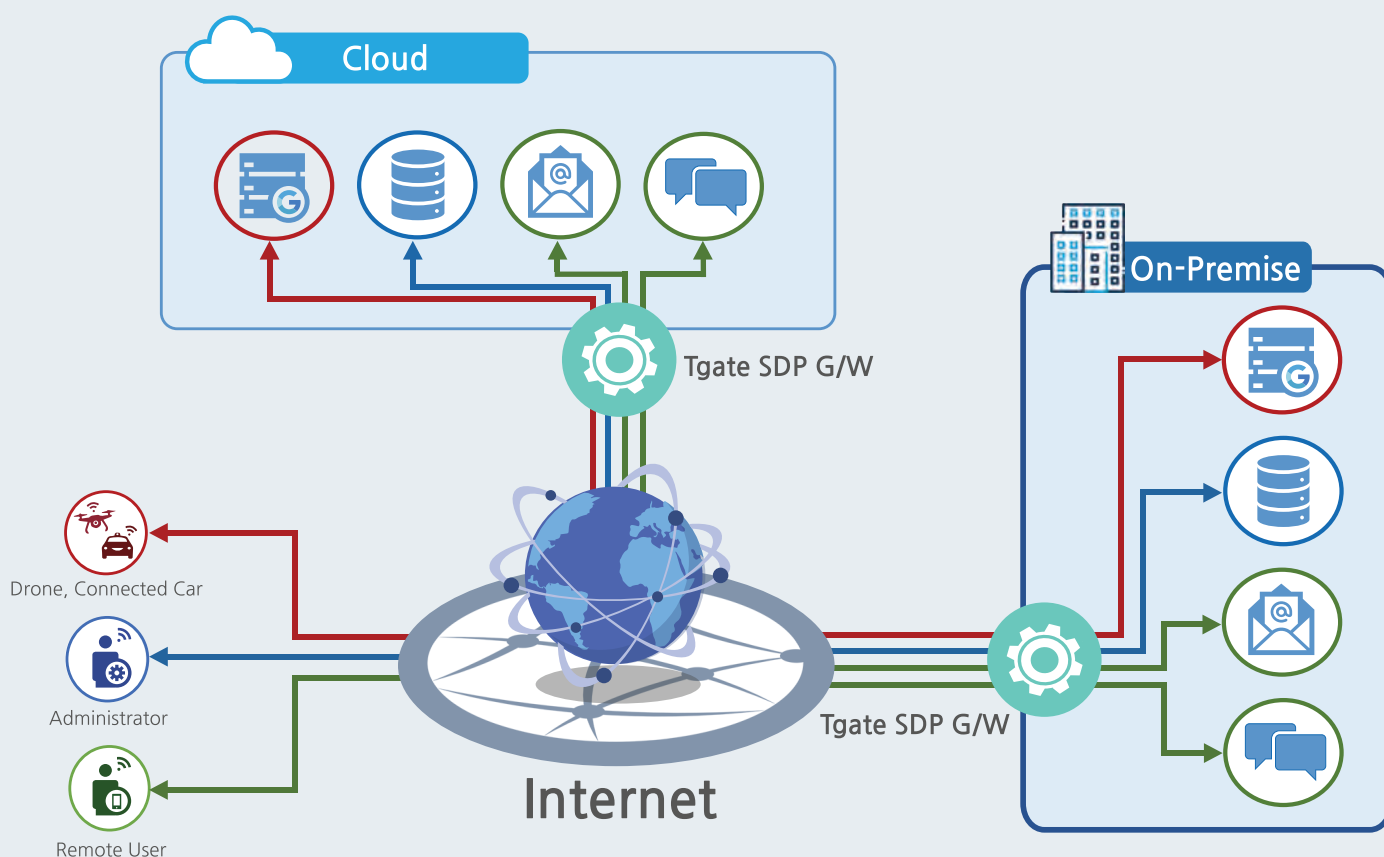
5 Scalability

Scale seamlessly in the cloud, avoiding the need for expensive hardware, depending on the number of users or the volume of applications they need to access.

6 Effective Price

Easily deploy in complex IT environments and easily extend security when needed without the need to purchase expensive equipment or rent additional equipment

06 SDP Diagram





User centric security

Change from network-centric to user-centric



SDP + NAC

World's first SDP that combines Software Defined Perimeter(SDP) and Network Access Control(NAC)



Availability

Available in both On-Premise and Cloud environments



Easy SDK

Provides SDK for easy agent development and App Binding



Flexible

Various security networks can be configured using the software defined method

08 Benefits

1

Change from closed network to open SDP security

2

Change from VPN-type to SDP type pre-authentication, post-connection

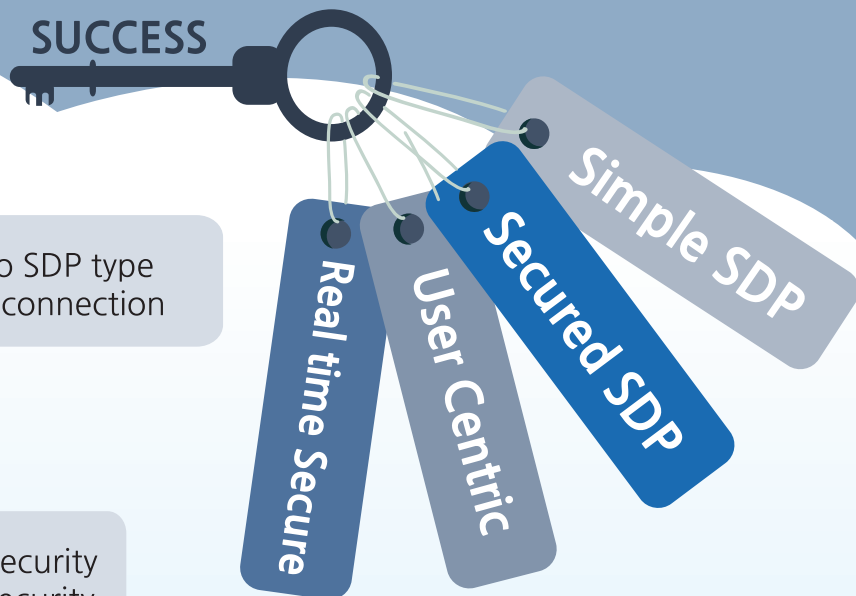
3

Change from network-centric to user-centric security

4

Change from individual security to integrated real-time security


SUCCESS





01 Is your service needed? (Why SDP?)

- ✓ The SDP is essential security service for cloud, bigdata and AI.
- ✓ Industry and business environment are changing from on-premise to cloud.
- ✓ The endpoint security solution is changing from complex NAC to simple SDP.
- ✓ The internet network security is changing from unsecured VPN to secured SDP.



02 Who will pay for your service? (Market)

- ✓ BYOD users for Cloud and/or On-premise via internet network
 - Military, Government, Finance, Enterprise, Hospital, Logistics, SMB etc
- ✓ Mobility industries – Connected Car, Drone
- ✓ VPN users – Replace for next security
- ✓ Home users for IoT security – Access Point, Set-top-box, IoT camera etc



03 What's your unique difference? (Why Tgate SDP?)

- ✓ Perfectly ID-centric by Policy – Easy to manage and control
- ✓ Simple but complete IAM with/without AD(Active Directory) or LDAP
- ✓ Double protected controller and multifactor authentication
- ✓ Support easy App-Binding
- ✓ Easy implementation and price effective