Work-from-home has become an essential part of business operations now. The remote-access capacity increased from 10% to nearly 100% of the workforce in a matter of days. It is therefore imperative for IT organization to deploy a high performance, highly reliable, and secure remote access solution. Additionally, in order to reduce the operational complexity of on-prem appliances, it is essential for the enterprises to leverage modern cloud delivered remote access solution that is offered on consumption model.

Airgap Networks' Secure Application Access (SAA) is a modern cloud-based Zero Trust Network Access (ZTNA) solution that offers protection for business assets hosted in corporate DC, public cloud (IaaS), or hosted data centers. Additionally, Airgap's SAA offers wide range of protocol support without requiring traditional and cumbersome VPN agents to be installed on the endpoints. By leveraging Airgap's SAA, organizations can begin retiring cumbersome VPN appliances in favor or high performance and most secure modern remote access solution. Airgap SAA simplifies the security operations by unifying SSO/MFA based authentication for SaaS and proprietary applications. Airgap's patent pending "intent check" mechanism reduces enterprise attack surface for maximum security. Most importantly, Airgap's SAA integrates with leading EDR vendors to ensure that compromised devices do not get access to SaaS of proprietary business applications.
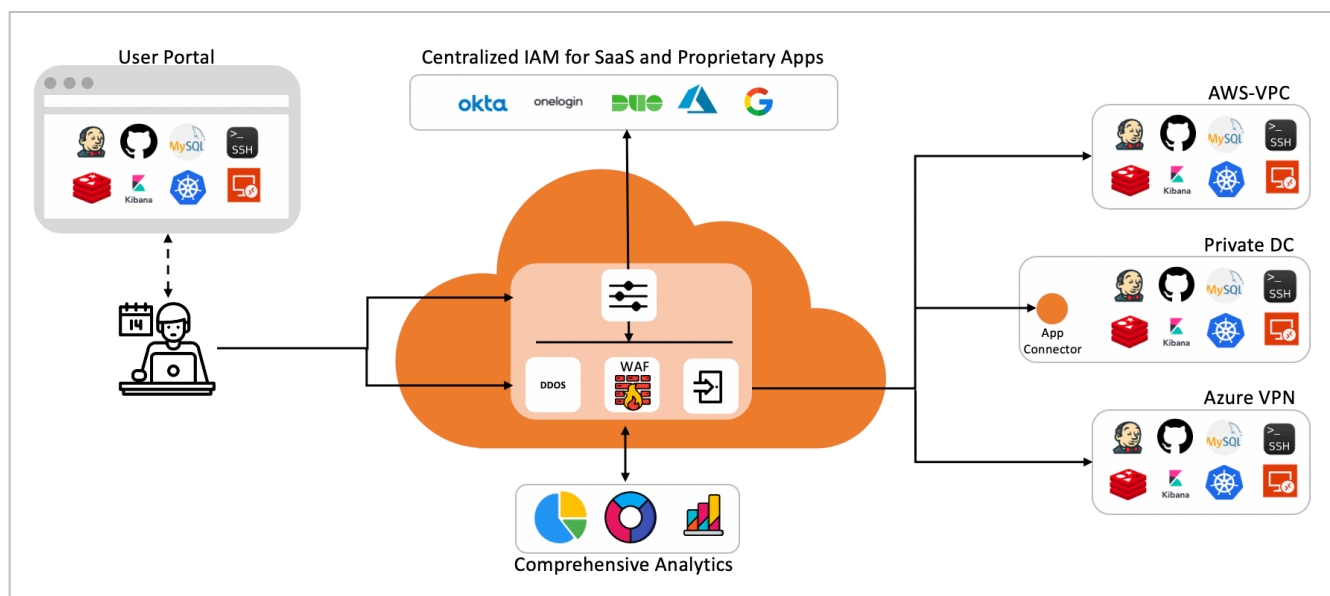
Use Cases

- Modern Zero Trust secure remote access to authorized applications, not your network
- Access to business applications hosted in private/public/hosted Cloud environments with user experience at par with SaaS applications
- DDoS and WAF protection for private applications
- Eliminate cumbersome VPN appliances and architecture
- Agentless Zero Trust Isolation for best defense against ransomware propagation

Feature	Traditional VPN	Airgap ZTNA
Delivery mechanism	Capex heavy on-prem HW appliances	Offered as Service from the Cloud
User Experience	Hairpin via on-prem appliance – degraded user to application experience	Direct and secure access from user to application. Best user experience
Security	SSL VPN or IPSec VPN – static network tunnel. Lacks network security.	Secure session per authorized application, no network access, maximum security
Scale and Performance	Plan and provision additional VPN appliances	Cloud-scale, offered as a service
Lateral movement and insider threats	Yes, network level access permits lateral movement once user is logged-in through VPN	Session level Zero Trust access to authorized applications only. No network access and no lateral movement.
Secure Application Access when user is in office	Must license, deploy and use traditional solution. Doesn't protect users on shared VLANs.	Unified solution for local or remote access. Protects remote as well as in-office corporate users.
Suitable for partner, contractor, vendor access	No	Yes. Restricted Zero Trust access to authorized applications only
Cumbersome VPN agent required?	Yes	No. Web application access doesn't require any agent. For native OS support for SSH, RDP, and DB access, a lightweight OS plugin is required.
Per user and per app access control	No	Yes, granular policy control, user and application grouping for Zero Trust access
Granular Per Application Access Analytics	No	Yes
Unified Authorization, Authentication, and Intent based application access	No	Yes, SSO and MFA based access control. Unified access policy for in-office and remote access. Intent check* before granting application access for maximum security
Integration with leading EDR vendors for device profile check and access control	No	Yes

About Airgap

The world order has changed overnight. The IT organization is under more pressure and scrutiny than ever before. In addition to ensuring security, there is a strong argument in favor of modernizing enterprise infrastructure. Trusted by leading managed service providers, Airgap's patent pending enterprise grade Agentless Zero Trust Isolation platform addresses some of the fundamental security and networking challenges faced by the IT organizations. We'd love to demonstrate our solution and walk you through Airgap's core capabilities, the roadmap, and the vision. To learn more about our platform or to schedule a demo, please feel free to contact us at info@airgap.io