DYNAMIC EDGE PROTECTION
with Secure Access Service Edge

ACL Digital SASE solution ramework is a customisable software stacks that can be used by enterprises, NEMs and Telco service providers to build SASE solutions. The framework comes as VNF based full stack network security services with a set of code libraries, support programs and APIs that help organizations shorten the R&D lifecycle and launch Advanced SASE solutions.

Network

Security

SASE

A Paradigm Shift of Network Security

In Digital Transformation

Many of the traditional security solutions are no longer provide the level of security and access control that organization and users required to meet the digital innovation efforts. To provide low-latency access to end users, devices and cloud hosted services anywhere, Telecom Service Providers and enterprises are started adopting SASE.
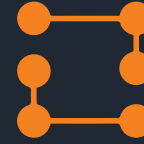
Easy to build, Customizable frameworks

ACL digitals SASE solutions are designed to extend and enhance the security control of Work force, workloads and workplace. These solutions can seamlessly integrated into the larger Security Fabric. Solution provides cloud native security functions like secure SD-WAN, Secure web gateways, cloud access security brokerage, Identity and Access Management, Cloud delivered Firewall as service, VPN, WAF and zero-trust network access.

Cloud Connected Branch and Remote offices

Cloud Enabled Mobile workforce

Data Protection through Identity and Access Management (IAM)

Zero Trust Network Access

Secure Network access for IaaS, SaaS and PaaS environment

Enforce policies centrally to manage distributed IT assets and user access

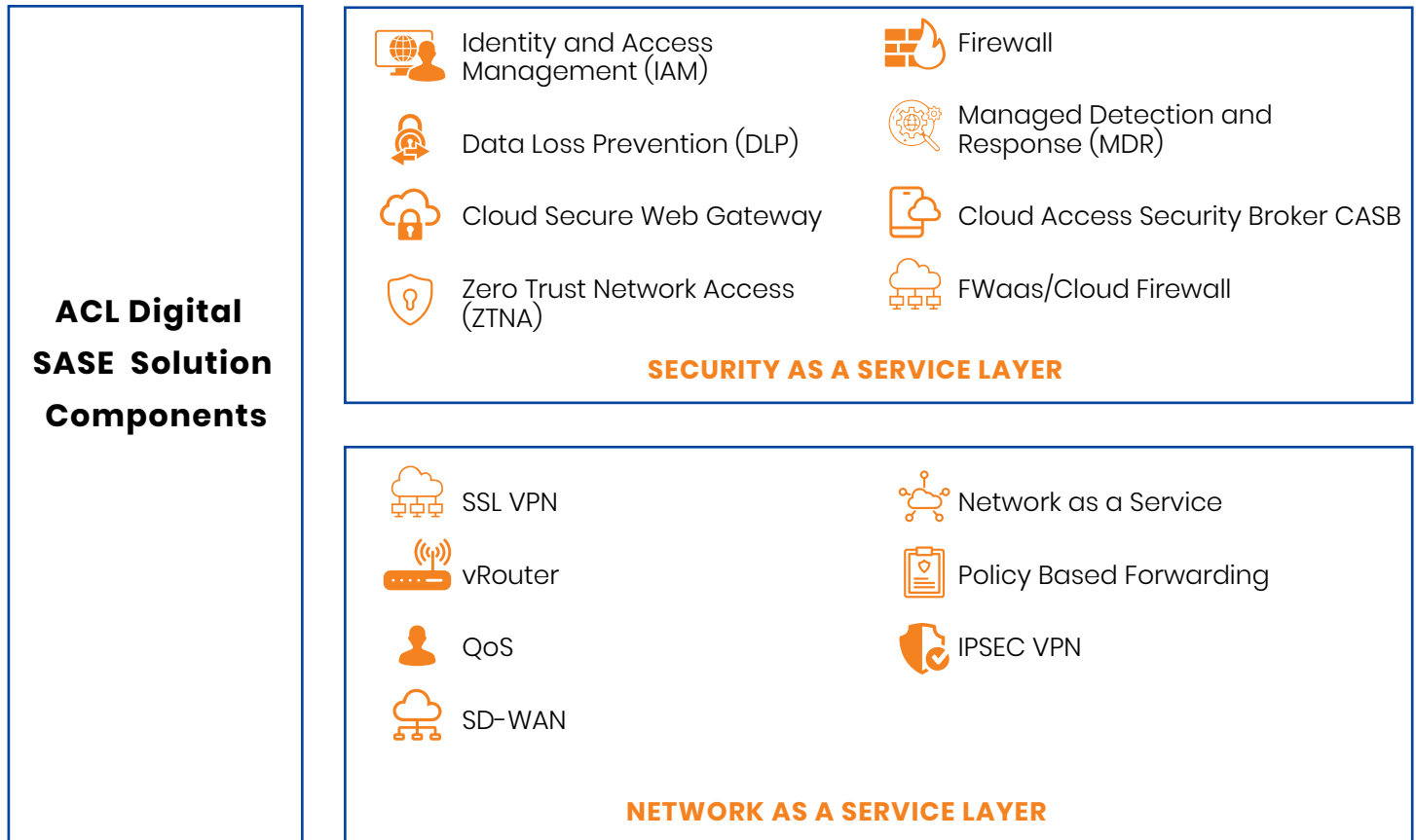**Anytime, Anywhere Secure access to BYOD and remote users**

ACL Digital SASE Solutions and Services

> A fully integrated cloud hosted Secure SD-WAN solution

> Cloud Access Security Brokerage(CASB) solution for multi cloud management

> Service integration for Identity and Access Management

> Mobile device management and mobile application development for BYOD users

> Cloud Native VNF application for firewall, VPN, Router and IDS/IPS services

> Cloud hosted Secure web Gateway enables SSL inspection, URL filtering, DPI and WAF services

> Security incident management and Threat detection

SD WAN

Cloud Security

Zero Trust

SASE

MDM/BYOD

MDR

Security as a service

Flexible SASE platform that offers comprehensive range of Network & Security Services

The need to tightly control and manage access to applications and services will increase the demand for consolidation of network and security services capabilities into a cloud-delivered secure access service edge (SASE). Details of ACL Digital SASE security elements are shown in the below image

ACL Digital SASE Solution Components

SECURITY AS A SERVICE LAYER

- Identity and Access Management (IAM)
- Data Loss Prevention (DLP)
- Cloud Secure Web Gateway
- Zero Trust Network Access (ZTNA)
- Firewall
- Managed Detection and Response (MDR)
- Cloud Access Security Broker CASB
- FWaas/Cloud Firewall

NETWORK AS A SERVICE LAYER

- SSL VPN
- vRouter
- QoS
- SD-WAN
- Network as a Service
- Policy Based Forwarding
- IPSEC VPN

Secure SD-WAN

- Open source-based SD-WAN solution.
- API driven centralized platform.
- Built-in IDS/IPS for internet breakout sessions
- One Touch deployment and Zero Touch Provisioning of services

Zero Trust Network Access

- Identity and Access Management solution
- Multi-factor Authentication (MFA)
- Single Sign-on (SSO)
- User/ Device Profiling for BYOD users.
- Application Centric micro segmentation

Cloud Security

- Cloud Access Service Brokerage (CASB)
- WAF Service development
- Secure Web gateway services
- Cloud VPN framework
- Cloud Firewall frame work
- Cloud Service Router

Marquee Success Stories

> **Secure SD-WAN Solution for a USA based $130 Billion Telecommunication Service Provider**

Enterprise Customers using MPLS connectivity to access the applications hosted in Datacenter from Branch offices. Internet Traffic is backhauling to Datacenter while accessing the applications hosted in AWS cloud. The end users are experiencing performance degradation while accessing the cloud hosted applications. To address these challenges ACL Digital Solution Engineering team configured Cloud Based Secure SD-WAN Gateway solution using IP Sec VPN tunnel for branch offices over the internet. Enabled one touch provisioning and Zero touch activation of Branch offices through SD-WAN Gateway.

> **Secure Web Gateway Services for a USA based $500mn Wired and Wireless Network Equipment Manufacturer**

Customer developed Secure Web Gateway (SWG) Services by using ACL Digital vVPN, vCPE and vFirewall frameworks. ACL digital Solution Engineering team hosted these services in Google cloud by Providing Secure IPsec VPN tunnel between the Small cell locations and Remote offices from Google Cloud. Established highly available Multi cluster VPN gateway instances at Google Cloud and auto scaling of Secure Gateway clusters for capacity management. Enabled Management and monitoring of IP Sec VPN tunnels and VNF instances hosted in Google cloud.

> **Cloud Access Service Brokerage (CASB) solution for an APAC based $500 million Cloud Service Provider**

Customer is developing Cloud management platform for multi cloud environment. The platform serves as an aggregation, integration and customization point for services from a broad ecosystem of cloud service providers. The objective of building the platform is to provide a vendor neutral marketplace for end users to order IT services from multiple cloud service providers. ACL Digitals Solution engineering team developed Orchestration engine to design, manage and build all the underlying components and resources that defined services. Service blue prints created by the Orchestration engine are distributed across physical and virtual workloads on multi cloud platform. Orchestration engine has the capabilities of Server automation, Network and Security automation, Database and application deployment automation.