

INTRODUCTION TO SASE

Cloud-Native Networking & Security

1 THE CHALLENGE



Automation, responsiveness and flexibility are paramount in today's digital businesses. Current networking and security solutions are **incompatible** with this cloud-centric and mobile-first model. Instead, they are **slowing down** the business instead of enabling innovation and agility.

IT architecture **needs to evolve** to support the digital business today and, in the future, where faster product development, speed to market and response to ever changing market conditions is paramount.

2 THE SOLUTION

Secure Access Service Edge (**SASE**) is a new enterprise networking technology category converging the functions of network and security point solutions into a unified, global cloud-native solution.

The individual technologies and services that make up a **SASE** solution consist of existing Network-as-a-Service and Security-as-a-Service offerings:

SD-WAN

Firewall as a Service

Bandwidth Aggregation

Zero Trust Network access

Built for full visibility to all traffic from all edges – physical, cloud and mobile, **SASE** applies a rich set of security and networking engines on traffic, enabling full inspection for threat prevention and access control.



IT IS



IDENTITY DRIVEN

Determining the true identity of every enterprise resource, whether it's a person, an application, a service or a device



CLOUD NATIVE

Leveraging key cloud competencies including multitenancy, scalability, velocity and efficiency



ALL EDGES

Supporting all enterprise edges - physical, cloud and mobile - with full networking and security capabilities.



GLOBALLY DISTRIBUTED

Guaranteeing that wherever your resources are located, the full range of networking and security resources will be available to support them

SASE COMPONENTS

CLOUD

Global distribution of networking and security capabilities.

POINTS OF PRESENCE

Symmetrical, interchangeable, multi-tenant and mostly stateless.

EDGE

SASE clients include SD WAN, firewalls, routers and device agents.

MANAGEMENT

Real-time, centralised policy management and data analytics.

CORE CAPABILITIES



RELIABLE CONNECTIVITY



AUTHENTICATION



ACCESS CONTROL



APPLICATION OPTIMISATION



DECRYPTION



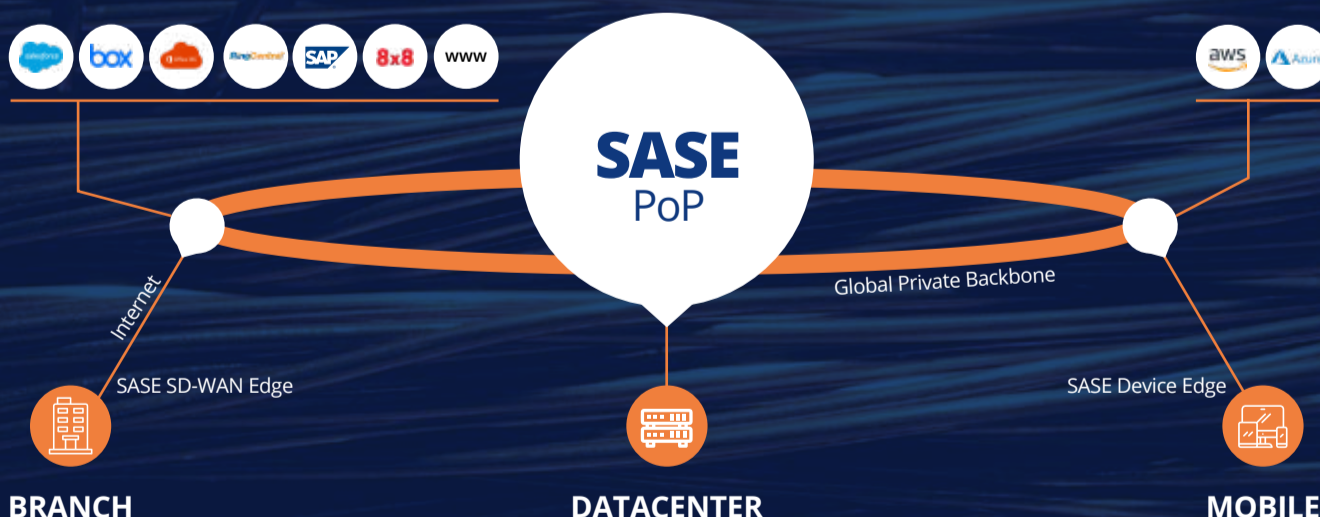
THREAT PREVENTION



DATA LOSS PREVENTION

SASE CLOUD

Converged Traffic Optimisation | Access Control | Threat Prevention



3 KEY BENEFITS

SASE reduces product development time, delivery to market and response time either to business change or the competitive landscape. It fundamentally has a transformational impact across multiple IT domains.



Provides end-to-end visibility and control
Increases organisational agility
Increases operational efficiency



Reduces exposure to risk
Reduces management complexity
Reduces total cost of ownership

INTERESTED IN FINDING OUT MORE?

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