



# Secure Access Services Edge (SASE)

For controlling and protecting your data, wherever it's stored.

Over the last 12 months, there's been a seismic shift away from traditional enterprise applications, network and data centre models, and the growth in the use of Public Infrastructure-as-a-Service (IaaS) and Platform-as-a-Service (PaaS), which is set to continue. We're seeing more user workloads now running in IaaS and PaaS than in traditional data centres, and more and more organisations are moving to SaaS-hosted tools like Salesforce, ServiceNow, and Office 365.

There's been a similar change in where businesses store their critical

corporate data. Industry analysts Gartner predict that by 2022, we'll create and process more than half of enterprise data outside of data centres. But concerns remain over whether or not this data will be adequately protected.

This drive for digital agility has created a dynamic enterprise perimeter, and a real danger that when users, devices and data can be created and stored anywhere, loss of visibility and control follows. Secure Access Services Edge is the answer.





## What is SASE?

Security thinking and leading practice has been moving towards SASE (pronounced 'sassy') to protect this new perimeter for some time now. Our own Cloud Security Architecture not only includes the same principles as SASE, but when introduced also predicted that any new definition of the perimeter needed to include endpoint, identity and threat management.

SASE brings together connectivity and network security into a single policy-driven service that provides consistent, centrally-managed access and security, from edge to edge. It covers the myriad ways we now work, whether in remote offices, homeworking or as workers on the move – helping to protect critical data and applications wherever they are. Add those elements of endpoint protection, identity and threat management, and the benefits really start to add up.

## What are the benefits of SASE?

- SASE cuts complexity by consolidating your security stack and reducing the number of security products you have to manage.
- It supports a zero-trust approach to the cloud and underlying infrastructure, so you know your session's protected, whether a user is on your network or using the public cloud.

- It increases visibility, so you're better able to see emerging threats, and can easily incorporate robust data protection across your network. As an over-the-top (OTT) architecture, SASE should ideally blend cloud-based-controls, your existing on-site controls and end-point controls with advanced threat detection.
- Analysts agree that SASE is the future. Gartner summarise it as "a new package of technologies including SD-WAN, SWG, CASB, ZTNA and FWaaS as core abilities, with the ability to identify sensitive data or malware and decrypt content at line speed, and continuous monitoring of sessions for risk and trust levels." Gartner also expects significant take up in the next few years, to the extent that "by 2024, at least 40% of enterprises will have explicit strategies to adopt SASE".





## How easy is it to move to SASE?

The future direction of security is clear. But no-one wants to rip and replace their existing network and security investments – nor have to rely on a single vendor to get the benefits of SASE. So how do you implement SASE in a way that makes the most of what you already have in place?

You've told us you want secure connectivity and security of applications both into and from the cloud, whether that's public, private, hybrid or multi-cloud. You want evolution rather than revolution, to reduce the risks of big change in what is a challenging period. And you want to minimise IT investments at a time of reduced cash flow and revenues.

Here are the three key questions that will reveal where you stand, and help you move to SASE easily and cost-effectively.

## What have we got (or are planning to get) that will support SASE?

Ask how you can use these things to deliver secure connectivity, secure applications and data confidentiality into both public, private hybrid and multi-clouds.

## How can we make the most of our existing investments?

Ask how your investments in endpoint, edge, network and security technologies and identity and access control solutions can be part of your SASE solution, whilst optimising and unifying how they're managed.

## What management options are available?

Ask whether experts can maintain your network and security services in real time, maximising routes, tuning security policies and maintaining your posture. Find out if they can manage peering and cloud access, and resolve

technical, performance and cyber threat response issues before they occur.

## Building your future security with us

- We're putting SASE at the heart of our cloud security architecture strategy.
- We're bringing together our experience in network underlays and SD-WANs with both network and cloud-based security capabilities.
- We're using our native orchestration platforms, so you can underpin and carry out provisioning and change via a single policy, control and event data framework.
- We're continually evolving our cloud security architecture to meet your current and future needs. Our software-defined networking capabilities come with cloud-native

security functions like secure web gateways, cloud access security brokers, firewalls, and zero-trust network access. That way you'll stay secure, however your business develops.

Working with us, you'll be able to migrate your existing legacy architectures, tapping into our expertise in managing at volume and scale. We have 3,000 security experts and 16 accredited global security operation centres that monitor and manage your devices 24/7. With solutions powered by real-time, context-based security assessment and threat management capabilities, you'll get dynamic management and responses for a safer future. We'll help you accelerate your digital journey. Securely.

Find out more about SD-WAN, the network for smart businesses, that comes with integrated security.

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