

# Secure Access Service Edge (SASE)

Full control and visibility of the corporate network at the edge, in the Cloud, or both

## Networking

- Agile and resilient WAN
- Holistic security ecosystem
- Cloud-scale remote access
- Global acceleration
- Multi-cloud optimisation



## Security

- Software-define capabilities
- Enterprise-grade security at the edge
- Private backbone with traffic optimisation
- Complete access control and threat prevention



With the modern, distributed workforce utilising numerous SaaS applications from multiple locations, via an increasing range of devices, Cloud applications are accounting for more than half of network traffic. As a result Cyber security represents an evolving challenge for IT teams, as criminals reveal new, increasingly sophisticated ways of compromising corporate networks and sensitive data. A new approach to security is therefore required... One that meets growing organisations' drive for a data-centric, Cloud-ready solution that supports their ongoing expansion and modern perimeter-less network architectures, with centralised management of all sites.

Secure Access Service Edge (SASE) is the answer, providing a powerful framework for the convergence of networking and network security services within a global cloud-based platform to protect users, applications,

and data (as defined by Gartner).

Built on a Cloud-based, Secure Web Gateway (SWG), Exponential-e's SASE solution – powered by Cato Networks, the world's first SASE vendor – optimises the availability and security of Cloud applications while automatically applying corporate security policies at the edge, for a more streamlined security posture that provides robust protection against current threats and powerful insights into emerging ones that legacy infrastructure – such as standalone SWGs, NGFWs and endpoint defences – will frequently miss.

This provides organisations with the freedom to expand nationally and internationally, while embracing all the possibilities offered by Cloud adoption and the new hybrid working model.

## The Results

- Secure access to critical applications for both office and remote users
- Complete flexibility and scalability
- Reduced complexity
- Tangible cost savings
- Streamlined expansion into new regions
- Less physical hardware required at the edge
- Full compliance and data protection
- Zero-trust cyber security
- Enhanced application performance



## Why SASE from Exponential-e?

Exponential-e offers a world-class SASE solution as a fully managed service, utilising Cato SD-WAN and Cato SSE 360, converging critical security functionality, such as SWG, CASB, DLP, ZTNA and FWaaS, into a single Cloud service. Cato's global private backbone, with more than 75 PoPs worldwide, ensures any latency, jitter, and packet loss is minimised, for fully optimised and highly secure application access.

We take a deeply consultative approach to SASE deployments, working closely with your teams to design and deliver a solution that is right for your organisation, employees, and long-term business goals. Once this has been finalised, we will be there every step of the way, providing hands on support up to the final launch day and beyond to ensure targets are met, disruption is minimised, and your teams are able to enjoy the full range of advantages SASE offers straight away.

## Benefits of SASE

- Robust protection from malware, phishing attacks, drive-by exploits, and viruses
- Global availability of critical business applications, with zero restrictions
- Low-touch deployment, for faster speed to market and minimal disruption to daily operations
- Fully centralised management, for a holistic view of the entire network, with comprehensive analytics and the ability to inspect all traffic without network degradation
- A simplified solution stack, with no need to manage multiple vendors, solutions, and bills
- Unlimited scalability, with no forced upgrades and automated sizing, upgrades, patching, and refreshing of appliances
- Automatic application of corporate security policies at the end, wherever employees are connecting from
- A Cloud-ready solution, allowing employees to access Public and Private Cloud resources from anywhere, with zero compromise in terms of security
- A fully managed service, to reduce risk while optimising scalability, resilience, and cost control
- Effective integration with SD-WAN overlays, bringing together the worlds of Cloud, network, and security
- A data-centric approach to security, ensuring all sensitive data is protected from the point of creation, at rest and in transit
- Streamlined analysis of any threats and events, allowing IT teams to take a proactive approach to cyber security
- Protect the corporate infrastructure through sandboxing environments, where suspicious code can be tested and analysed

## Features

- **Secure Web Gateway (SWG)**, offering full control and visibility of all web traffic
- **Zero-trust Network Access**, utilising strong authentication and granular access controls with deep packet inspection to enable secure remote access to critical applications
- **Cloud Access Security Broker (CASB)**, providing full control and visibility of who is access which Cloud applications, incorporating Cato's unique Application Credibility Engine (ACE), for a real-time view of application security and compliance
- **Firewall as a Service (FWaaS)**, delivering next-generation security and control for every user, with minimal need for physical hardware
- **Data Loss Prevention (DLP)**, for full visibility and context awareness of data movement
- **Dynamic Path Selection**, to ensure the best available link is automatically utilised
- **Domain Name System (DNS) Security**, utilising predictive analytics, machine learning and automation to combat traffic-based threats
- **Endpoint Detection and Response**, providing real-time alerting and threat analysis to avoid future attacks
- **Client Software Agent**, providing users with secure access to the Cloud, combined with effective filtering and control
- **Web Application Firewall (WAF)**, for complete protection against HTTP application attacks
- **SSL/TLS Inspection**, automating the inspection of encrypted traffic for potential threats
- **URL Filtering**, to prevent employees from accessing potentially harmful sites
- **Cato Socket SD-WAN for locations**, offering enhanced security and QoS via low-touch provisioned devices at the edge

## About Exponential-e?

Exponential-e is a UK leader in Cloud, Connectivity, Communications and Cyber Security, with a unique consultative approach to delivering bespoke, fully integrated solutions that enable scalable, high-performance IT infrastructure. As a trusted technology partner for more than 3,000 companies, our evolving portfolio encompasses everything from public and private cloud to leading-edge SD-WAN and cyber security solutions, supported by our managed IT services. Our commitment to innovation and customer satisfaction is at the forefront of our endeavours and is reflected in our nine ISO accreditations and industry leading NPS score, updated live on our website.

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Quality Management

ISO 27001  
Information Security Management

ISO/IEC 20000-1  
Information Technology Service Management

CSA STAR  
Cloud Security

ISO 22501  
Business Continuity Management

ISO 50001  
Energy Management

ISO 14001  
Environmental Management

BS 10012  
Data Protection

ISO 27017  
Security Controls for Cloud Services