



# SASE Fundamentals

Experience the benefits of SASE without introducing additional complexity or management overhead into your environment.

**TENEO**  
OPENING MINDS

# Making the case

Today, many organizations recognize that they need to redesign their WAN infrastructure to improve performance, become more agile, simplify management, and enhance security, all while reducing cost. But this can be challenging for lean I&O teams, as they often lack the time and resources to design and implement transformational projects like SASE. And while most organizations want to pivot quickly in times of change, many find that their underlying WAN infrastructure isn't fit to support such dynamic and digital business.

Some teams are taking a different approach to SASE and are already seeing results from their SASE deployments in a short timeframe. They've turned to Teneo's SASE Fundamentals, a turnkey, all-in-one platform, created for lean I&O teams that want to take advantage of the benefits of SASE, without introducing additional complexity and management overhead into their environment.

The platform combines enterprise-grade SD-WAN technology with next-generation security features, all controlled and managed 24x7x365 by our dedicated team of experts. SASE Fundamentals allows you to build a secure WAN fabric connecting Data Centers, branch locations, remote users and Cloud services, and enables you to harness the power of secure, software-defined networking at a predictable monthly price.

## Our approach



### Design

- Solution requirements gathering.
- Detailed HLD & LLD creation.
- Customized site deployment guides.



### Supply

- Global supply of SASE hardware, licensing, and support.
- White-glove global logistics service.



### Migration

- Migration design and planning.
- Zero-touch onsite deployment service.



### Management

- Fully managed service working as an extension of your team.
- Lifecycle management with service enhancement and reporting.

## Service level summary

The elements that make up SASE Fundamentals are as follows.

### SD-WAN

With full management from the central orchestrator, each edge node delivers the following SD-WAN functionality:

- Routing (Static/OSFP/BGP), SD-WAN, CGNAT and QoS
- Local Internet Breakout
- Full-Mesh and Hub-n-Spoke topologies
- Fully transport agnostic
- Ethernet, LTE & WiFi
- Multi-Link Dynamic Path Selection with Forward Error Correction
- Application Acceleration (license upgrade required)
- Fabric wide network visibility with live dashboards and historic reporting
- Physical, Virtual and Cloud form factors with single and HA deployment options
- Supports up to 20Gbps of throughput per location

## Next-Generation Firewall

Built into each edge node is fully integrated security and threat reporting functionality.

- Layer 7 Next-Generation Firewall
- URL Filtering
- DOS Protection
- IPS, Malware & Virus Protection (license upgrade required)
- Predefined and customizable AV, NG-IPS, URL categories
- Security risk, threat and incident reporting

## Secure Web Gateway

Secure Web Gateway provides protection to sites, home offices, and mobile users accessing distributed web applications without compromising security or performance.

- Secure access to cloud and SaaS resources
- Protection against web-based threats and Malware
- Real Time Traffic inspection leveraging a Single Pass Architecture
- Fully compliant with industry and government regulations
- Highly scalable
- Off load security from the branch to the cloud
- Security risk, threat and incident reporting

## Secure Remote Access

Secure Remote Access is a distributed solution to securely connect distributed users to enterprise applications built on Zero Trust Network Access principals.

- Application Segmentation
- Multi-Factor Authentication
- Per User/User Group based control
- Network Obfuscation and Topology hiding
- Application and Network visibility
- Assured Application Experience
- Optional Private Hosted Gateways for enhanced privacy
- Access, risk, threat and incident reporting

## Managed Service

Delivered from Teneo Global Network Operations Centers, 24x7x365 by our team of SASE experts, we'll ensure that your SD-WAN overlay and SASE features are available and delivering against your identified outcomes.

- Maintained Global Asset Register
- 24x7x365 network and security event monitoring
- Managed SD-WAN incident response
- Managed RMA process with remote support for hardware swap out
- Managed changes to policy and logical configuration of your SASE environment
- Monthly statistical reporting with quarterly analysis
- Recommendation for service enhancement
- Lifecycle management





## Service value

### One Platform

All-in-One SASE architecture with cloud security stack and Zero Trust Network Access.

### SASE Workshop

Collaborative SASE workshop process to identify and agree technical and commercial requirements.

### Design Experience

Proven design process to de-risk your transition to SASE.

### Expert Logistics

No-hassle supply of kit to site.

## Service outcomes

- Customizable deployment service to fit your resource level and requirements.
- Fully managed service to maximize the long-term value of your SASE deployment.
- Delivery of a secure and reliable network platform to underpin innovation and drive competitive advantage through technology.

## Next steps

To get started with SASE Fundamentals, contact us to schedule a meeting today at [www.teneo.net](https://www.teneo.net).

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