Integrity360

your **security** in mind

Managed Secure SD-WAN Service

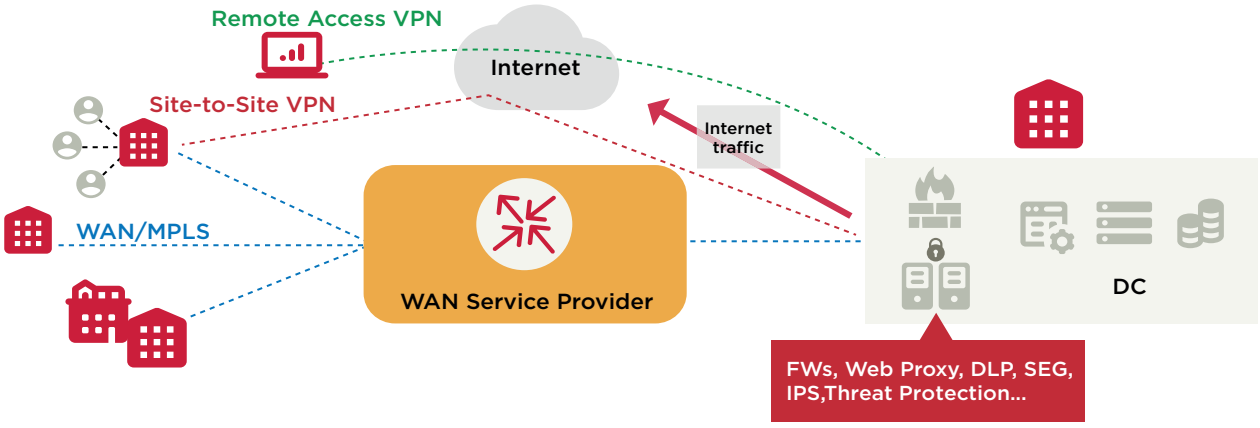
Unlock the full potential of SASE architecture

Introduction

Since the early 2000s, Enterprise Network Architecture relied heavily on a perimeter security approach, with Next-Generation Firewalls (NGFW) at the heart of this model. Most organisations adopted design principles such as security zones, WAN Edge for remote offices and branches, and a Demilitarised Zone (DMZ) where security services are centralised for network traffic – commonly North/ South traffic – to be inspected, applying security controls and policies. That included web filtering, Data Loss Prevention (DLP), Intrusion Prevention and Detection Systems (IDS/IPS), and other security appliances, forcing the network architecture to adopt a hair-pinning approach for all corporate network traffic to be able to consume these security services.

That model was fit for purpose under the following circumstances:

- Almost all the corporate data is stored in the datacentre
- Most corporate applications are hosted in the datacentre
- Most corporate users access these applications and data from corporate locations
- For the fraction of users who need remote access, remote access VPN was sufficient to provide the required connectivity to corporate HQ
- Security zones with "trust" levels were a common security architecture principle



Fast forward to the 2020s, these circumstances changed drastically:

- Corporate data is everywhere, across on-prem datastores, cloud platforms (including IaaS and PaaS), and cloud applications (SaaS) both corporate SaaS instances and non-sanctioned SaaS or personal instances (AKA Shadow SaaS apps)
- Corporate applications are a mix of self-hosted, cloud-hosted, and SaaS apps
- Work From Anywhere (WFA) and hybrid working are the normal business models
- Remote access VPN is no longer sufficient for the new business requirements
- With the disappearance of the traditional network security perimeter, Zero Trust principle became an impactful drive for most organisations' cyber security programs

SASE in a nutshell

On an abstract level, SASE is an architecture, a principle where security controls are consolidated and moved from the datacentre to the Cloud Edge, and all WAN and remote network connectivity is orchestrated and managed centrally, building a converged network and security architecture, allowing any asset to access any resource regardless of where either is located.

SASE architecture comprises two main components: Security Service Edge (SSE) and the WAN Edge Services (mainly SD-WAN)

Trends accelerating SASE adoption

- **Increased cloud adoption**
- **WFA and hybrid work model**
- **Zero Trust Architecture**
- **Business innovation increased velocity**
- **5G**

"39% of respondents said they had deployed or will deploy SASE within 24 months."

– Gartner, CIO and Technology Executive Survey, 2024

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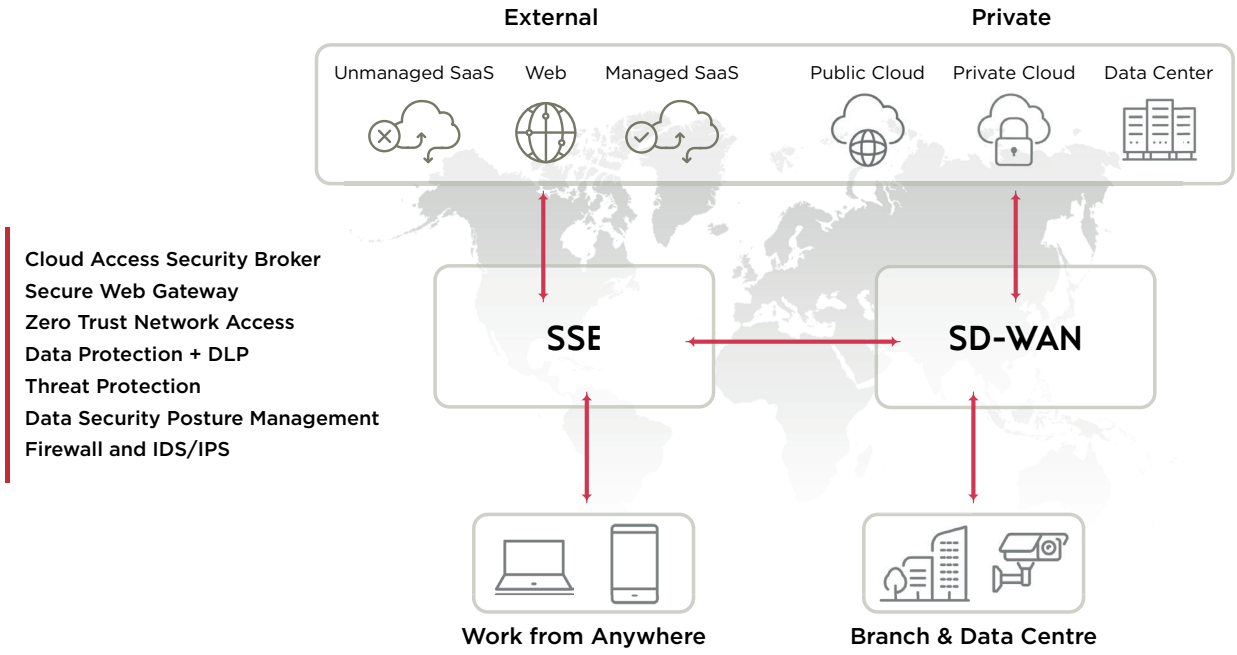
Two approaches to SASE

The two main models to adopt SASE architecture is Single- and Dual-vendor SASE. This means organisations looking to adopt SASE can choose to procure a single-SASE vendor solution that covers both SSE (Security Service Edge) and SD-WAN, or to utilise separate solutions for these two technologies.

There are many factors and considerations that can influence that decision, clearly single-SASE solution introduces a fully-consolidated experience with unified management, while a dual-vendor approach provides many organisations a level of flexibility that guarantees the network requirements are met with the most suitable SD-WAN solution, while security teams can focus on the SSE use cases, given – of course – the full integration abilities between the SD-WAN and SSE selected technologies.



Adopt the right SASE strategy with Integrity360

Integrity360 offers consultancy and managed services to help our clients along their SASE adoption journey from solution architecture, migration and implementation to full managed services.

Our SASE managed services are designed as two main services: Managed SSE Service and Managed Secure SD-WAN Service. We offer our clients the flexibility they need, as we understand that not every organisation is in the same position when it comes to network and security modernisation programs. Tens of factors influence their priorities, whether it's business requirements, compliance gaps, or other digital transformation initiatives.

This brochure focuses on the Managed Secure SD-WAN Service. For more information on the Managed SSE Service please visit https://www.integrity360.com/managed-security/managed-security-service-edge

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Our Secure SD-WAN Services

Integrity360 Managed Secure SD-WAN Service (Software Defined Wide Area Network) is a managed service aimed at providing our customers with secure connectivity over any transport type, utilising centrally managed SD-WAN devices to establish a secure and flexible virtual private network to connect separate physical, virtual or cloud locations.

Our managed service offers a secure, scalable, and efficient solution that integrates advanced security measures with ongoing professional support, ensuring continuous performance and availability monitoring, threat protection, and security policy enforcement.

This service can seamlessly integrate with Integrity360 Managed SSE to deliver a complete managed SASE solution, following a single-vendor or a dual-vendor SASE approach in alignment with the customer network and security requirements.

Customer challenges

Inflexible and costly Service Provider WAN services, not agile enough to cater for the fast-changing business requirements.	**Our solution: Optimised and resilient connectivity across multi-ISP environments.** The service manages SD-WAN overlay networks independently of underlying ISPs, enabling cost-effective and high-performing multi-cloud and hybrid environments.
Legacy standalone WAN solutions, with complex management and visibility gaps, without application-performance context or deep traffic visibility.	**Our solution: Simplified network operations and improved visibility.** The service streamlines WAN management with a centralised platform offering real-time insights, automated policies, and performance analytics, empowering businesses to make informed decisions while reducing operational complexity.
Increasing load on network and security teams, and difficulties providing 24/7 coverage.	**Our solution: Remote monitoring, support and management.** The service is delivered from Integrity360 SOC, ensuring continuous monitoring for the managed solution availability and performance, providing incident support and change management, significantly reducing the effort required by the in-house teams.
Traditional support services can't cope with the business growth, novel use cases and demanding migration or transformation programs.	**Our solution: Supporting business growth with scalable, customised solutions.** The service is not tied to one security vendor or ISP – we cover multiple leading security vendors, resulting in a flexible service that can cover multiple scenarios and business use cases, whether it's gradual migration from legacy ISP WAN, adopting SASE architecture, or enabling Direct-Internet-Access (DIA) and Direct-Cloud-Access (DCA) designs.

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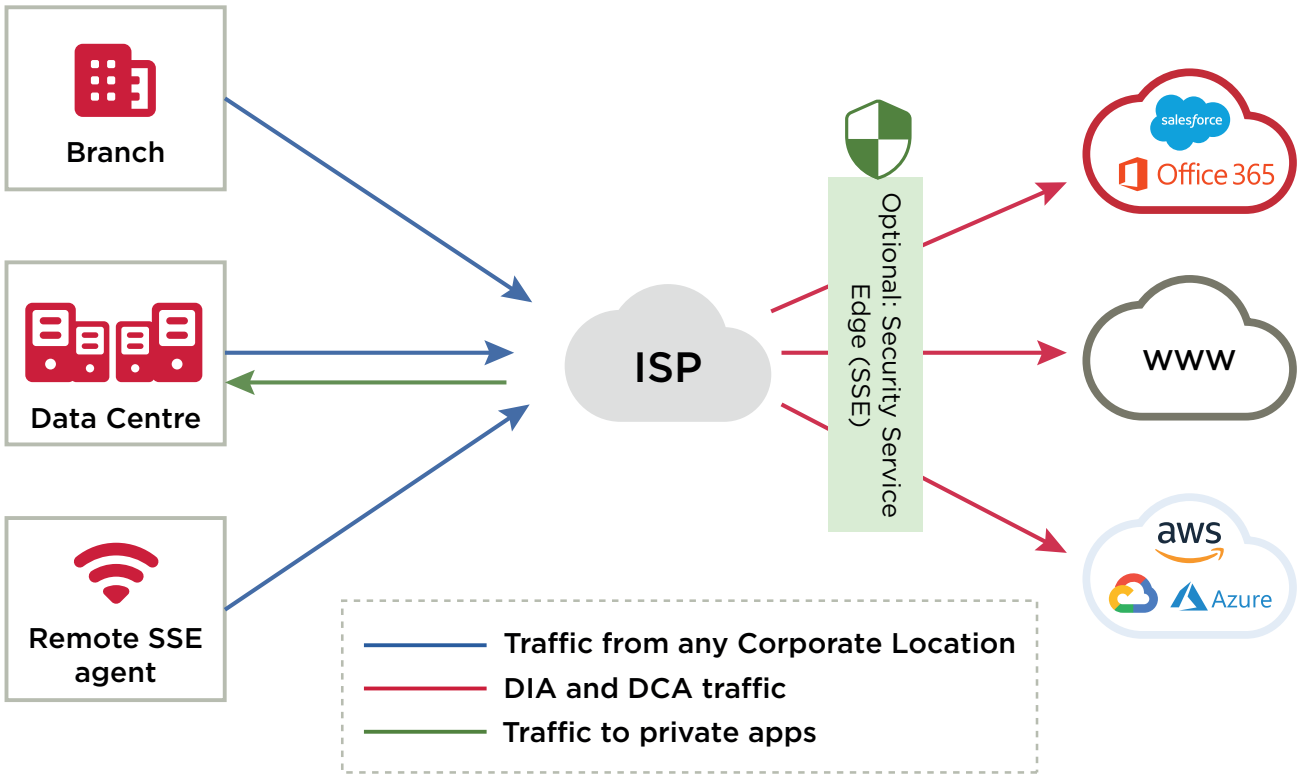

Integrity360 offers a range of services to cater for our client's needs:

Professional Services

Our expert-led Professional Services team help with the design, build, migration and deployment for the SD-WAN solution.

Managed service overview

- Our managed service covers the day-to-day operation and monitoring for the deployed technology, taking the management burden off your in-house teams.
- The service from Integrity360 is a remote managed security service that provides monitoring, support, configuration and change management, for the client's managed SD-WAN solution.
- The service provides enterprises with a secure, scalable, and high-performance networking solution designed to optimise connectivity across branch locations, cloud environments, and datacentres.

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- As a Managed Security Service Provider (MSSP), we follow a security-first approach and manage the Advanced Threat Protection (ATP) policies provided by Next-Generation Firewalls (NGFW) as part of the service.
- The service is ISP-agnostic, allowing our clients to leverage multiple connectivity providers for resilience and cost efficiency while we handle the orchestration, monitoring, and optimisation of the SD-WAN overlay.
- The service utilises the centralised management platform of the SD-WAN solution to provide full visibility and control, enabling dynamic traffic routing based on application priorities, network conditions, and security policies. By embedding automated policy enforcement and performance analytics, the service simplifies network operations, reduces downtime, and enhances user experience.
- Designed for organisations with multiple locations, or using hybrid or multi-cloud environments, our Managed SD-WAN Service ensures seamless, secure access to cloud applications and resources while meeting compliance requirements, such as encryption levels, access controls, and providing logging/ auditing capabilities.
- With 24/7 monitoring and proactive incident management from our expert SOC team, this service empowers businesses to focus on growth while we safeguard their networks.

Core managed service deliverables

Feature	Managed Secure SD-WAN
24x7 remote support	✓
24x7 infrastructure monitoring	✓
Proactive incident management	✓
Central management for the SD-WAN overlay network policies	✓
Central management for the SD-WAN security policies	✓
Periodic updates and patching for the solution infrastructure	✓
Custom dashboards	✓
Custom reporting	✓
Integration with 3rd party solutions	✓
Integration with Managed Security Service Edge (SSE)	Add-on
Extended managed service for SD-Branch LAN/WLAN	Add-on

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Why Integrity360 Managed Secure SD-WAN Service?

Our MSS team takes care of all operational security tasks, from policy development to change management and reporting. We ensure your security technologies stay up to date by handling upgrades and patching, keeping your defences strong and compliant.

Acting as an extension of your operational support team, we work in partnership to align security services with your business needs. Our approach enhances operational efficiency by delivering consistent, reliable, and anticipated outcomes.

With built-in flexibility, we adapt to evolving business requirements and changes in workload, responding quickly and effectively. Whether it's optimising security processes or addressing new challenges, Integrity360's MSS team is committed to delivering value while reducing the burden on your internal teams.

Your security, our priority

With Integrity360's Secure SD-WAN Services, managing your SD-WAN overlay becomes an integrated process. Our experts take the complexity out of SD-WAN management, delivering seamless protection, scalability, and deliver value aligned with your business goals.

Why choose Integrity360?

Choosing a cyber security provider is a critical decision for any business. Here are just a few reasons why you should choose Integrity360:

- **Passion & commitment:** We are passionate about cyber security and committed to delivering the best possible protection for our clients' businesses.
- **Certifications:** Greatest level of technical certifications and capability.
- **Partnerships:** Strongest vendor partnerships and support arrangements.
- **Recognition:** Recognised by Gartner in multiple market guides.
- **Six Security Operation Centres (SOC)** located in Ireland, Spain, Italy, Sweden, Bulgaria and South Africa.
- **Experience:** With over 500 security consultants, engineers, and analysts, we have the global experience and expertise to safeguard your business from even the most complex and evolving threats.
- **Reputation:** We have earned the trust of thousands of global companies and have a strong reputation in the industry, built upon by exceptional technical expertise, a client first attitude, and a proven track record on complex security projects.
- **Customised solutions:** We take a personalised approach to cyber security, partnering closely with each client to understand their unique needs and recommend the most effective security solutions.

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