Product Brochure

Singtel Managed Secure Service Edge

Simplifying security management for the modern-day enterprise

Singtel Managed Secure Service Edge (SSE) brings together best-of-breed solutions needed to implement a zero trust security model, and provides a managed services overlay that simplifies security management with a unified view across the different products via a single digital dashboard. This, together with managed threat detection and response and 24/7 support, helps ensure secure connectivity for a hybrid workforce and cloud-centric workloads in the modern-day enterprise.

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Enterprise challenge

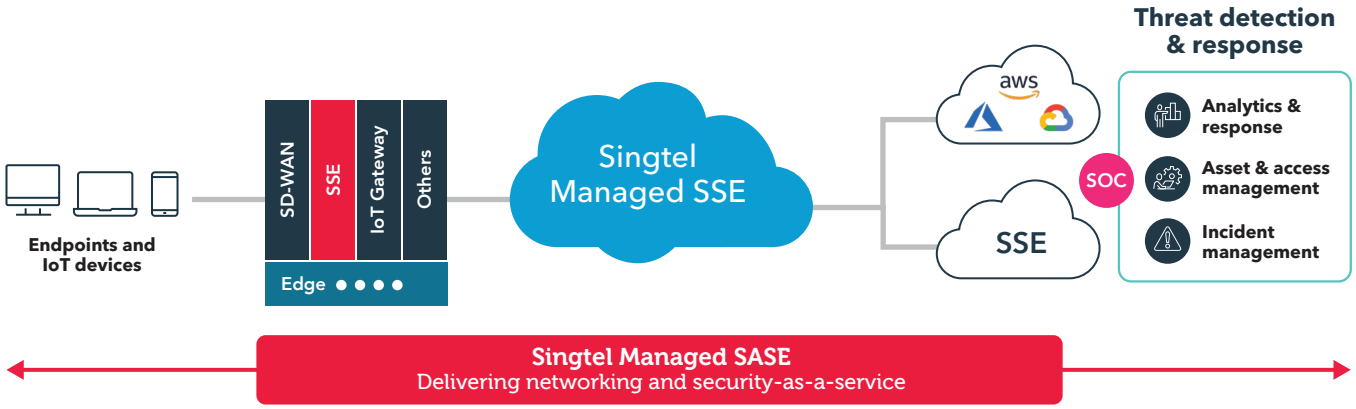
The growing adoption of cloud and remote work arrangements has put more users, devices and resources outside the enterprise's network perimeter. Securing the modern-day enterprise involves implementing a zero-trust model to govern access control and monitoring, browser and cloud services security, and data protection. However, this requires multiple point solutions from different vendors, making the networking and security environment more complex and difficult to manage.

Singtel addresses this by integrating multiple security capabilities into a single cloud-native solution, with a managed services overlay to simplify security for the enterprise.

Singtel Managed Secure Service Edge

Singtel Managed Secure Service Edge (SSE) is a managed security service that provides Zero Trust Network Access (ZTNA), Secure Web Gateway (SWG), Cloud Access Security Broker (CASB), Firewall as a Service (FWaaS), Sandboxing and Data Loss Prevention capabilities from leading SSE vendors and unifies them onto a single platform.

Enterprises can buy SSE services to address their requirements for secure Internet access, secure private access or IoT security and have them provisioned through a single portal. This enhances visibility and simplifies management and monitoring while ensuring secure connectivity for a hybrid workforce and cloud-centric workloads based on the principles of zero trust.



Features

The Singtel Managed Secure Service Edge comprises the Secure Service Edge with its different components, and a Managed Security Services overlay.

Secure Service Edge

Zero Trust Network Access (ZTNA)

- Secures access to enterprise applications and services based on user identity and their roles in the organisation.

Secure Web Gateway (SWG)

- Filters online hazards such as malware from web/Internet traffic and enforces policy compliance according to corporate guidelines.

Cloud Access Security Broker (CASB)

- Enforces security policies by locating and tracking data across various cloud environments, on-premises data centres and mobile access points.

Firewall-as-a-Service (FWaaS)

- Provides next-generation firewall capabilities by serving as a single, scalable firewall with unified security policies across globally distributed branches and users.

Sandboxing

- Blocks zero-day exploits by providing an isolated environment to analyse unknown files for malicious behaviour.

Data Loss Prevention

- Detects and prevents potential breaches/exfiltration of sensitive data in use, in motion and at rest across the web, cloud, private access and endpoints.

Managed Security Services

Unified digital platform (CUBΣ)

- Single, consistent 360-degree view across different best-in-class network and cyber security solutions for effective threat monitoring.

Seamless service orchestration

- Streamlined provisioning of end-to-end services from virtual network functions to security sevices.

Managed threat detection

- Continuous real-time threat monitoring to detect security exploits such as MITRE attack, carry out event triage and prioritise threat alerts and response.
- Provides reports on threat activities by severity, region, category and risk level as well as monthly statistics on security incidents.

24/7 support

- Full 24/7 technical support with change management, user account management and policy management services, troubleshooting, guidance and fault escalation.

Consulting and professional services

- Professional services for integrating SSE into the enterprise's existing IT environment and fine-tuning of policies to optimise security services for greater accuracy.

Benefits

Use case: Secure Internet Access

- Secures Internet access for remote users and branch locations with enterprise-grade FWaaS, intrusion prevention, web filtering, and SWG with deep SSL inspection capabilities.
- Provides a unified view of the different cyber security solutions as well as threat alerts and profiles, delivered via a single dashboard.
- Eliminates the complexity of managing multiple point solutions from different vendors.
- Prioritises threat alerts for effective response.

Use case: Secure Private Access

- Applies the zero trust security model to grant granular access to applications based on user identity.
- Allows enterprises to move away from the constraints of traditional VPN solutions.
- Enhances the user experience for the remote/hybrid workforce by eliminating the need to route remote, cloud or web-destined traffic through the enterprise network firewall.
- Provides insights to strengthen the enterprise's security posture.

Use case: IoT security

- Protects IoT environments with 360-degree risk posture management.
- 24x7 monitoring of IoT assets with visibility and verification of connected devices to protect IoT systems against cloud and web attacks.
- Applies security policies consistently across all cloud platforms and services, allowing enterprises to move workloads confidently to new cloud-based business models.
- Ensures continuous real-time threat monitoring and response.

Why Singtel?

Vendor-agnostic

- Recommends the most effective SSE solution based on the enterprise's security needs.
- Seamless procurement, provisioning and security monitoring regardless of the solution deployed.

Unified experience

- Single dashboard provides unified view of secure Internet access, secure private access, and IoT security across different vendor solutions.
- Customers can tailor SSE services to fit their environment and dive into detailed insights on each use case, including bandwidth utilisation, unique users, SaaS application activity, and IoT device summaries.

Strong integration capabilities

- Brings together managed SSE and managed SD-WAN under a single plane of glass.
- Unified solution simplifies management and improves operational efficiency.

Comprehensive portfolio of security services

- Accredited managed security service provider with an extensive service portfolio.
- Complementary services include security consultancy, testing and cyber security education.

Access to specialised skills

- Provides access to security specialists and experts from Singtel's Security Operations Centres.
- Delivers continuous security monitoring and threat mitigation to identify and block threats.

Singtel Managed Secure Service Edge is part of the **Singtel CUBΣ portfolio**.

About Singtel

Singtel is a leading Asian communications technology group, operating next-generation connectivity, digital infrastructure and digital businesses including regional data centre arm Nxera and regional IT services arm NCS. The Group has presence in Asia, Australia and Africa and reaches over 780 million mobile customers in 21 countries.

For consumers, Singtel delivers a complete and integrated suite of services, including mobile, broadband and TV. For enterprises, Singtel offers a complementary array of workforce mobility solutions, data hosting, cloud, network infrastructure, analytics and cyber security capabilities.

Singtel is dedicated to continuous innovation, harnessing technology to create new and exciting customer experiences, support enterprises in their digital transformation and shape a more sustainable, digital future.

For more information, visit **www.singtel.com**.

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