Product Brochure

Singtel SD-WAN

Singtel SD-WAN powers your network with better agility and performance

Singtel Software-Defined Wide Area Network (SD-WAN) simplifies your enterprise WAN management and adds agility, security and visibility to your network. Deploy new sites quickly and make changes to your WAN in real-time to meet changing business needs

Singtel SD-WAN

Enterprise challenges

Digitalisation and the accelerated use of SaaS-based applications have led to a surge in demand for quality bandwidth. Many network teams are grappling with such challenges while trying to keep their costs under control.

Enterprises today are adopting cloud services to varying extents as they embark on digital transformation. Hybrid environments are commonplace, where on-premises and cloud resources must be managed concurrently. In enterprises where cloud adoption is high, a multi-cloud strategy is often inevitable to avoid over-reliance on a single provider. Despite various benefits of cloud adoption, there are still many challenges around workload optimisation, scalability, availability, and disparate management tools.

The economy's shift to hybrid and remote work has also created significant opportunities for cybercriminals. Cybersecurity becomes a greater concern when data and applications are hosted both on-premises and on multiple clouds. How does an enterprise then effectively enforce a common policy across different platforms?

To stay resilient in a fast-moving industry, enterprises need to find ways to modernise their infrastructure. The network infrastructure needs greater flexibility, unified visibility, automation, orchestration, and analytics simultaneously. Such agility allows a digital enterprise to quickly push out new services to cater to customers' and stakeholders' needs.

Singtel SD-WAN

Seamlessly integrate Singtel SD-WAN into your infrastructure for an agile, flexible network that offers improved application performance and visibility. Everything is centrally managed, allowing your enterprise to quickly and easily respond to ever-changing business needs.

Singtel SD-WAN offers integrated security services and rich networking so you can control, access, and change all your settings from one place and stay one step ahead of cyber threats.

With faster times to market and all your business-critical demands addressed, Singtel SD-WAN puts you at the forefront of modern, digital technology, guaranteeing faster, stress-free deployments in new offices and branches.

Features

Centralised management portal
Real-time visibility into network performance, bandwidth usage and insights into application health. React faster and make optimal business decisions with minimal manual intervention.

Improve applications performance
Simplified policy and rule-based system for determining the best path for each application's traffic based on its unique requirements and evolving network conditions. Automates prioritisation of business-critical applications and routing, ensuring optimal end-user experience.

Extend managed WAN into the cloud
Deliver predictable performance across public clouds by prioritising paths across the multi-cloud whilst retaining unified visibility for both WAN and the cloud.
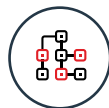
Multi-path intelligence
Intelligently steers traffic based on user-defined business policies and prioritises business-critical traffic and real-time services by selecting the most optimal route. Seamlessly connect to cloud and SaaS providers, ensuring high availability and low latency.

Features (continued)

uCPE and zero-touch provisioning
Vendor-agnostic uCPE options with Singtel Virtual Network Functions as a Service (VNFaaS) reduce repeated truck rolls and the need to maintain multiple devices onsite.

Integrated security and Secure Access Service Edge (SASE)
Securely connects users, systems, application endpoints and services anywhere. Consolidates networking and security functions into a single secure integrated cloud service.

Cyber security capabilities - enhanced log data collection & analysis and automated security alert handling - enable swift cyber threat detection, diagnosis and resolution.

Bring-your-own virtual network functions (BYO-VNF)
Supports certified third-party VNFs and enables virtual provisioning and management as a software component within the uCPE.

Automatic failover
Continuously monitors current network conditions and orchestrates on-demand remediation if connection quality drops below an acceptable threshold, thus avoiding the need to manage service disruptions.

Load balancing
Enables load balancing across multiple links by identifying and efficiently placing different data streams to avoid congestion, thus maximising available network bandwidth for critical applications.

SD-WAN gateway
Bridge physical and virtual networks to reduce latency and packet loss across the WAN network for the best performance and most predictable outcomes.

Why Singtel?

One-stop service provider
We deliver convenient and comprehensive consultancy and professional service for optimal network deployment. Focus on what matters - driving growth in your business.

Strong pool of ICT expertise
Singtel's connectivity and hybrid network offerings are backed by ICT professionals who can help design, deploy and manage a cost-effective and reliable networking solution. Whether it's configuring network policies or business rules, our professionals are always there to help.

Peace of mind
SLA-guaranteed network performance backed by a dedicated business-grade network ensures that mission-critical networks are always on. Our SOC & NOC analyse your network on a 24/7 basis, allowing you to stay ahead of threats, detect faults faster and respond rapidly to incidents.

One size never fits all
Our partnerships with top SD-WAN providers like Cisco, Fortinet and Aruba Networks deliver solutions tailored to your specific requirements for the markets and customers you serve.

About Singtel

Singtel is Asia's leading communications technology group, providing a portfolio of services from next-generation communication, 5G and technology services to infotainment to both consumers and businesses. The Group has presence in Asia, Australia and Africa and reaches over 740 million mobile customers in 21 countries. Its infrastructure and technology services for businesses span 21 countries, with more than 428 direct points of presence in 362 cities.

For consumers, Singtel delivers a complete and integrated suite of services, including mobile, broadband and TV. For businesses, 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 next-generation technologies to create new and exciting customer experiences as it shapes a more sustainable, digital future.

For more information, visit **www.singtel.com**
Follow us on LinkedIn at **www.linkedin.com/showcase/singtelenterprisesolutions**

Awards

Frost & Sullivan Best Practice Awards 2021
2021 Asia-Pacific Managed SD-WAN Customer Value Leadership Award

Frost & Sullivan Best Practice Awards
2018-2021 Singapore Managed Security Services Company of the Year Award

Frost & Sullivan Best Practice Awards
2018-2020 Southeast Asia Managed Security Service Provider of the Year

IDC MarketScape: Asia Pacific Next-Gen Telcos: Telecom Services 2021 Vendor Assessment
Leaders Position (Singtel)

IDC MarketScape: Asia/Pacific Communications SP SD-WAN Managed Services 2020 Vendor Assessment
Leaders Position (Singtel)

Asia Communication Awards 2020
Best Enterprise Business Service (Operator) –
Singtel Software-Defined Network

Telecom World Awards 2020
Best Enterprise Service – Singtel Software-Defined Network

Carrier Community Global Awards 2020
Best WAN Solution Provider

For more information   Contact Us   www.singtel.com/sd-wan