Simpler, more scalable, and secure networking for multi-site connectivity.

Migration of business applications to the cloud, proliferation of mobile devices, and the Internet-of-Things are driving greater usage of Internet services at branch offices. However, supporting multiple branch operations on traditional networks require multiple network devices and complex IT support, as well as specialised skilled personnel—all of which will incur high costs.

But there's a better way with Singtel Software-Defined LAN. Businesses can now utilise a faster and more cost-effective way to support the use of Internet services and applications across their branches from one centralised platform.

Singtel

Transforming Traditional Local Area Network Architecture to Software-Defined LAN

Software-Defined LAN (SD LAN) is a new approach to network connectivity that lowers operational costs and improves IT usage for multi-site deployments. It enables network administrators to allocate bandwidth more efficiently and ensure the highest possible level of performance for critical applications without compromising on security or data privacy.

SD LAN represents a simpler, more scalable, and secure approach to LAN networking. All branches can be connected over Internet links secured by VPN. The MPLS-like reliability is enabled through multiple uplinks with load balancing capabilities, intelligent path control, and automatic failover for reliable and secure connections.

What's more, with SD LAN, businesses can streamline network equipment at space-conscious branch outlets, facilitate rapid deployment for new branches, and ensure full scalability for additional capabilities.

The Singtel SD LAN Advantage

Singtel SD LAN offers businesses a centralised platform, connecting distributed sites from one dashboard. Discover all the key operational advantages you get with Singtel SD LAN:

Manage your multi-sites network from anywhere, at any time
Deliver light-touch provisioning of LAN and security services to all branches/outlets from one centralised cloud-based dashboard. Optimise network traffic and routing, manage multiple uplinks with load balancing capabilities, intelligent path control, and automatic failover.

Achieve more simplicity and savings
Singtel SD Lan simplifies network management for lower operational costs, paving the way for more profitability per outlet. This means you can now eliminate the need to have multiple vendors and various on-premise equipment for streamlined management and cost efficiency.

Ensure security with SD LAN
With the rise of online threats, cyber security management is high on the agenda for all businesses. Singtel SD LAN offers businesses a unified threat management advantage. Network configurations and policies for multiple branches can now be quickly implemented from one centralised platform for more responsive security management.

Reduce your equipment footprint
Scale with the gateway device that comes integrated with unified threat management features, WiFi and optional 3G/4G failover, eliminating multiple on-premise equipment.

INTEGRATED SECURITY GATEWAY

| FIREWALL | VPN | ANTI VIRUS | INTRUSION PREVENTION | WEB/CONTENT FILTERING |

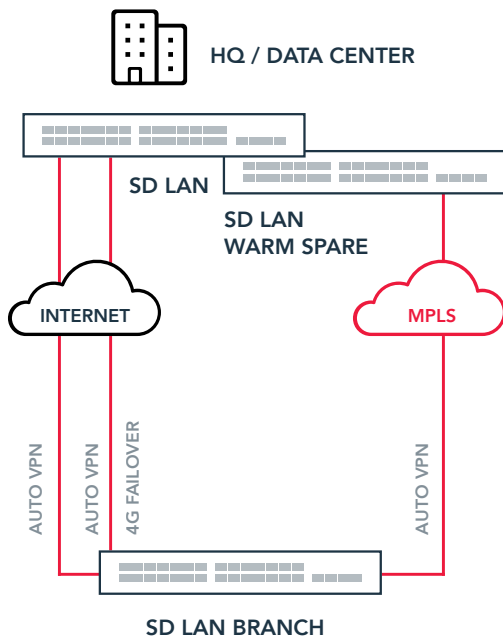*Enterprise License Options

*Advance Security License Options
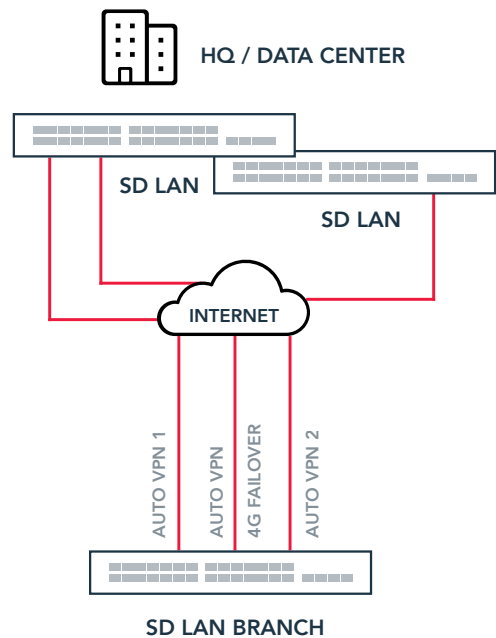
Scale with a hybrid network

Depending on the scale of your operations, Singtel SD LAN enables you to have the flexibility to deploy a hybrid network. For example, for critical operation with existing MPLS network, it can be supplemented with broadband Internet link for increased bandwidth. Non-critical traffic can be offloaded from MPLS to low-cost Internet broadband, with policy-based routing and dynamic path selection. Implementing dual business broadband is another possible hybrid network deployment for large operations, where a high-speed internet broadband can be supplemented with a secondary low-speed broadband plan.

For small branch operations, whether it is utilising WiFi for tracking inventory across your outlets in real time, point-of-sale applications or processing sales, Singtel SD LAN comes with 3G/4G failover which enables your business to avoid disruption to Internet services and applications.

Hybrid network-MPLS supplemented by Internet link

HQ / DATA CENTER

SD LAN

SD LAN
WARM SPARE

INTERNET

MPLS

AUTO VPN

AUTO VPN

4G FAILOVER

AUTO VPN

SD LAN BRANCH

Hybrid network-Dual Internet broadband

HQ / DATA CENTER

SD LAN

SD LAN

INTERNET

AUTO VPN 1

AUTO VPN

4G FAILOVER

AUTO VPN 2

SD LAN BRANCH

Gain network insights

Get concise insights into network performance with the intuitive dashboard that allows you to filter based on various rules such as top user, top application, amount of traffic generated and traffic flow on each site.

Delight your customers with Free WiFi

Boost your business by offering free WiFi for your customers. Drive loyalty programs, and memberships through the captive portal.

State-of-the-art video surveillance and analytics

Singtel SD LAN offers comprehensive and holistic managed local area network services which ensure full interoperability with add-ons you require as you scale your operations.

Add-on video surveillance with analytics to transform data into insights for better customer engagement experience. Simply plug and deploy the video surveillance cameras onto your SD-LAN deployment. Our surveillance camera comes with built-in storage and analytics, freeing you from the hassle of deploying additional network video recorders or servers.

Storing videos on the edge also translates to lesser bandwidth consumption and avoids jamming network bandwidth. Videos can be viewed through a cloud-based dashboard, by streaming on-demand from a local or remote network. Portable remote monitoring is also possible through smart phone applications. On-board analytics such as the motion heat map provides you with venue-based insights without the need for customer's login onto guest WiFi.

SCENE BEING RECORDED

LOCAL VIDEO ACCESS | ON-DEVICE STORAGE | CLOUD | REMOTE VIDEO ACCESS
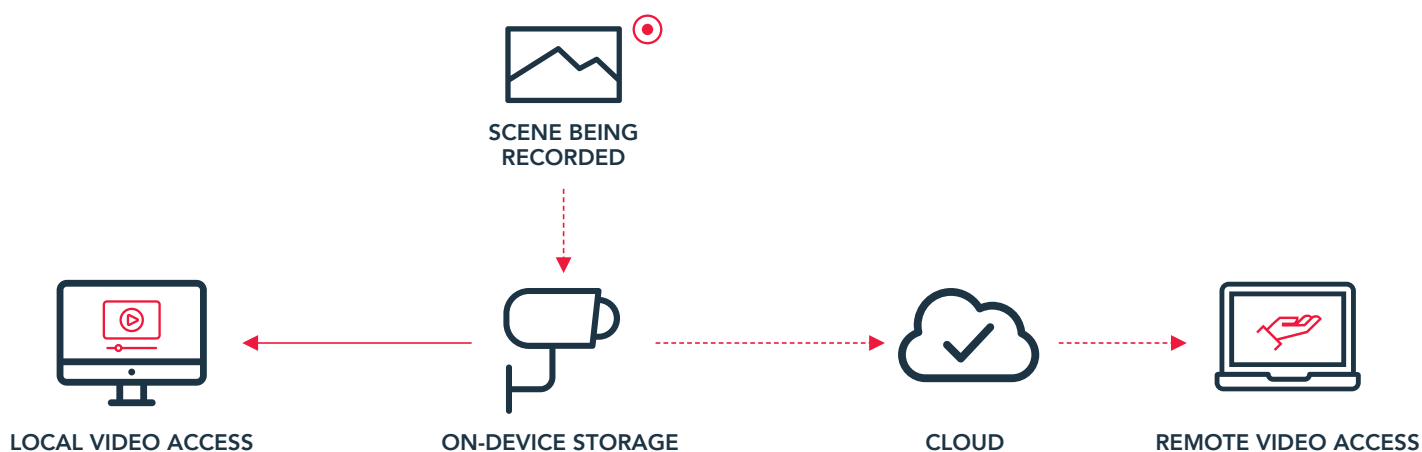
Get Singtel's Suite of Data Connectivity Solutions for Multi-Site Operations

- SingNet eVolve Internet Access gives your business a boost with affordable bandwidth and ultra-high-speed connectivity. It is recommended for businesses with basic uses such as email, web surfing and other online activities.

- SingNet eLite Internet Access with Static IP is built on a next-generation fibre optics network using the state-of-the-art GPON (Gigabit Passive Optical Network) technology. For your business, this means speed-of-light uploads, downloads, and access to the cloud. It offers fibre broadband for high-speed symmetrical upstream and downstream Internet access, and enables businesses to host basic application systems and servers.

- Singtel Meg@POP is designed for businesses with multi-site operations. It leverages on MPLS (Multi-Protocol Label Switching) technology, which bypasses the Internet to enable private networking, providing a more secured network as compared to Internet VPN, and therefore reduces exposure to cyber threats.

Begin your journey to a cloud-enabled network with Singtel's Software-Defined LAN

FROM
$150 per month

comes with an **SD LAN** device with integrated WiFi, unified threat management features, and optional **3G/4G failover**

To help you achieve:

- Optimised costs by eliminating multiple on-premise equipment
- Unprecedented simplicity and operational efficiencies
- Agile deployment of your multi-site operations
- Enhanced insights to your cloud network

T&C:
Price includes GST and is based on a minimum contract term of 24 months per Access Point.
Additional wireless Access point is available at $64/mth.

Enterprise license includes Stateful firewall, VLAN to VLAN routing, Link bonding/ Failover, Traffic Shaping / Prioritisation, Site-to-Site VPN, Client VPN, MPLS to VPN Failover, Configuration templates, http content caching, Group Policies, Client Connectivity Alerts, and SD-WAN.

Top up $85/mth for Advanced Security license that includes all features found in Enterprise License plus Geography based Firewall rules, Intrusion Detection / Prevention, Content filtering, Anti-virus, Web Search Filtering, and Anti-malware.

Complete your Software-Defined Network with Intelligent Video Surveillance

FROM
$80 per camera / month*

comes with surveillance camera, storage & analytics in-device

To help you achieve:

- Simplicity in deployment with no network video recorder or server
- Less bandwidth consumption, videos are stored on-board camera
- Better customer engagement experience with insights
- Cloud-management with video dashboard and smartphone apps, monitors from anywhere, anytime

T&C:
Price includes GST and is based on a minimum contract term of 24 months.
*Price may vary depending on the camera model selected.

About Singtel

Singtel is Asia's leading communications technology group, providing a portfolio of services from next-generation communication, technology services to infotainment to both consumers and businesses. 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. The Group has presence in Asia, Australia and Africa and reaches 670 million mobile customers in 22 countries. Its infrastructure and technology services for businesses span 21 countries, with more than 428 direct points of presence in 362 cities.

Awards

Computerworld Hong Kong Awards (2015-2017)
Global WAN Connectivity Service Provider of the Year

NetworkWorld Asia Readers' Choice
Pdt Excellence Awards (2012-2017)
Managed Infrastructure Services

Telco Cloud Forum Awards (2017)
Best Telco Cloud SDN/NFV Project

Telecom Asia Awards (2017)
Best Managed Services Provider

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