



Product Brochure

Singtel Technology & Services

# Transitioning smoothly to an agile and scalable next-gen enterprise LAN

To overcome the constraints of legacy LANs that hinder business agility, Singtel Technology & Services offers a complete hardware, software and services solution to help enterprises to move traditional on-premises hardware-based networks to the cloud and smoothen the transition to a next-generation enterprise-class software-defined LAN.

# Singtel Technology & Services

## Enterprise challenges

The traditional network environment is characterised by multiple hardware stacks at different sites with distributed control over different devices. This makes the network difficult to manage and scale, and creates performance bottlenecks. Many enterprises are also grappling with rigid licensing agreements and end-of-life timelines for legacy equipment.

All this is hampering business agility and progress at a time when user expectations are changing with regards to connectivity and access to corporate applications and services, and the enterprise technology landscape is evolving with increased digitalisation.

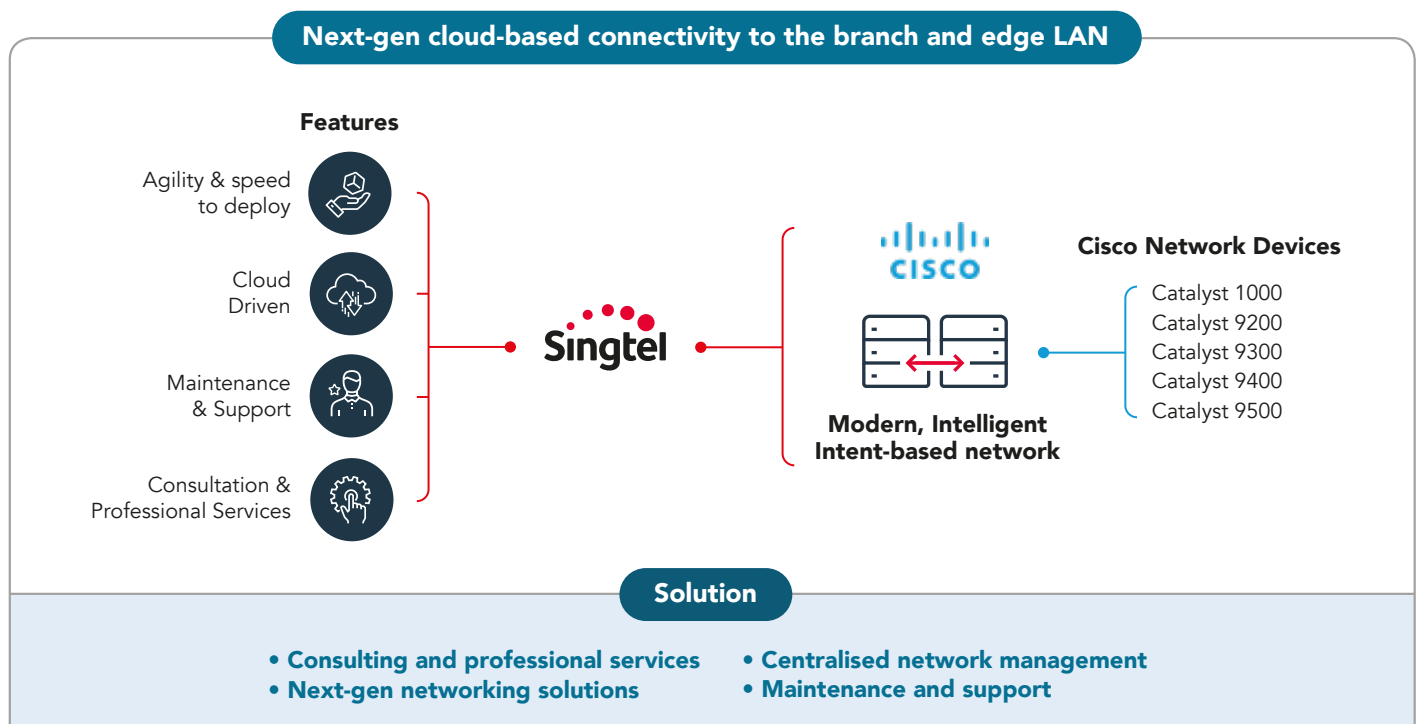
In response to these developments, enterprises are starting to shift away from traditional networks and adopt cloud IP-based connectivity for agility and scalability.

## Singtel Technology & Services

Singtel Technology & Services offers a complete hardware, software and services solution aimed at helping enterprises to migrate their traditional on-premises hardware-based network to the cloud and smoothen the transition to a next-generation enterprise-class LAN solution.

It comprises:

- Consulting and professional services to design and implement a cloud IP-based network for the enterprise
- Next-gen networking solutions based on Cisco Catalyst switches and Digital Network Architecture software
- Centralised network management to provide complete visibility into the enterprise LAN
- Maintenance and support



## Features



### Rapid and agile deployment

- Rapid deployment to cloud using best practices to ensure speed and consistency
- Agile connectivity that can be provisioned on-demand from a centralised management console



### Cloud-driven

- Network equipment capabilities and resources can be managed over the cloud
- Provides consistent and secure connectivity to hybrid and multi-cloud environments



### Maintenance and support

- 24/7 technical support including on-site, remote and help desk
- Centralised web-based/app-based management of a wide array of end points



### Consultation and professional services

- Design and implementation of next-gen cloud-based IP network to improve efficiency and reliability
- Enables centralised network management and policy implementation
- Ensures network functions can be orchestrated with onsite and cloud-based controllers
- Network architected with built-in security features and complete visibility into user activity, devices, things, and traffic to enforce zero-trust security



### Next-gen networking equipment

- Cisco Catalyst switches to create an intelligent, intent-based network
- Cisco Digital Network Architecture software

## Benefits



### Convenience of one-stop service

- Single point of contact for solution consultation, design and deployment, hardware provisioning, network monitoring, and equipment and software maintenance



### Simplified management

- Centralised dashboard for simplified provisioning, management and control over network resources
- Web-based user interface for smart equipment management and operations



### Greater agility and scalability

- Easy to provision and scale with software-based LAN implementation



### Access to intelligent insights

- Equipment health dashboard provides insights for operations and planning



### Lower IT costs

- Power over Ethernet switches eliminate the need for additional cabling and installation costs
- Modular switch with mix of 1G and 10G capabilities enables savings in cabling run costs when connecting to core switch



### Improved security and resilience

- Enhanced visibility over users, devices, networks and workloads
- Role-based segmentation to reduce the attack surface
- Network architected with secure access, routing and Layer 2/3 switching for enhanced security

## Why Singtel



### **Trusted partner with the right skillsets and people**

- Highly-skilled and certified experts with multi-disciplinary experience in networking and cloud solution architecture, consultation, project management and SysOps administration
- Capability to provide businesses with end-to-end support in their networking strategy from planning and migration to operations and management



### **One-stop service provider**

- Convenient and comprehensive support backed by a dedicated 24x7 global helpdesk service



### **Strong track record**

- Solid experience in migrating/deploying next-gen networking solutions to enterprise and public sector customers
- Track record includes the deployment of Singapore government cloud and other large-scale enterprise projects

# 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](http://www.singtel.com)

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# About Cisco

Cisco Systems Inc. is one of the world leaders in networking for the Internet. The company was founded in 1984 by two computer scientists from Stanford University seeking an easier way to connect different types of computer systems.

Cisco Systems shipped its first product in 1986 and is now a multi-national corporation, with over 35,000 employees in more than 115 countries. Today, Cisco solutions are the networking foundations for service providers, small to medium business and enterprise customers which includes corporations, government agencies, utilities and educational institutions.

Cisco's networking solutions connect people, computing devices and computer networks, allowing people to access or transfer information without regard to differences in time, place or type of computer system.

As the leading IT company in the world, Cisco seeks to shape the future of the Internet by creating unprecedented value and opportunity for its customers, employees, investors, and ecosystem partners and changing the way we all work, live, play, and learn. No other single company is more involved than Cisco in making the Internet work for people. Cisco contributes a key element in the underlying infrastructure of the Internet; provides the broadest range of solutions for connecting to the Internet; and offers tools so companies can efficiently manage their Internet sites.

For more information, visit [www.cisco.com](http://www.cisco.com)