

A large, glowing blue microchip is the central focus of the image. On its surface is a white, glowing outline of a cloud. The chip is set against a dark background with intricate, glowing blue circuit patterns and small light points, suggesting a high-tech, digital environment.

Product Brochure

Singtel Network-as-a-Service (NaaS)

Delivering networking and
security functions in a cloud-like
model for greater business agility

Discover the power of Singtel Network-as-a-Service (NaaS) – your gateway to effortless connectivity from the edge to the cloud. Unleash critical network and security functionalities delivered as a service for simplified on-demand consumption. Experience centralised visibility and cutting-edge analytics, all accessible through a single portal.

Singtel Network-as-a-Service (NaaS)

Enterprise communication challenges

A cloud-centric digital infrastructure offers businesses the flexibility and scalability required for efficient and successful operations. According to IDC's Worldwide Future of Digital Infrastructure research¹, 80% of decision makers globally acknowledge the critical role that digital infrastructure plays in achieving their business objectives.

However, transitioning from a physical to a digital infrastructure is a complex journey. A digital infrastructure must be designed for scalability, accommodating business expansion, new applications and the adoption of hybrid work models. At the same time, businesses grapple with skills shortages and must ensure the security of their digital infrastructure against cyberattacks, data breaches, and other threats.

The deployment of Network-as-a-Service (NaaS) is crucial for a successful digital infrastructure. Its consumption-based model provides businesses with the flexibility and agility necessary to support hybrid work models and overcome IT skills shortages.

Singtel Network-as-a-Service

Singtel Network-as-a-Service revolutionises the way business deliver and consume network and security functions. Building upon Singtel Liquid-X™, Singtel NaaS virtualises critical network and security functionalities as a service, offering a streamlined, on-demand model for deploying and managing networks. Enhanced by service lifecycle management on a unified platform, it delivers data-driven insights to enhance network availability and improve the end-user experience. Additionally, it utilises AI and predictive analytics to automate network operations and incident management.

Features



Cloud-centric on-demand model

- Rapid software-based deployment
- Ability to spin up virtual network and security functions when needed
- Flexible usage-based pricing



Unified dashboard

- Unified platform for network management via a single plane of glass
- Advanced analytics for real-time insights into network performance
- Self-service tools to order, change, and monitor service level agreements



Centralised network lifecycle management

- End-to-end lifecycle management from network design to operations and optimisation
- Advanced telemetry and predictive analytics for proactive monitoring and support
- Automation and AI tools to create repeatable workflows and automated remedial actions

¹ IDC, Worldwide Future of Digital Infrastructure 2023 Predictions

Use cases

Objective	Challenges	How NaaS helps
Support a fast-growing distributed workforce	• Difficult to provision and manage remote access and to optimise network performance • Need to ensure that security is not compromised	• Rapid on-demand provisioning • Resources can be scaled efficiently for secure and optimal network performance
Enable hybrid and multi-cloud connectivity	• Multiple cloud environments require different types of connectivity • Expensive and challenging to manage data exchange between on-premises and cloud environments	• Provides a unified platform to connect to multiple cloud providers and data centres • Reduces costs and simplifies network management
Support IoT and edge computing initiatives	• Difficult to manage complex, distributed IoT devices using traditional network approaches • Need to enable real-time data processing and analytics at the edge	• Enables businesses to easily and securely connect and manage IoT devices across a distributed network
Streamline branch office connectivity	• Complex, distributed IT infrastructure across multiple branch offices • Time-consuming and expensive to manage	• Provides a centralised platform for creating and managing remote branch offices • Helps reduce costs and increase efficiency
Secure the network infrastructure	• Traditional network security approaches are unable to handle the scale and evolving complexity of modern threats	• Delivers security services in an easy-to-consume and flexible model • Leverages the latest security technologies and best practices

Benefits



Increases business agility

- Allows the network to be customised or scaled easily and securely
- Reduces time-to-market for new products and services



Simplifies network management

- Simplifies network management across multiple vendors and environments
- Improves network performance with single source of accountability



Accelerates incident response and resolution

- Reduces reliance on human intervention with automation
- Speeds up fault detection, isolation and service restoration
- Minimises loss of productivity due to downtime



Helps optimise costs

- Eliminates the need for upfront investment
- Allows businesses to pay only for the network services they consume
- Reduces operating costs with better visibility into resource utilisation

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 760 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 technology to create new and exciting customer experiences and shape a more sustainable, digital future.

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