

Unlock new, 5G-powered opportunities with network slicing

Network slicing enhances large-scale events by providing attendees with fast, reliable connections, even in device-dense environments.

30 use case trials

Singtel conducted 30 5G trials across industries like construction, homeland security, and tourism to test network slicing applications.¹

Network slicing at the Singapore Grand Prix

Singtel and Ericsson collaborated to deploy a new feature of network slicing. The Automated Radio Resource Partitioning (ARRP) dynamically allocates network resources to deliver fast connectivity on a crowded network. Subscribers could livestream the race and share it on social media in a highly congested network environment.

5G+ Racing ahead with Singtel 5G+

Even in the midst of a crowded environment, subscribers were able to enjoy fast, stable connectivity through Singtel's 5G Express Pass.²



1st in the world

The new 5G network capability is the first to be commercially deployed.



Security at the National Day Parade

Singtel implemented Priority-Admission Control at this densely packed event to make sure critical response personnel, such as public safety and crowd control officers, had a network connection at all times.



New Year's Eve in Singapore is shared across the globe

At the New Year's Eve countdown event, network slicing was deployed to enhance the attendees' experience. With a guaranteed minimum network speed, attendees were able to share videos and photos of the event, even during a high-demand network period.

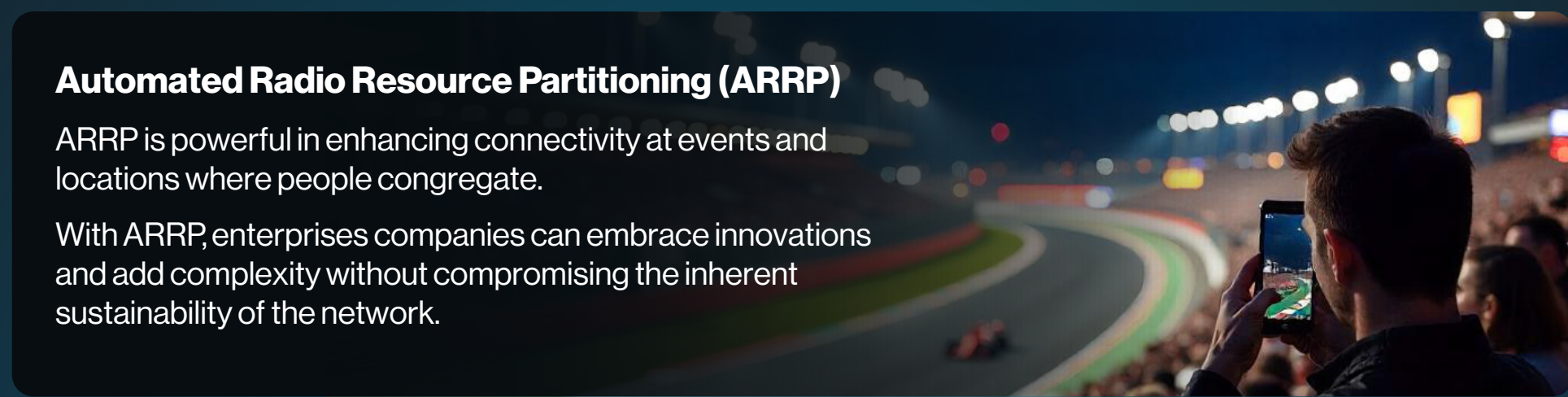


Network slicing powered by Singtel 5G+

5G cell sites use only 15% of the energy of a 4G cell site to transmit the same amount of data.³

What's next for network slicing?

Network slicing is an emerging technology with only a handful of organisations like the Singapore Grand Prix deploying at scale. There is growing potential for more industries and use cases:



Automated Radio Resource Partitioning (ARRP)

ARRP is powerful in enhancing connectivity at events and locations where people congregate.

With ARRP, enterprises can embrace innovations and add complexity without compromising the inherent sustainability of the network.



User Equipment Route Selection Policy (URSP)

URSP enables enterprises to prioritise connectivity resources for apps and specific users, even in extremely demanding network conditions that may result in congestion. It also ensures business continuity for mission-critical applications like disaster recovery and incident response.

Partnering with Samsung Electronics Singapore, URSP is integrated into Knox Manage, Samsung's Mobile Device Management (MDM) platform, making it fully compatible with the latest smartphones, paving the way for widespread commercial adoption of the technology.

Control your network, and harness 5G network slicing to deliver next-level experiences.

Contact us

References

¹ Singtel first globally to unveil new network slicing features to help enterprises prioritise connectivity resources, 2024

² Ericsson, Singtel and Ericsson first globally to commercially deploy new 5G technology for dynamic network resource allocation

³ Singtel, 5G: helping companies thrive sustainably, 2024