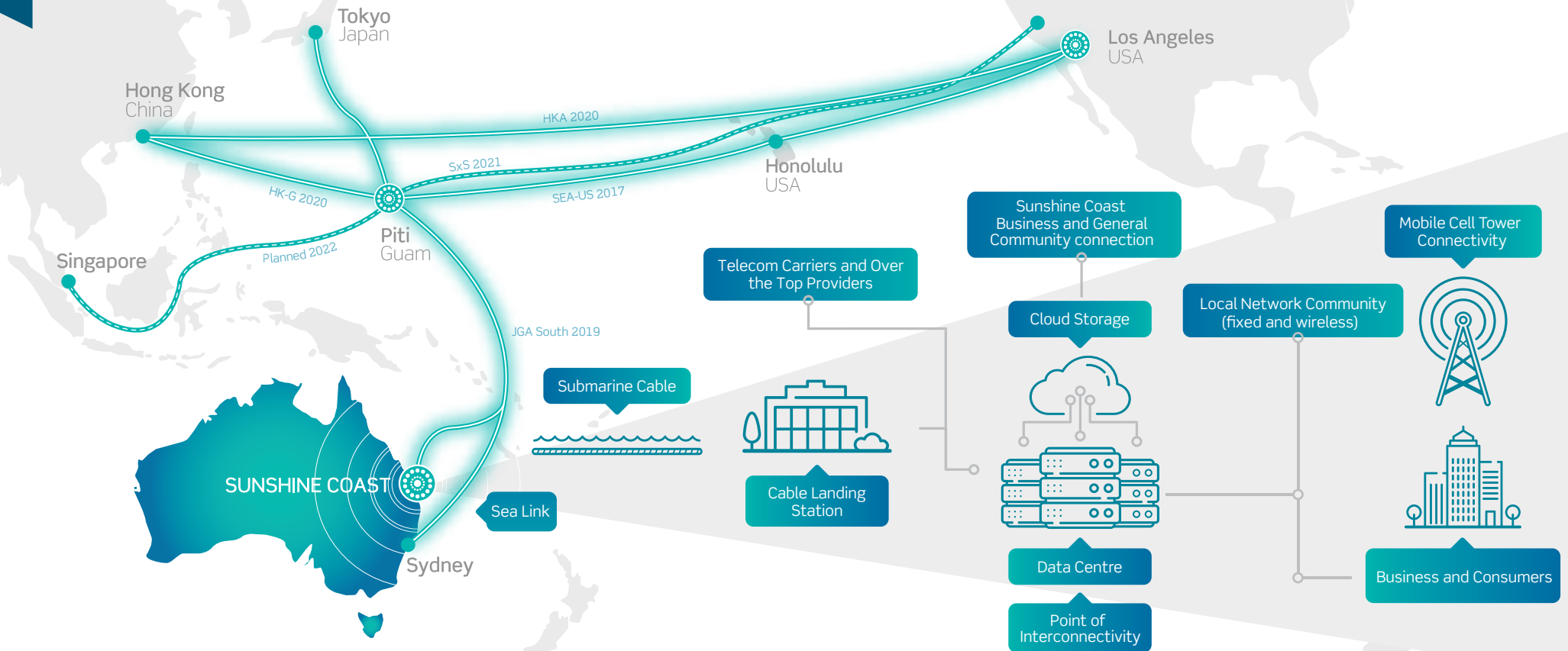


Sunshine Coast International Broadband Network (SCIBN)

From 2020 the Sunshine Coast will deliver the fastest data and telecommunications connection to Asia from Australia's east-coast and second fastest to the USA, through an undersea fibre optic cable that will link to Guam, Hong Kong, Tokyo and Los Angeles. Importantly, the cable will connect to a new data centre in Maroochydore, which will serve as cloud storage facility, enabling backhaul data services to Brisbane and Sydney allowing businesses to transmit data either by sea or land or both for additional risk management.



01. What's an international submarine cable?

A submarine cable uses fibre-optic technology to carry telecommunications signals and data across the world. When you use your mobile phone to call or connect to the world, your signal is carried to a local mobile/cell tower but from there it is carried via terrestrial and submarine (subsea) fibre optic cables. In fact, 99% of the world's data criss-crosses the globe via submarine cables.

02. What is a data centre?

A data centre is a facility that centralises community and interconnection for an organisation's IT operations and equipment, network storage, management and dissemination of its data. Data centres provide a high degree of resilience and provide a network's most critical systems and are vital to the continuity of daily operations. Consequentially, the security and reliability of data centres and their information is a top priority for organisations.

03. What does wireless backhaul mean?

Wireless backhaul is the wireless communication and network infrastructure responsible for transporting data from customers or end users to a central network or data centre and vice versa. The Sunshine Coast International Broadband Network will allow companies based in Queensland or elsewhere to utilise the data centre at Maroochydore and the submarine cables for faster data transport which has the potential to deliver costs savings and speed efficiencies, as compared to Sydney.

Sunshine Coast Innovation and Entrepreneurship Ecosystem

