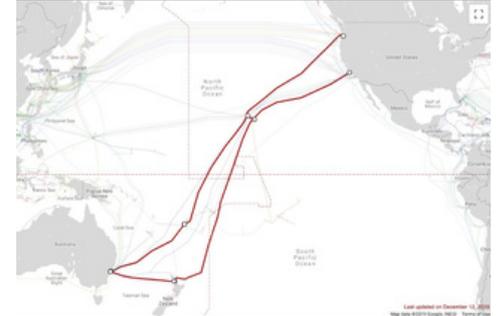
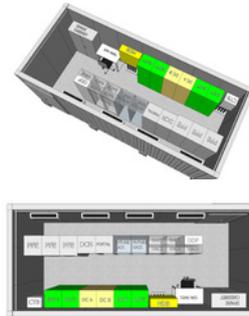


## CLS Provider of Choice for Southern Cross Next



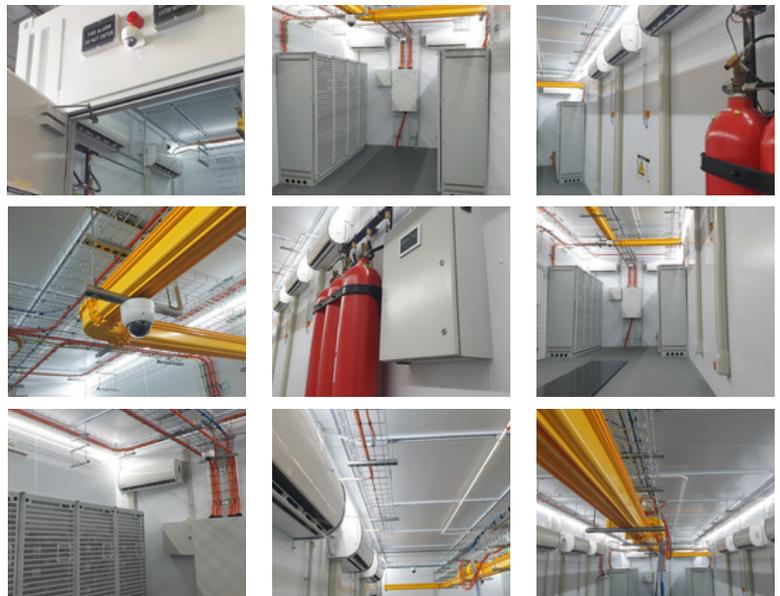
### Background

The Southern Cross Cable Network (SCCN) is a telecommunications network that connects Australia, New Zealand, Fiji, Hawaii and the US mainland. The Southern Cross Next project is a submarine cable system connecting Sydney, Auckland and Los Angeles with branching units linking the Pacific Islands of Fiji, Tokelau and Kiribati. The new route will provide the highest capacity, lowest latency link between Sydney and Los Angeles and expand the critical fibre interconnectivity of the Pacific Island region. The Southern Cross NEXT is an extension of the existing Southern eco-system.



### Objective

The primary objective was to design, build and delivered prefabricated modular cable landing stations with complete Power and Cooling Stations for Southern Cross NEXT.



### Solution Specifications:

- Build to withstand seismic zone 4 and Category 5 cyclones
- 4 to 15 Racks total 8 to 35kW IT load
- 2N fully redundant DC power System with 4hrs battery backup
- N+1 cooling redundancy
- VESDA Detection and Argon gas fire suppression
- Full access control & CCTV security

### Overview

DXN is contracted with SX NEXT to design, engineer, build and deliver four prefabricated cable landing station for the islands of Savusavu-Fiji, Nukunonu-Tokelau, Kiritimati-Kiribati & Apia-Samoa.

Southern Cross owns and operates a Trans-Pacific submarine cable network connecting Australia, New Zealand, Fiji, Hawaii to the internet backbone on the United States West Coast