

The Cook Island Cable Landing Station Provider of Choice

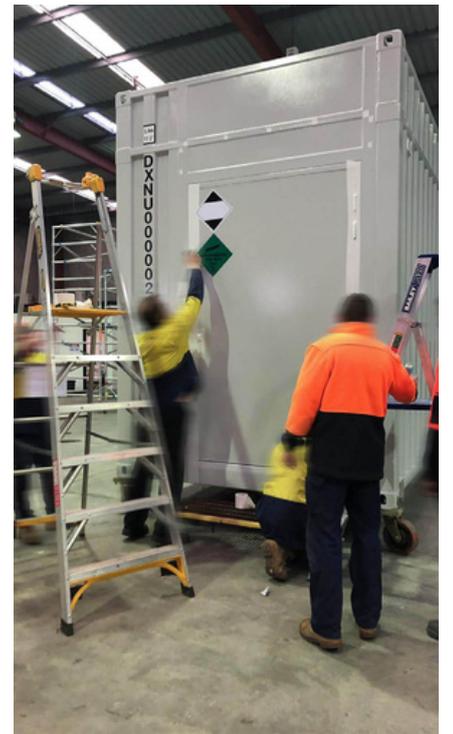


Background

Avaroa Cable Limited (ACL) is a Cook Islands limited liability company and the implementing entity for the Manatua Cable Project. The Manatua Cable fibre optic submarine cable is a 3,600km long two fiber pair system connecting Apia in Samoa, Niue, Rarotonga and Aitutaki, Tahiti and Bora Bora. Avaroa Cable seeking a prefabricated cable landing station for Manatua submarine cable.

Objective

The primary objective was to design, build and delivered a more connected south pacific prefabricated modular cable landing stations with complete Power and Cooling Stations.



Solution Specifications:

- Build to withstand seismic zone 4 and Category 5 cyclones
- 4 to 6 Racks total 8 to 15kW IT load
- 2N fully redundant DC power system with 4hrs battery backup
- N+1 cooling redundancy
- VESDA and Argon gas fire suppression
- Full access control & CCTV security

Overview

DXN is contracted with Avaroa Cables Ltd of Cook Islands to design, engineer, build and deliver two prefabricated cable landing station for the Manatua submarine cable that will be landing in the islands of Rarotonga and Aitutaki.