

Playing Our Part In Delivering a More Connected South Pacific



Background

Telecom Niue Ltd. is a company incorporated in and owned by the Government of Niue. Niue is a small island in the Pacific Ocean and Telecom Niue continues to commit to community and civic responsibilities through sponsorships and projects with innovative solutions to transform the lives of the Niue's people. Telecom Niue is the leading telecommunications service provider in the Niue Island offering mobile, broadband, fixed line and range of other telecommunications technology-based services.

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 Racks total 8kW 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 was contracted by the Government of Niue to design, engineer, build and deliver a prefabricated cable landing station which will be the point of termination for the first submarine cable that will be landing in the pacific island of Niue. The manufactured, transported and installed duration for the project only took 6 months.