CONNECTING TOMORROW, TRANSFORMING AND ADAPTING TELECOM INTO THE DIGITAL AGE

DXN Cable Landing Station - Pacific Updates

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PROJECT OVERVIEW

BSCC PALAU CLS

KEY CALLOUTS FROM PROJECT:

• SPEED

• QUALITY

• CO-ORDINATION WITH CIVILS ON SITE
BSCC Palau CLS

Solution Specification:
- CLS design to withstand Cat 5 rating and zone 4 seismic rating
- 2N redundancy on DC system with 4 hours backup each leg at 20kW load (total 8 hours backup)
- Optional 50kW AC UPS with 30 minutes backup
- Mains power supply 220V / 110V
- Precision Cooling for equipment room in N+1 redundancy
- Fire detection & Novec 1230 gas suppression system
- Security camera and card access control system
- Building Management system
- IT load for NEC PC2 Technical is 18.3kW DC load and 1.9kW AC load
- IT load for TPN Room is 47kW AC load
- Total 67.2kW IT load
BSCC Palau CLS
BSCC Palau CLS

From this...

...to this!
Timor-Leste South Submarine Cable (TLSSC) Project

KEY CALLOUTS FROM PROJECT: NEW PROJECT INVOLVING COLLABORATION WITH MULTIPLE STAKEHOLDER – OUR FOCUS, ENSURING SMOOTH IMPLEMENTATION
Overview

- Establishes submarine cable connection
- Connects Dili (Timor-Leste) to NWCS (Darwin to Port Hedland)

Objectives

- Establish a reliable submarine cable link
- Strengthen telecommunication infrastructure

Significance

- Facilitates high-speed data transmission
- Boosts economic and social development

Milestones

1. Project Initiation
2. Cable Installation
3. Integration with NWCS
4. Testing and Optimization
5. Project Completion
MAJOR CHALLENGES AND LEARNINGS

1. No Deployment Infrastructure
2. Lead Time to Deployment
3. Shipping & Supply Chain issues
Innovative design, high quality manufacturing and rapid deployment have been the key to our success in the region.
INTRODUCTION

DXN LIMITED: INFRASTRUCTURE AT THE EDGE

Modular Data Centers and Cable Landing Stations
We are the exclusive vertically integrated manufacturer and operator of modular data centers and prefabricated cable landing stations in the Asia Pacific.

Expertise in Edge Infrastructure
Our skill set encompasses designing, engineering, manufacturing, and maintaining specialized edge infrastructure, including Prefabricated Data Centers and Cable Landing Stations.

Modular Division
This division is dedicated to the design, engineering, manufacturing, and deployment of edge facilities and critical data center infrastructure.

Data Center Operations
Our operations division is focused on operating, maintaining, and marketing data centers and critical infrastructure for both our existing data centers and modular customers.
THANK YOU