



Description: **Cellular Maintenance Services at Perth International Airport**

Requirement: **Construction Work Required Relocation of the Main Equipment Room**

Solution: **Relocation of Vodafone Hutchinson Australia and Telstra Equipment**

◆ Overview

Perth International Airport is Western Australia's main airport with passenger numbers that have trebled in the last ten years.

The airport is expanding, with the construction of a new extension to the building. This led to a requirement to move the main equipment for Vodafone Hutchinson Australia and Telstra, which had been previously held in separate equipment cabins, onto the roof of Level 1.

◆ What did the Project Involve?

A new location was established and this was followed by the installation of power and fibre for the new cabins intended to house the Vodafone and Telstra equipment.

Telstra was already live on the existing passive based Distributed Antenna System (DAS) and the DAS needed to be modified with new feeder cables for the new location.

The project was planned to ensure a seamless cutover with no loss of service for Telstra, whilst at the same time bringing Vodafone services live.

The project took place in July 2013, overseen by Jim Hazelden from CAM Australia. It required close coordination between CAM and the other parties, which included Management for the site acquisition, and installation works for Vodafone, Telstra, and associated Civil Works.

◆ Why was the Project so Successful?

The project was successful as a result of the close cooperation between all the parties involved and strong project management by the team at CAM Australia. There were challenges due to the number of different organisations involved in the project and working in an airport involved added additional restrictions around working hours and security.

Several obstacles were encountered during the project. Prime Contractors had taken over control of the airport areas where the existing shelter was located and multiple vendors were required to complete inductions within a tight timeframe due to demolition in these areas. The new VHA and Telstra shelters had to be constructed on site due to access restrictions.

Nevertheless, strong communications skills enabled CAM to establish the requirements of both Telstra and VHE and this gave Telstra the reassurance that CAM could represent them fully even in a situation this complex.

All work was carried out on time and to budget – despite all restrictions associated with the location.

