



## Overview

Hargy Oil Palms Limited is a long-established oil palm plantation company in Papua New Guinea that grows and produces palm oil for export. It has experienced significant success in boosting palm oil yields in West New Britain during recent years.

As part of a plan to support the growth of business, Hargy decided to upgrade the communication systems of the staffs' residence, Altai Super WiFi was approached by Hargy to deploy a wireless network for its executive staffs' residential area with a cost-effective solution.

The main challenge faced by the deployment team was the palm tree plantations scattering around the whole residential area. As plantations are one of the biggest obstacles of wireless signals, other wireless infrastructure providers in the market have to install a large number of APs to maintain the coverage, which will lead to a high cost of ownership.

However, thanks to Altai's patented smart antenna technology, Altai's AP are able to cover a much larger area than normal APs, hence the total APs required is much less than other market competitor. Nonetheless, the signal strength of the network for the whole coverage area remain strong and stable. Hargy is totally satisfied by cost-effective solution and the result provided by Altai Super WiFi.

**Customer Name:**

Hargy Oil Palms Limited

**Deployment Location:**

Papua New Guinea

**Application:**

Private WiFi network connecting staff to the corporate network and internet via VSAT.

**Products used:**

A8-Ein, A2

**Result:**

Hargy is totally satisfied with the wireless network powered by Altai Super WiFi. It is able to support large number of concurrent users and remain robust and stable even in areas covered by plantations.

## The Challenge

- Serious blockage by plantations
- Large number of concurrent users
- Large area coverage



## The Solution

Altai A8-Ein Wifi Base Station has been used as an AP and the A2s have been used as repeaters to provide the signal coverage

After the deployment, a 100% seamless network coverage is available to the whole residential area.

## The Result

Altai's WiFi technologies has provided Hargy Oil Palms Limited a robust and reliable network coverage. The staff can now access to the company network anytime anywhere among their residential area, and the WiFi signal is not being affected at every corner within the plantations area where palm trees are scattering all around.

### About Altai

Altai Technologies is a leading supplier of carrier-grade Wi-Fi products and technologies with a distribution network reaching 100 countries. Altai Super WiFi is the leading solution for vertical industrial markets, covering over 200 terminal ports and airports globally.

The Altai Super WiFi Solution includes a complete portfolio of indoor and outdoor products for carriers, WISPs, and enterprises to support a wide range of applications such as mobile data off load, public access, WLAN access, and backhaul.

Utilizing patented smart antenna technology, as well as a cloud-based management system called AltaiCare, the Altai Super WiFi Solution is designed from the ground up to deliver WiFi networks that have unprecedented performance, reliability, scalability, and manageability.

### Contact Us

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