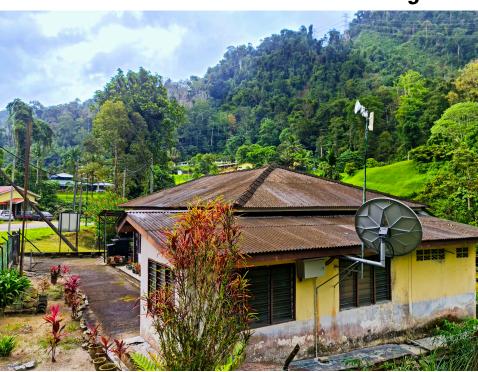
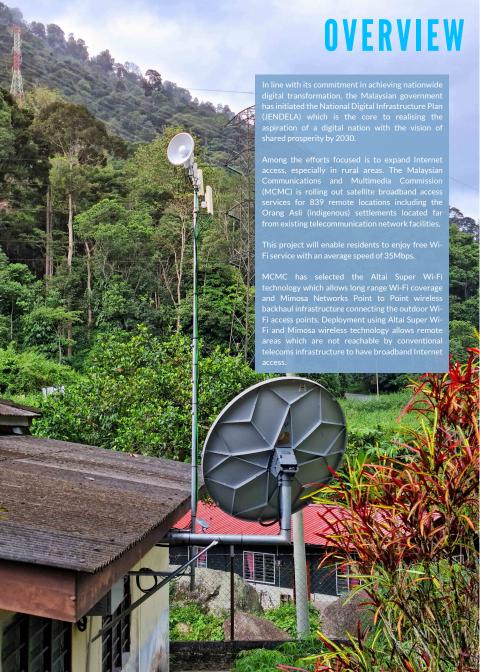
**Aglotel**\*



# RURAL SUPER WIFI PROJECT



A use case on long range WiFi for rural villages Internet connectivity using Altai Super WiFi technology.





# **OBJECTIVES:**

Fulfilling the JENDELA initiatives, the Super Wi-Fi solution for kampung orang asli Cameron Highlands settlements are designed based on the following objectives:

- Long range outdoor Wi-Fi coverage with at least 300m radius line-of-sight signal penetration
- High capacity 5GHz wireless point-to-point backhaul connecting the access points together from a single satellite source
- Satellite access with minimum 35Mbps capacity





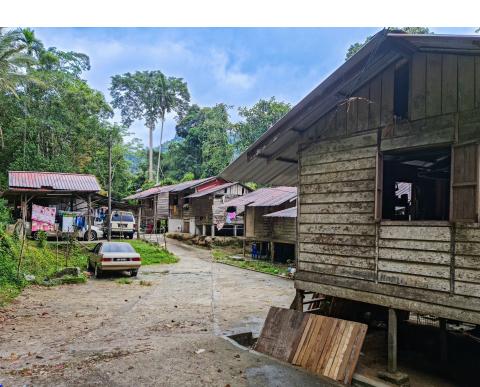
### THE SOLUTION

With such large area of Wi-Fi signal coverage requirement, customer has selected the Altai Super Wi-Fi with smart antenna technology to resolve the challenges in fulfilling the JENDELA objectives.

The coverage of Altai Super Wi-Fi signal is much larger than the footprint of any standard access point, therefore meeting the expectation for rural Wi-Fi network. Fewer number of access points are required to serve a large community of village houses. Deployment process can be concluded much faster.

The Mimosa point-to-point wireless solution provides high capacity backhaul eliminating the need to lay fiber optic cables at these mountainous area and also reduce the number of satellite drop points.

Together with AltaiCare, a cloud-based network management platform and controller, all Wi-Fi access points can be monitored and managed on a single architecture platform to save the cost of on-premise controllers.





# THE RESULT







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