



Source: Philea Resort & SPA

Overview

The 5-star Philea Resort & SPA ("Philea Resort") in Melaka of Malaysia lies in the shade of forest giants as well as the faultless flow of waterfalls. The Swiss style chalets are individual units separated by giant forest trees over a large area.

Owing to the nature of the resort design, a previous Wi-Fi network was unable to provide full coverage for every chalet and room. Therefore, the hotel has chosen Aglotel, a leading wireless broadband solution provider to design a new wireless network that can cover both the inside and outside of all chalet rooms as well as all hotel facilities including the ball room, restaurants, pool area, hotel lobby and many others.

Aglotel upgraded the hotel wireless network with the Altai Super WiFi Solution as it is the only Wi-Fi solution that can penetrate thick forest and require less installation sites due to its superior signal coverage.

The resort is now fully covered by the Wi-Fi network for both indoor and outdoor areas,

Customer Name:

Philea Resort & SPA
Aglotel Wireless Solutions Sdn. Bhd.
(distributor & system integrator)

Deployment Location:

Melaka, Malaysia

Application:

Private Wi-Fi network

Products used:

Altai A2 and C1n

Result:

With Altai Super WiFi the resort is now covered both inside and outside for all chalet rooms as well as all hotel facilities including the ball room, restaurants, pool area, hotel lobby and many others.

The Challenge

- Large coverage area with diverse terrain such as forest, chalets, waterfalls
- 100% indoor & outdoor coverage
- Plants absorb Wi-Fi signals and affect network coverage and performance



The Solution

In order to cater for the resort requirements, C1n's are mounted on every chalet and building to provide full indoor and outdoor coverage. C1n's are used as access point to provide Wi-Fi coverage.

Owing to the large coverage area, Altai A2's are installed to provide long range wireless backhaul to reach all parts of the resort. All C1n's and A2's are installed on a higher level to overcome difficult environmental challenges.

The Result

Altai's long range Wi-Fi technologies require dramatically fewer AP's per square kilometer of coverage, which enable solution providers to quickly build a wireless network without complete re-wiring and tedious installations. With the Altai Super WiFi network, the resort guests and staff are now connected all the time no matter they are at the indoor or outdoor areas.

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.

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