



Overview

A deployment for Aspen Vision City (AVC) in Malaysia has been completed successfully by Altai Super WiFi. AVC is the third satellite city project located in Batu Kawan, Penang. It is a project jointly developed by Aspen Group, one of the key forces shaping the property development industry in Malaysia, together with IKEA Southeast Asia.

To ensure the residents can have a best quality of living environment, AVC has been equipped with a number of digital signboards at multiple locations for communication purpose. In order to allow the signboards to best serve for the function, the network reliability is the most critical element. Altai Super WiFi has thus been selected to complete the mission.

The unique smart antenna technology allows Altai products up to 10 times the coverage and 5 times the capacity over those of a standard AP. With Altai's APs deployed at several outdoor locations of AVC, the signboards installed around the city are immediately connected and ready for real time release of multimedia announcement. The signboard system does not only help Aspen Group to better manage the residence but also has enhanced communications among the neighborhood.

Customer Name:

Aspen Group
Aglotel (System Integrator)

Deployment Location:

Penang, Malaysia

Application:

Wireless network to support digital signboards for multimedia communications purpose

Products used:

CX200, C1n

Result:

With Altai Super WiFi, the sign boards around the neighborhood are now connected to a central management system, by which the property management team can release multimedia information to all residents simultaneously via the smart signboards at any time.

The smart signboard system has not only facilitated the property management process, but also provided an efficient mean for neighborhood communications.

The Challenge

- Large area outdoor coverage; the WiFi network has to provide coverage for multiple locations
- Limited sites for equipment installation
- Large number of simultaneous users



The Solution

Altai's CX200 and C1n have been chosen in this project with CX200 as base stations and C1n as CPEs. All of these devices are installed on lamp posts across the city and each CX200 is connected to 2 – 4 units of C1n to form a wireless network.

The solution was designed and deployed with support of Altai's partner in Malaysia, Aglotel.



C1n

CX200

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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