



Overview

The Wandoan Accommodation Park is just off the Leichhardt Highway on a very popular inland route north heading towards tropical Queensland. The 3.5 acre landscaped park caters for caravans and camping but also provides 3 to 4 star cabins, suites and apartments for those who prefer to maintain their standards whilst getting back to nature.

With the rise of mining in the area, the Wandoan Accommodation Park has of late been used to house mining staff while they work on site, on a fly in, fly out basis. However, accommodation facilities needed to be improved to attract and retain staff. Though the park provides an excellent base for staff with a pool, restaurant etc, the park did not provide high speed, reliable WiFi connectivity.

Owing to the size of the park and the structure of the buildings, the existing wireless network provided very limited coverage. Darktime, a local system integrator replaced the network using Altai Super WiFi Solution to provide 100% indoor and outdoor coverage. The staff can now access the internet with their WiFi-enabled devices anytime, anywhere. The morale of the staff have increased greatly by their ability to maintain communications with family and friends outside the park.

Customer Name:

Wandoan Accommodation Park
Darktime Pty Limited
(system integrator & network operator)
Powertec Telecommunications
(distributor)

Deployment Location:

Wandoan in Queensland, Australia

Application:

Private network

Products used:

Altai A2-Ei, C1n and AltaiCare

Result:

In just two days, the Altai Super WiFi covered the entire park to provide seamless wireless connection. Without complicated wiring or configuration, the system integrator can easily install the Altai equipment and build the network. AltaiCare also helps the network operator to manage and monitor the network performance even though they are based a few hours' drive away from the site.

The Challenge

- Large area coverage
- Lack of tall building for installation



The Solution

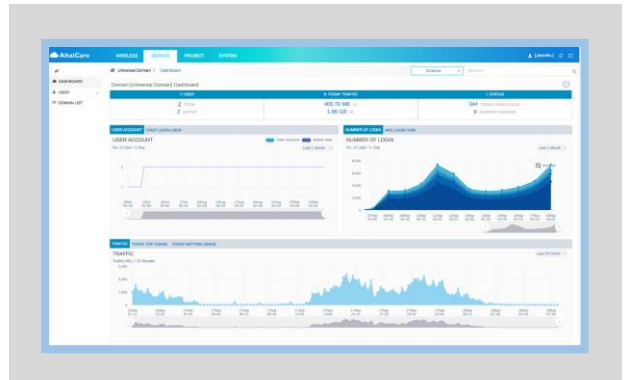
Two A2-Ei's are installed on the rooftop to provide access using its 2.4GHz channel and 5GHz for backhaul. A total of fourteen C1n's are deployed in the park, some of them are used for access while some of them are used as CPE mode to extend the WiFi signal from the A2-Ei's to different areas of the park.

Since Wandoan Accommodation Park is a few hours drive away from the network operator, AltaiCare is used for monitoring and managing the network performance. Furthermore, the Altai cloud-based network management platform allows the network operator to monetize their services such as prepaid subscription, advertising, promotion etc. The park owner also used AltaiCare to control client access, bandwidth and data allowances.

The Result

With the new wireless network available everywhere in the park, the staff and workers are happy with the performance of Altai Super WiFi. The morale of staff has greatly increased as they can maintain communication with their family and friends while they are staying in the park.

Both network operator and park owner are satisfied with the new network as they can easily manage the network and generate recurring income through AltaiCare.



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 Wi-Fi networks that have unprecedented performance, reliability, scalability, and manageability.

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