

Popular Shopping & Entertainment Complex in Johor of Malaysia Selects Altai Technologies Super WiFi Solution

Johor Bahru City Square (“City Square”), one of the most popular shopping & entertainment complexes in Johor of Malaysia, has chosen the Altai Super WiFi solution for its wireless broadband network in order to increase traffic in the shopping mall and bring more convenience to its visitors. The City Square selected Altai’s WiFi solution due to its tremendous performance in outdoor and indoor coverage, high capacity, interference mitigation and flexibility in antenna positioning.

Strategically located right in the heart of the city, City Square is a great shopping place in Johor. It offers an array of exciting lifestyles – shopping, food and entertainment. The building interior consists of five storeys of shopping malls, including a thirty-six storey office block, which is divided into the lower, middle and upper zones. The complex features more than 150 fashion stores and over 50 food and beverage outlets.

The Altai Super WiFi solution provides 100% indoor and outdoor coverage in the City Square. The wireless network blankets the whole shopping complex, including the outdoor areas – providing convenience not only to shoppers, but also mobile workers.

The Altai A8 base stations have been installed inside the mall for indoor coverage and on the podium for outdoor coverage. The flexible antenna configuration allows the A8 to adapt to various site conditions in the City Square.

One of the challenges of setting up the wireless network in the City Square is to handle large amounts of simultaneous Internet users and provide full indoor WiFi coverage, including the basement. Aside



from the A8 base stations, indoor CPEs have also been installed to extend the WiFi signal to remote areas of the mall.

By using the automatic channel selection and channel noise immunity algorithms along with signal reception diversity, the Altai A8 base stations are able to minimize interference while providing stable Internet access with high speed.

Visitors can buy prepaid WiFi cards from the customer service centre to enjoy their WiFi connection while in the City Square. With the prepaid card, visitors can access a high speed, reliable Internet connection with their WiFi-enabled devices anytime, anywhere in the complex and within its vicinity. On the WiFi service login main page, the latest activities held in the mall and shop promotions are posted so that visitors are aware of the latest shopping tips.

The new network gives the City Square the opportunity to expand and enhance the range of digital entertainment experiences for its shoppers.

About Johor Bahru City Square

Johor Bahru City Square is a shopping centre located in the Central Business district of Johor Bahru. Due to its proximity to the Johor-Singapore Causeway, City Square attracts many shoppers from Singapore. City Square is also known as the centre of fashion amongst the young generation in Johor Bahru. Every weekend, young people gather in their most stylish and trendy clothing in a similar fashion to those in Bukit Bintang area, Kuala Lumpur or Orchard Road.



Network Summary

Requirements

- Able to handle a large number of simultaneous users
- Provides stable WiFi signal from the basement to level 7 and around the complex
- 802.11b/g multimode
- Triple play WiFi support and bandwidth for interactive applications and video streaming

Solution

- Altai A8 base stations and indoor CPEs are installed in different levels to provide 100% coverage

Benefits

- Altai wireless broadband solution provides high speed and stable wireless broadband network
- 100% coverage in both indoor and outdoor areas

For more information, please visit www.altatechnologies.com