Product Update

Altai Launches New 2x2 802.11ac Wave 2 AX500 Series with Super WiFi Smart Antenna Technology for High Density, Large Coverage Outdoor Deployment

Built-in Super WiFi Smart Antennas with different options (sector/omni/external), the IP 68-rated Altai AX500 series provides the largest signal coverage among 2x2 802.11ac wave 2 access points in the market. Using the Super WiFi Smart Antenna technology, the Altai AX500 series is able to provide up to 1km LOS access -- the largest coverage among market's available 2x2 802.11ac Wave 2 access points.

AX500 series has different Super WiFi Smart antenna options

The AX500 series offers several technology breakthroughs to meet today's WiFi challenges:

- Multi-beam Super WiFi Smart Antenna technology to adaptively transmit traffic to each client by selecting the best beam that optimizes performance and range
- MU-MIMO to increase the capacity of AX500 series substantially by allowing simultaneous transmissions from the AP to multiple clients
- Integrated high gain dual-polarized antennas offer reliable and consistent performance to mobile clients that are constantly changing their orientation
- Advance interference mitigation to provide significant reduction in interference
- AirFi technology to enhance clients' throughput based on signal strength and traffic

Combined with AltaiCare and its powerful access control features and advertisement engines, the AX500 series delivers best-in-class WiFi hotspot solutions for high density deployments. The superior coverage and capacity of the AX500 series makes it the best solution for smart city projects.

Company Update

Altai Super WiFi Connects Johor of Malaysia

A2-Ei's are mounted in the outdoor areas to provide large coverage

The Johor state government has launched the "Johor WiFi" program since 2016, in-line with the government plan to increase its internet penetration from the current 65% to 95% by 2020. The three-year project will involve RM12.9M for the installation and maintenance of the WiFi service in 10 districts of Johor state. The WiFi network is operated by a leading local internet services provider in Malaysia.

In order to provide large coverage, A2-Ei's are mounted on street poles and buildings in the major districts of Johor city while C1n's are used as access points to provide micro coverage in some areas. For easier management of the WiFi service, the network is managed and operated by the Altai Wireless Management System ("AWMS").

In phase one, 135 hotspots were deployed in the major areas of Johor city to provide free WiFi service to local residents and tourists. Since the launch of Johor WiFi, over 235,000 users have registered to use the services for free. A Phase Two expansion will start in mid 2017, providing an additional 74 hotspots in both urban and rural areas of Johor.

Total in Morocco Selects Altai Super WiFi for Its Gas Station Wireless Network

Total, the world's 4th largest oil and gas company has selected Altai Super WiFi Solution for its gas station wireless network in Morocco. The wireless network is to provide free WiFi services to its customers as well as gas station staff. Since the gas stations operate round the clock, the customer requires rapid network deployment and simple operation. Altai's hotspot solution provides a simple, secure and cost-effective way for enterprises to manage their WiFi networks.

The WiFi network is provided for free to customers

One C1n is amounted outside the gas station office to provide outdoor access while another one is installed inside the office to provide indoor wireless connectivity. The Altai Super WiFi network is now available at the Total gas stations in major districts of Casablanca.

City of Merida, Mexico Selects Altai Super WiFi Solution for City-Wide Free WiFi

Over 70 units of A2 & A2-Ei are mounted on lampposts to provide outdoor WiFi

Launched in this Jun, there are over 200 hotspots available in the major areas of the city of Merida. Estratel, a local system integrator who designed and built the wireless network, supported by Altai's partner Alfa2mil9, selected Altai Super WiFi solution for the city-wide project. Over 70 units of Altai A2 and A2-Ei are mounted on lampposts to provide wide area signal coverage. Owing to the large coverage size, Altai Wireless Management System ("AWMS") is used for centralized network management and FCAPS+.

The WiFi service is provided for free to local residents and visitors across 53 streets of the historical center including parks, markets, tourist areas, government buildings and El Paseo Montejo. In order to access the free WiFi, user can simply connect to the "AyuntamientodeMerida" network and then register

via Facebook or an email account. The new wireless network not only improves the connectivity of the city, but also creates business opportunities for boosting the local economy.

Altai Super WiFi Enables Weifang Smart City Project

In order to stay at the forefront of technology, the municipal of Weifang launched its plan to transform the area to a smart city since the end of 2015. Following the success of the launch of free WiFi services at Kite Square and People Square, the AOD Group, a leading LED technology company in China is once again appointed by the municipal government to design and build the WiFi network for the Smart Weifang project.

Altai A8-Ein is integrated with LED street light to provide seamless WiFi services

Integrating the Altai A8-Ein with their LED street light, the AOD smart lamppost provides not only street light services but also free WiFi access for local residents and visitors. Completed at the end of last year, the smart lampposts were installed every 500m along seven major streets of Weifang city to provide free WiFi connectivity. By installing the "Wei V" app on WiFi-enabled devices, user can easily connect with the city-wide free wireless network.

According to the schedule, more streets will be covered with free WiFi by end of 2017.

Company Event

Altai Hosted WiFi Solution Trainings for Partners and Customers in Mexico

Altai hosted a series of WiFi training seminars for channel partners and customers in Mexico in May. The training was held in different cities such as Mexico City, Guadalajara City and Merida City to introduce the newest Super WiFi technologies and solution.

Many local partners and customers have attended the Altai Super WiFi training

During the training, Altai updated its latest products and shared deployment cases with attendees. The features of AltaiCare such as network management, service control and big data analytics were also demonstrated.

Altai Showcased at CommunicAsia and Wireless & IoT Symposium

Altai has recently participated at CommunicAsia in Singapore (May 23-25) and the Wireless & IoT Symposium in Hong Kong (May 26) to showcase the latest Altai Super WiFi solutions and share various deployment cases. Visitors showed strong interest for the newly-launched 2x2 Wave 2 AX500 series as the market is in need of high performance, cost-effective wireless broadband solutions for smart city applications. In conjunction with the functionality and feature rich AltaiCare platform, enterprise/service providers can manage their WiFi networks and collect data easily and economically for big data analytics.

Altai @ CommunicAsia