



Company Update

Altai Launches New Wireless Solution for Hotspot and Smart City Connectivity

Altai Technologies has recently launched the Altai C2s dual-band access point/bridge, a new Super WiFi solution for hotspot and smart city connectivity.

The carrier-grade Altai C2s Dual-Band 2x2 802.11ac WiFi AP/Bridge is specially designed for service providers that need carrier grade performance such as outstanding coverage and high capacity while remaining highly economical solution. Combining several technology breakthroughs such as superior RF and filter design, smart band steering and load balancing technologies, the Altai C2s delivers highly reliable and consistent WiFi services to mobile users.

The Altai C2s is designed to meet the connectivity requirements of different customers, including:

- Hotspot - In conjunction with AltaiCare, a zero configuration cloud-based network management solution, the Altai C2s will enable non-technical personnel to turn the café, convenience store, billboard etc. into a hotspot overnight.
- Last Mile - Combining the Altai C2s with either an Altai A8-Ein (ac) or A3-Ei, the new solution delivers WiFi coverage up to 3km. It provides low deployment cost and fast provisioning of WiFi systems with the greatest coverage and bandwidth, which is ideal for smart city large area wireless connectivity.



IP55-rated C2s is suitable for both indoor and outdoor applications

- Bridging - The Altai C2s offers the best value in price/performance solution for high capacity point-to-point and point-to-multipoint infrastructure backhaul for mobile network operators.

Together with AltaiCare, the compact size with built-in mounting bracket will enable services providers to quickly and easily install Altai C2s in different locations without complicated networking protocols and installation.

Altai and ETN Singapore Turn HCM City into Smart City with Free Wi-Fi

Altai Technologies announced ETN Singapore, a leading telecom solution provider with the collaboration of HCM City People's Committee, has selected the Altai Super WiFi Solution to provide free public Wi-Fi for Ho Chi Minh City, Vietnam.



Free Wi-Fi will be available by Q3 of 2016

Altai Technologies, since its inception in 2006, has been realizing the (smart) city Wi-Fi concept. Altai's patented technologies including the smart antennae, are well positioned to provide the largest outdoor coverage in and around the world. This is highly important for a city Wi-Fi initiative to provide a robust and high quality Wi-Fi services to any mobile users. Altai's city Wi-Fi solution has been deployed in over 50 regions and has been endorsed as a Wi-Fi enabler for many smart city applications that also include smart metering and surveillance.

In phase 1, the city Wi-Fi network will cover over 50km of HCM City to provide free Wi-Fi to both tourists and locals. The free Wi-Fi accessibility not only creates an impression on local tourism but also forms the foundation for establishing future public initiatives to build an effective backbone for digital or e-government.

ETN Singapore, in collaboration with Altai Technologies, will construct and operate the free outdoor Wi-Fi network, which connects to a wide range of smart city applications. Owing to the ease of installation of Altai Super WiFi products, the main streets in Ho Chi Minh City's district 1 will be blanketed by a wireless network in weeks instead of months. Besides, applications like smart lighting, smart parking, wireless surveillance systems and digital kiosks will help improve city services, making Ho Chi Minh City a better place for living, leisure and business.

The People's Committee of Ho Chi Minh City foresees that the free Wi-Fi will boost tourism as well as the local economy. The first phase of the service is targeted to be rolled-out by the third quarter of 2016.

Altai Super WiFi Enables Digital Mining in India

In order to increase the productivity, safety and security of mining, staying abreast with the latest communication technology is the key to achieving these objectives. The extreme environment of coalfields makes wireless connection an ideal solution for various applications since wireless can be deployed virtually anywhere.

Operated by Sainik Mining and Allied Services Limited ("Sainik"), the open-pit mines in Jharkhand of India urgently required a high capacity wireless broadband network to provide internet connection for its site offices, RFID tracking application as well as wireless video surveillance system.



C1n & C1an are mounted on towers to provide WiFi coverage

Pixel House Automation Pvt. Ltd. ("Pixel House") was appointed by Sainik to design and install the wireless network for its coalfield. In order to provide full outdoor Wi-Fi coverage, C1n and C1an are mounted on towers to provide internet connection for RFID vehicle tracking application and central control room. Operating on 5GHz channels, the C1xan's are installed on different towers and rooftops of on-site offices to provide up to 6km point-to-point wireless connection for the video surveillance system. All the wireless CCTV cameras are connected to the central control room and the cameras are installed in strategic locations to avoid blind spots. Since the wireless network must be always available, another pair of C1xan are connected to provide network redundancy.

With high gain smart antennas and advanced signal processing algorithms, the Altai C1n series is able to provide long range coverage with high throughput. Owing to the ever changing landscape of open-pit mines, the compact and portable design of the C1n series enables the network operator to expand its Wi-Fi network easily.

Company Event

Altai Super WiFi Showcases at Tradeshows in Singapore and China

Altai recently participated in the CommunicAsia (May 31- Jun 3) in Singapore, Ports China (May 31 – Jun 2) and Transport Logistics (Jun 14 – 16) in Shanghai of China.

Altai showcased its newly launched smarty city and hotspot solutions, and the full series of 802.11ac products in the shows, the feedback from visitors on the Altai Super WiFi products were very positive. Visitors showed strong interest on the new solutions and they exchanged their experience and insight on wireless equipment market.



Altai @ CommunicAsia, Singapore

