



Company Update

Altai Super WiFi Enables Smart Warehouse Automation in Australia

Owned by the Dymocks booksellers chain, Telegram Co. is a niche lifestyle business in Australia. The company has recently moved into a brand new 10,000 sq.m., 15m high warehouse in West Footscray, Melbourne. At the same time, the administrative team moved into a new office site in Collingwood. Though both premises are wired, they need a wireless network to enable smart automation and to connect the two offices for efficient operations. Three separate wireless networks are required to provide wireless connection for different usage.



Staff can always stay connected with wireless networks available in both premises

After testing solutions from various system integrators, the Telegram Co. ultimately selected Altai Super WiFi Solution proposed by Fine Tune Communications ("Fine Tune") due to the superior performance of Super WiFi Solution and the extensive wireless broadband experience of Fine Tune.

Warehouses are typically hostile environments in RF terms and they need careful review and planning to ensure even and full Wi-Fi coverage. The high ceilings, reflective metal racking, moving forklifts and large paper pallets can affect Wi-Fi signal and network coverage. In order to tackle all these challenges, Fine Tune installed 16 units of A3c on the high ceiling of the warehouse and 4 units of A3c in the administration office. For ease of management, the Altai A3c's are connecting with AltaiCare, a cloud-based management for access point and network management. AltaiCare provides secure admission and service control across the Wi-Fi network, it has substantially reduced the time and cost in managing the whole network.

With wireless networks now available in both premises, staff can always stay connected while they are moving between the warehouse and the administrative office.

Company Update

Port of Lirquen in Chile Upgrades Its Wireless Network Using Altai Super WiFi



A2's are used as bridges to provide wireless backhaul

Port of Lirquen ("Puerto Lirquen"), one of the most modern terminal ports in Chile has recently upgraded its wireless network to the 802.11ac standard using Altai Super WiFi solution.

With the increasing need to connect real time data and onsite workers, Puerto Lirquen has decided to upgrade its network. It has appointed TEKSO, a leading local system integrator to design and build the new wireless network with superior performance and high scalability. The new wireless network is designed to connect with the Navis N4 system, a container terminal operating system used in the dock areas to achieve faster turnaround times and improve the efficiency of container handling.

Conventional access points are not ideal for terminal ports due to the high interference at the berths and Wi-Fi signal blockage by cranes and containers. Following extensive trials with a number of different wireless broadband solutions, TEKSO has selected Altai Super WiFi Solution for Puerto Lirquen's network upgrade project due to its reliability and easy scalability. Altai A8 and A3 series products are deployed for large area coverage while A2's are used as bridges to provide wireless backhaul. The Altai Wireless Management System is also used to manage and monitor the wireless network.

The ease and speedy deployment of the Altai Super WiFi Solution enables TEKSO to quickly deploy the new wireless network for its' customers. With a stable and full coverage Wi-Fi network, the on-site workers can now transmit real-time data to the central server using the handheld terminals, with the overall work accuracy and efficiency being enhanced.

Altai Super WiFi Brings High Performance Wi-Fi to the First and Largest Log Resort in Malaysia

The 5-star Philea Resort & SPA ("Philea Resort") in Melaka of Malaysia lies in the shade of forest giants as well as the faultless flow of waterfalls. The Swiss style chalets are individual units separated by giant forest trees in a large area. Owing to the nature of the resort design, a previous Wi-Fi network was unable to provide full coverage for all chalets and rooms. Therefore, the hotel has chosen Aglotel, a leading wireless broadband solution provider to design a new wireless network that can cover both the inside and outside of all chalet rooms as well as all hotel facilities including the ball room, restaurants, pool area, hotel lobby and many others.



Altai Super WiFi is able to penetrate thick forest

There are many challenges in building a wireless network at the Philea Resort as it needs to cover the entire area with diverse terrain, such as forest and chalets. Furthermore, plants absorb wireless signal, so it is extremely challenging for any wireless deployment. Aglotel upgraded the hotel wireless network with Altai Super WiFi Solution as it is the only Wi-Fi solution that can penetrate thick forest and require less installation sites due to its superior signal coverage. The patented Altai Super WiFi technologies are able to overcome all the challenges to provide high speed wireless broadband access for the hotel within such a special environment.

Aglotel installed Altai A2's as wireless backhaul and C1n's as access points to provide complete Wi-Fi coverage for the entire resort. The hotel guests and staff are now connected all the time no matter they are at the indoor or outdoor areas of the resort.

Altai Super WiFi Unwires First Large-scale Pastoral Scene Performance at Changsha of China

The Longping Culture Park in Changsha has invited Beijing Nodes, a leading system integrator in China to design and build the internet network in its theater for Changsha's first large-scale live culture performance. Rather than taking the more expensive and cumbersome approach of laying Ethernet cable along the performance stage, Beijing Nodes proposed a wireless alternative using Altai Super WiFi to connect the stage props with the Control Room directly.



The performance cart is installed with Altai C1xn as CPE to receive commands from Control Room

Two Altai A8-Ein's are installed on the stage ceiling while C1xn's are installed on twelve performance carts as CPE's. The digital stage signage installed on each performance cart will be changed when the cart has received the commands from the control room via the A8-Ein's. Since the performance of "On the Liuyang River" is a live show, it requires a very stable and zero downtime wireless connection. The award-winning Altai wireless network provides a reliable Wi-Fi network to ensure the smoothness of the show. It has also significantly increased the mobility of the performance carts and shortened the deployment time.

Company Event

Altai Presents Outstanding Partner Awards to Partners in Mexico



Customers are interested in Altai's latest Super WiFi Solution

Altai has presented the Outstanding Partner Awards to Syscom and Alfa2Mil9 in Mexico. The award is to recognize the outstanding achievements and sustained sales record of Altai's partners in Mexico. The awards were presented by Danny Ng, Altai's Senior Vice President, Sales & Marketing at their respective offices.

Altai product training was also conducted by Javier Mochnacs, Regional Director of Latin America & Caribbean to partners in Mexico. During the training, Altai updated the partners with its' latest Super WiFi Solutions and shared different deployment scenarios.

Altai Super WiFi Showcases at Tradeshows in Colombia and China

Altai recently participated at ANDICOM (Aug 23-25) in Cartagena of Colombia, Shenyang Smart City Forum (Sept 22-24) and PT/Expo Comm (Sept 27-30) in China. Altai shared our latest Super WiFi Solutions and smart city deployment cases with our customers and visitors. They were amazed by the super long range Wi-Fi technologies and the scale of the deployments presented.



Altai shared its latest solution with visitors @ ANDICOM

Upcoming Event

GITEX 2017

Date: Oct 8-12, 2017

Venue: C2-43, Hall 2 Dubai World Trade Center
Dubai, UAE



Qualcomm 4G/5G Summit

Date: Oct 17, 2017

Venue: 1/F, Kerry Hotel
Hung Hom, Hong Kong



AfricaCom

Date: Nov 7-9, 2017

Venue: Cape Town International Convention Center
Cape Town, South Africa

