

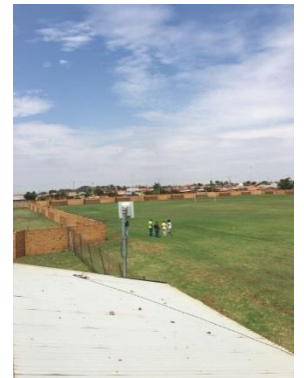


## Company Update

### Altai Super WiFi Connects South Africa Under-Served Areas

In South Africa, the lack of affordable, reliable, high-speed broadband access has negatively impacted the country's development. To improve the broadband penetration of the country, South Africa Connect, a national broadband policy has been implemented.

Galela Telecommunication Holdings (Pty) Ltd ("Galela") is a trailblazer in deploying broadband networks and offering internet connection services in under-served areas of South Africa including townships and rural areas. Galela has successfully deployed a WiFi hotspot network in one of the large District Municipalities in South Africa, Dr. Kenneth Kaunda District Municipality ("Dr.KKDM"). The WiFi service in Dr.KKDM was launched in February of 2016 to provide free internet connectivity to local residents.



*A8-Ein is installed on rooftop to provide large area coverage*

Owing to the huge coverage area and high user capacity, Altai A8-Ein and A2-Ei are deployed on the rooftops of various buildings to provide WiFi access while C1n's are used as CPE's to extend the WiFi coverage. In some areas such as internet cafés, schools and clinics, A2 and C1n are used to provide small area wireless networks. The operator used AltaiCare to manage the WiFi network and configuration, due to many base stations and access points installed in different locations.

There are 225 WiFi hotspots in the city of Tlokwe located in the Dr. KKDM. The WiFi hotspots are deployed mostly in underserved areas such as townships and settlements. At peak hours, there are over a thousand simultaneous users with an average speed of over 15Mbps per user. The local residents can now enjoy 24x7 seamless WiFi services for free.

## Company Update

### Altai Super WiFi Makes Warehouse Operations Easier

Being the leading conglomerate in China, the enterprise decided to adopt the latest wireless technologies to convert its grain depot to a smart warehouse operation.

The outdoor wireless network was designed and built by a leading wireless system integrator in China using Altai Super WiFi solution. Co-located with existing 2G/3G cell sites, one Altai A8n was installed on the rooftop of the core building to provide full wireless coverage. With patented 4 x dual slant smart antenna technologies, the A8n provides flexible and large horizontal beamwidth (70 to 360-degree) coverage. The Altai AirFi algorithm also helps to optimize the throughput to ensure network stability and performance.



*A8n is co-located with 2G/3G cell site*

A few Altai C1n's were mounted on the side-wall of warehouses, and they were configured as AP/CPE pairs for extending Wi-Fi coverage from the A8n. Connected with the C1n, the A8n provides Wi-Fi coverage up to 2.7km (LOS).

Even though the warehouse environment is very dynamic, the Altai Super WiFi solution is able to increase the average signal-to-noise ratio to improve the signal coverage and data throughput performance. From truck weighing, goods loading to custom clearance, all processes are now connected with the wireless network to enhance the overall efficiency.

### MTNL WiFi Sponsors 15<sup>th</sup> Real Estate & Housing Finance Expo in India Using Altai Super WiFi

MTNL WiFi was selected by MCHI-CREDAI, a leading exhibition organizer in India as WiFi sponsor for its 15<sup>th</sup> Real Estate & Housing Finance Expo (Jan 15-18, 2016) in India. The four-day property expo showcased a range of luxury and affordable property projects. Over 40 developers with over 300 projects and over 20 banks and home finance institutions had participated the event.



*Altai A8n is suitable for large area coverage such stadium, exhibition hall*

To overcome the challenges of this dynamic and high user capacity environment, Altai A8n Super WiFi Base Stations were installed on the poles located in different areas of the exhibition hall to provide high performance, reliable wireless access. Utilizing patented smart antenna technologies and advanced signal processing algorithm, Altai A8n is able to provide up to 10 times the coverage and 5 times the capacity over those of a standard

AP. The complimentary WiFi enables all visitors and exhibitors to stay connected all the time and receive the latest on-site event information.

## Company Event

### Altai Super WiFi Showcases at Tradeshows in Spain and China

Altai recently participated in the Mobile World Congress (Feb 22-25) in Barcelona of Spain and China West International Equipment Manufacturing Exposition (Mar 17-20) in Xian of China.



Altai @ CWIEME in Xian, China

Altai's latest 802.11ac products and AltaiCare were presented in the shows, the feedback from visitors on the new product series were very positive. Visitors exchanged their experience on the deployment of wireless equipment and they all shared the same view that WiFi network is one of the key factors of a successful smart city.

## Product Promotion

### Altai Unveils A3c/w Special Promotion Offer

Altai has recently launched a special offer for its A3c/w Dual-Band Access Point. The Altai A3c/w are the latest 802.11ac access point specially designed for indoor environment. Comparing with other similar access points, Altai A3c/w offers the highest price/performance ratio in the market. Altai A3c/w provides up to 800m line-of-sight access and up to 512 concurrent users, it has also minimized dead spot coverage, therefore it is perfect for office spaces, campus, retail stores, hotels deployment.

Upgrade Your Network to 802.11ac Controller-Less Altai Super WiFi

Altai A3c/w Dual-Band Access Point offers Best Price/Performance Ratio!

Brand	List Price (US\$)
Altai A3c/w	699
Brand K	995
Brand A	1,295
Brand C	1,095
Brand H	1,199

Get Special Offer!

**Features:**

- 802.11ac high performance indoor WLAN access
- Perfect for office spaces, campus, warehouses, retail stores, hotels, etc.
- LOS access 800m(2.4G)/600m(5G)
- Bundled with AltaiCare, controller-less, cloud-based management solution
- Flexible mounting option

Up to 512 Concurrent Users | Altai Maximizes Network Throughput | Minimal Dead Spot Coverage

A3c/w is perfect for indoor WLAN access

Altai is now offering A3c/w at special price, please feel free to contact [info@altaitechnologies.com](mailto:info@altaitechnologies.com) for details.

## Upcoming Event

### CommunicAsia 2016

Date: May 31 – Jun 3, 2016

Booth#: BU2-07

Venue: Basement 2, Marina Bay Sands, Singapore



### Transport Logistic China 2016

Date: Jun 14 - 16, 2016

Booth#: 122, Hall E1

Venue: Shanghai New International Expo Center, Shanghai, China

