

## The Global Challenge

**4 Billion People**

**48.8%**

World's Population have no internet access



## Connect the Unconnected

Lacking of internet connectivity prevents people across the world from participating in and benefitting from today's digital economy. These people have no access to the opportunities that we believe are essential to prosperity and empowerment of communities, which includes education, job advancement and access to health information.

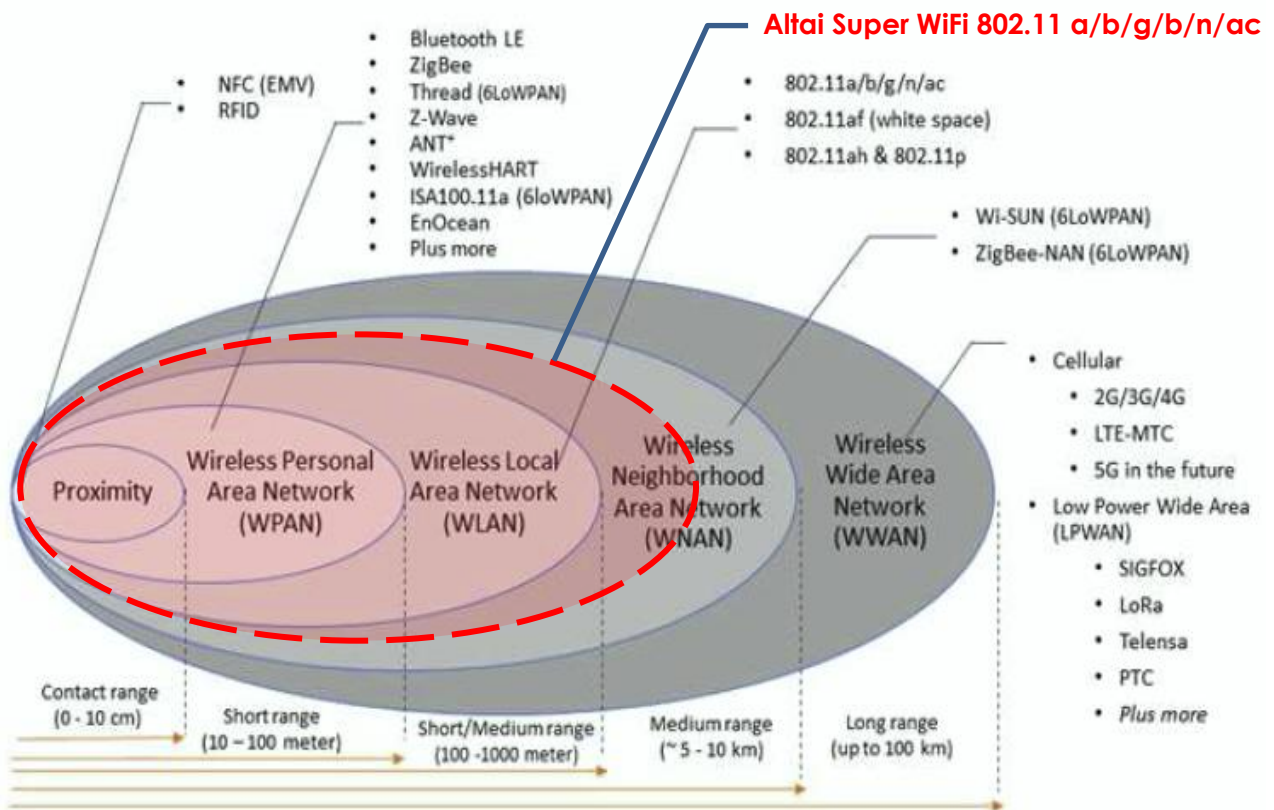
### Altai's Mission

Closing the digital divide is always one of Altai's key missions. Access to internet is now a fundamental human right. We share the same commitment with Facebook's Express Wi-Fi. By collaborating with Facebook Connectivity, we would seize the opportunity to utilize our technologies to bring connectivity to the most remote areas around the world, and to people who are suffering most from the digital divide.

## Why Altai?

	<p><b>8x8MIMO Smart Antenna Technology</b> Offers up to <b>1.7km LOS and 500m NLOS</b> Wi-Fi coverage</p>		<p>Powerful SaaS by <b>Facebook</b> Cloud monetization &amp; management</p>
	<p><b>Lowest TCO</b> Superior coverage minimizes the number of APs, thus reducing CAPEX and OPEX</p>		<p><b>Fast Deployment and Scalable</b> A single unit designed to cover one village</p>
	<p><b>Low latency</b> roaming for seamless coverage Device hand-off between APs in Low latency</p>		<p><b>All Weather Design</b> IP67 with industrial-grade surge and vibration protection; Operating Temp. -40C to +60C</p>

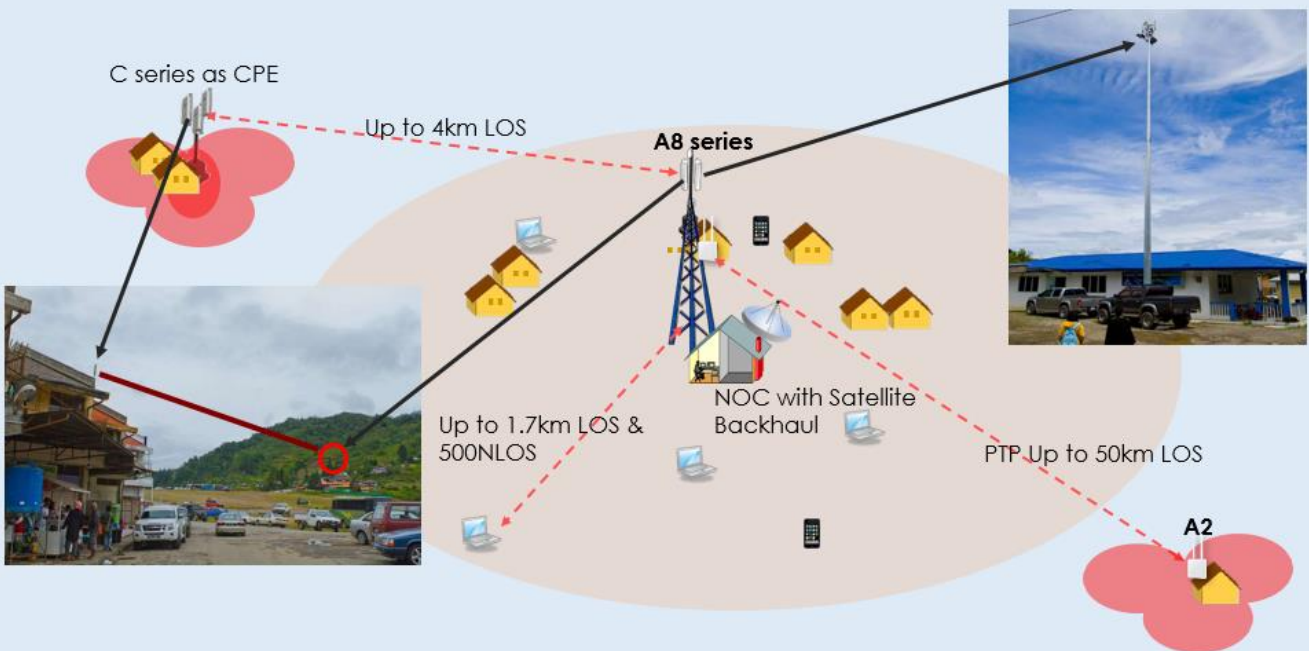
## Radio Coverage per High Performance Wireless Type



## High Performance Wireless Technologies Comparison

Technology	Data Rate	Antenna Density for 100% Coverage	TCO	Availability
ALTAI Super WiFi	Very High	Low	Low	Global
Private LTE	High	Medium	High (Opex)	Some Countries
Public LTE	High	None	High (Opex)	Some Countries
Standard Mesh WiFi	Very High	High	High	Global

## Successful Village WiFi Network Topology



## Products for Rural Applications



### A8-Ein(ac) Unparalleled Coverage (1.7km LOS)

- 8x8 MIMO DBDC
- a/b/g/n/ac
- 2.4GHz LOS: 1.7 km x 100°
- 5GHz LOS: 900 m x 120°
- 300 + 867 Mbps

### C1n/C1xn Affordable, Best CP Ratio in Market

- 2x2 MIMO
- b/g/n
- LOS: 800 m x 70° 2.4G
- LOS as CPE: 4 km to A8-Ein (ac)
- 300 Mbps



## Successful Stories

Altai's footprints can be found in more than 100 countries.



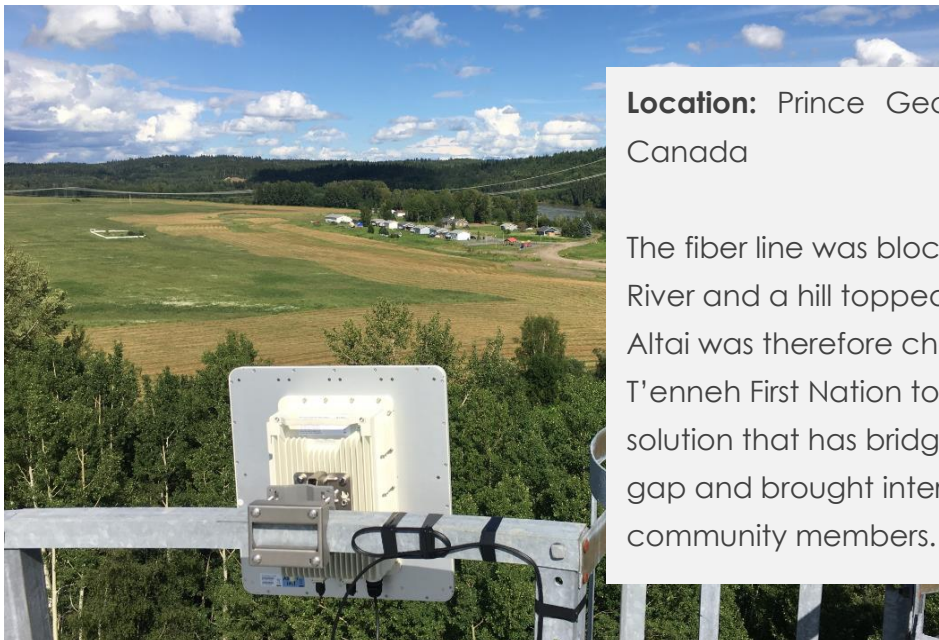
**Location:** Dr. Kenneth Kaunda District Municipality, South Africa

Although lacking of Ethernet backbone, Altai still successfully deployed 225 WiFi hotspots in the underserved areas, such as townships and settlements, of the city of Tlokwe, which located in the Dr. KKDM district. The citizens in these areas can now enjoy the benefits of free Wi-Fi brought by Altai Super WiFi.



**Location:** Underserved Regions in Cameroon

Altai worked with its system integrator to implement a large-scale wireless network for Wiicom, a telecom company in Cameroon. The wireless network is now benefiting the citizens of Cameroon in underserved areas. And Altai's wireless network is still expanding in the country.



**Location:** Prince George, British Columbia, Canada

The fiber line was blocked by The Nechaho River and a hill topped by thick line of trees. Altai was therefore chosen by the Lheidli T'enneh First Nation to deploy its Super WiFi solution that has bridged this connectivity gap and brought internet access to the community members.



**Location:** across the country of Indonesia

Altai's products have now been installed in 23 towers at different locations of Indonesia where the people could not afford cellular coverage; 3 of them are located in remote areas that conventional BTS is totally out of reach.

Altai's technology has been endorsed by both The Minister of Communication and Information and the Head of BAKTI.

Contact Altai by Email → [info@altaitechnologies.com](mailto:info@altaitechnologies.com)

Please join our forum today! → [facebook.com/groups/652109398848119](https://facebook.com/groups/652109398848119)

**Follow Altai on social media!**



[facebook.com/altai.technologies/](https://facebook.com/altai.technologies/)



[linkedin.com/company/31040932/](https://linkedin.com/company/31040932/)

