



Overview

The Ministry of Communication and Information Technology of the Republic of Indonesia has deployed Altai Super WiFi solution in three schools of remote villages in Indonesia: Komba City District, East Manggarai Regency and East Nusa Tenggara.

The schools had faced difficulty in holding digital-based school exams due to poor internet network. After understanding their needs, the Minister of Communication and Information, Johnny G Plate quickly responded to the issue and worked with Telecommunication and Information Accessibility Agency (BAKTI) to deploy an Altai Super WiFi network in a remarkably short time. In the deployment, only one Altai Super WiFi base station is needed for each school to provide a reliable and robust wireless connectivity, covering up to 500m in radius.

The Wi-Fi networks built for the schools have not only benefited the schools but also provided internet access to the surrounding communities. The students and local residents are thankful to the Indonesia government for understanding their needs and bringing them wireless broadband connectivity.

Customer Name:

The Ministry of Communication and Information Technology of Indonesia / Telecommunication and Information Accessibility Agency (BAKTI), DTP (distributor)

Deployment Location:

Komba City District, East Manggarai Regency, East Nusa Tenggara, Indonesia

Application:

Wi-Fi broadband coverage for remote and rural areas

Products used:

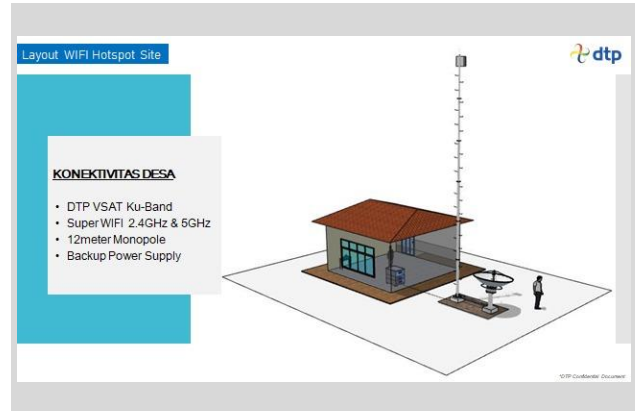
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Result:

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The Challenges

- Scalability issue because different coverage requirement and topology of villages would require different deployment setup of standard AP
- High cost and high risk of transporting and installing access point equipment due to remoteness of each village



The Solution

Altai A8in Super WiFi base station with fully integrated antenna was selected to cover up to 1km diameter at a single point of installation

A student, Firmania Nadia Damdau, said that the internet connection powered by Altai at the school was very fast after the facility was established. "My friends and I are using Android phones today; the Wi-Fi connection is very fast. My friends and I have tested it today and the resulting Wi-Fi connection is very fast."

Altai Super WiFi is proud to be selected by BAKTI to bridge the digital divide in the country.

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About Altai

Altai Technologies is a leading supplier of carrier-grade Wi-Fi products and technologies with a distribution network reaching 100 countries. Altai Super WiFi is the leading solution for vertical industrial markets, covering over 200 container ports, manufacturing plants and warehouses globally.

The Altai Super WiFi Solution includes a complete portfolio of indoor and outdoor products for carriers, WISPs, and enterprises to support a wide range of applications such as mobile data off load, public access, WLAN access, and backhaul.

Utilizing patented smart antenna technology, as well as a cloud-based management system called AltaiCare, the Altai Super WiFi Solution is designed from the ground up to deliver Wi-Fi networks that have unprecedented performance, reliability, scalability, and manageability.

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