



MALAYSIAN COMMUNICATION AND MULTIMEDIA COMMISSION (MCMC) : KAMPUNG TANPA WAYAR (KTW)

Overview

- Vertical / Sector:
Communications
- User Profile:
Malaysian Communication and Multimedia Commission (MCMC) an agency under Ministry of Communication and Multimedia

Problem Statement

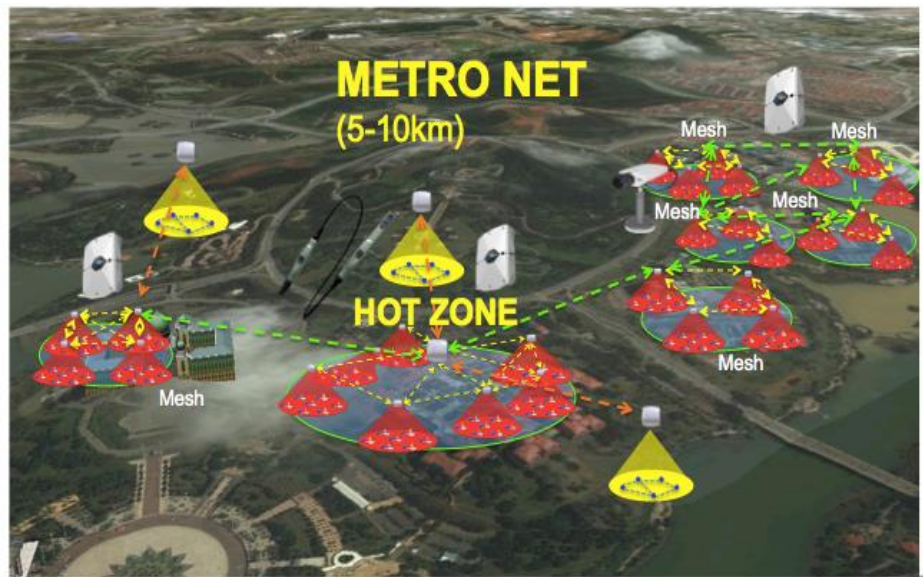
MCMC faced critical challenges in:

- A reliable last-mile connectivity in rural areas
- Providing a high bandwidth wireless internet access
- Adaptation of rural harsh outdoor environmental condition (i.e. lightning strike)
- Optimum wireless internet coverage surrounding the main internet backhaul gateway located at Community Broadband Centres (CBC)

Description

Kampung Tanpa Wayar (KTW) is an effort to accelerate broadband take-up and bring the benefits of broadband to the rakyat and to bridge the digital divide between rural and urban communities. The Government, through MCMC, has set up Community Broadband Centers (CBC) with a wider wireless broadband coverage to provide collective community Internet access to underserved areas identified under the Universal Service Provision (USP) programme.

Solution Framework



Technology platform

- Mi-WiWi Mesh with a dual radio access to cater for a higher bandwidth of a wireless internet access.
- Mi-WiWi PtP to cater for long range backhaul extension up to 10km

Solution Description

MIMOS Mi-WiWi provides a cost effective solution for the wireless internet access for rural coverage.

Mi-WiWi dual radio mesh enables an efficient larger wireless coverage with minimum backhaul bandwidth gateway.

Mi-WiWi product solution range enables wireless internet access and coverage for community, municipal and metronet areas.

Features

- Wireless or Wired Backhaul and wireless access in a single box
- Access WiFi 802.11 b/g/n (3x3) Radio up to 300Mbps WiFi access
- Outdoor application IP65 to cater for robust environment

Benefits

Mi-WiWi enables a flexible deployment and cost effective solution for the internet broadband infrastructure in rural and sub-urban areas.



MIMOS

MIMOS
TECHNOLOGY
SOLUTIONS

MIMOS Technology Solution Sdn Bhd (formerly known as Frontier Novatur Sdn Bhd "FNSB") is a wholly owned subsidiary and commercial arm of MIMOS Berhad. It was established on 17th August 2011. Its goal is to generate new technology ventures through innovation, investment and transfer of technology. MIMOS, as Malaysia's premier applied research and development institute, provides the technology, the expertise and the experience that MTSSB taps upon in order to achieve its goal.

MIMOS Technology Solutions Sdn Bhd (957459-K)

Technology Park Malaysia
57000 Kuala Lumpur

Tel: +603-8996 5000 | Fax: +603-8996 0254 | url: www.mimossolutions.my