

ALLIED DIGITAL INONET BERHAD & AIDAASTM BACKGROUND

ABOUT ALLIED DIGITAL INFONET BERHAD

Based in Malaysia and incorporated in 2005, Allied Digital Infonet Berhad (718859-T) is an innovative wireless solutions provider of the proprietary and patented AIDAASTM technology. Allied Digital Infonet Berhad manufactures the complete AIDAASTM system from the central station to the CPE. AIDAASTM was developed by Allied Digital Infonet Berhad together with its Ukranian partners.

Allied Digital's company tagline is "Reinventing Institutions", and plans to achieve that goal through the AIDAASTM technology, by promoting intellectual development through last mile connectivity which gives access to knowledge and information to underserved communities and supports home grown research and development.

ABOUT AIDAAS[™]

AIDAAS[™] is an innovative wireless broadband delivery system that completes existing technology – offering a broader range of applications, with wider reach, capacity and speed.

OBJECTIVE OF AIDAAS[™]

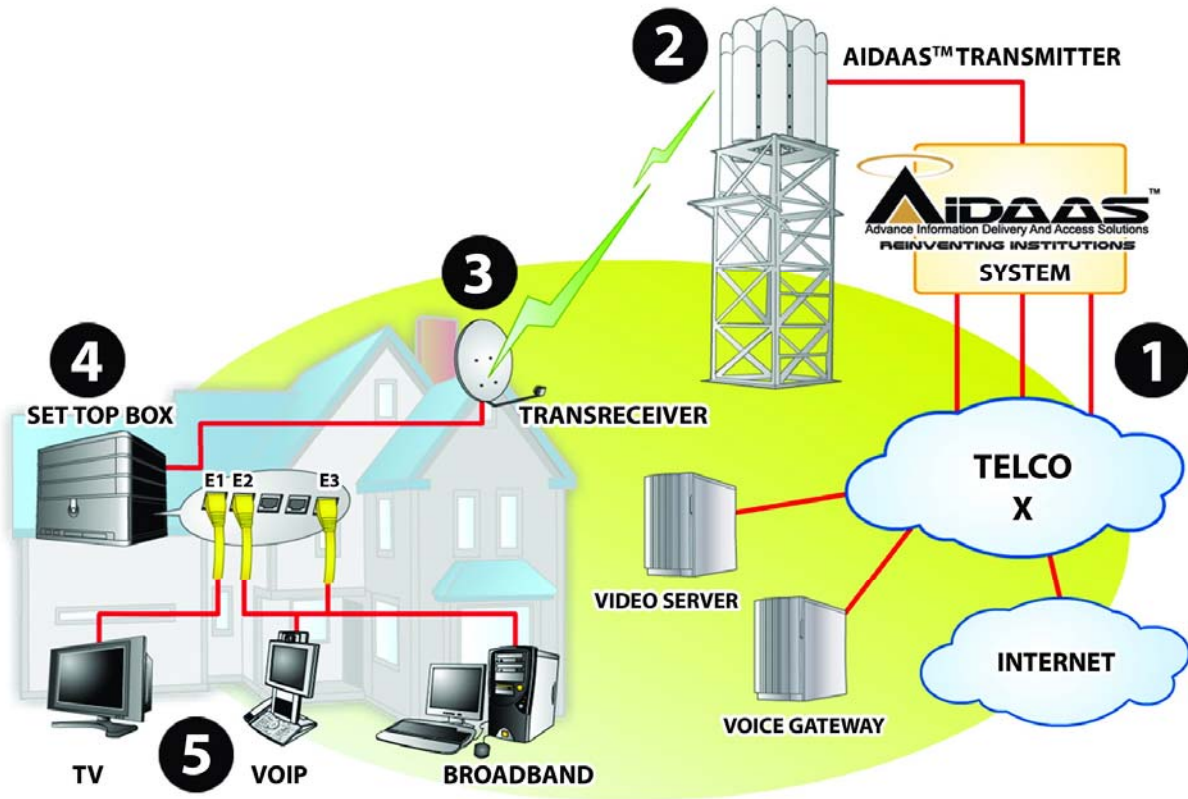
The objective of AIDAAS[™] technology is to:

- Complement and improve the existing wired and wireless technologies in areas such as: speed, capacity and reaching the end user.
- Provide a fast-deployment wireless solution
- Provide an environmentally friendly solution
- Reinvent Institutions by providing a last-mile solution
- Promote intellectual and knowledge growth

AIDAAS AT A GLANCE

- **Wireless** : wireless broadband solution revolving around satellite-based technology (Ku-band spectrum) transmitted terrestrially
- **Speed** : capable to provide up to 30Mb per second (Mbps) bandwidth speed per user
- **Far Reach** : each base station covers a radius up to 40km
- **Environmental friendly** : transmitting power below 1 Watt
- **Stability** : uninterrupted services during heavy downpour (~65mm)
- **Multi-service** : all-in-one service; broadband Internet, VoIP, Video conferencing, IPTV, eCommerce & surveillance

HOW AIDAAS WORKS



[* the numbering in the text corresponds to the numbering in the diagram. Please refer]

- (1) The AIDAAS™ transmitter is connected to the Telcos network, and transmits the data from the internet through the AIDAAS™ proprietary antenna (2).
- (2) The AIDAAS™ antenna re-transmits the data using the KU-band spectrum terrestrially (or in other words 'wirelessly')
- (3) Data is received in your homes/offices via an antenna dish which also reverts the data back to the telco's network
- (4) The dish is connected to the set-up box, which is wired to your appliances (5)

COMPONENTS

1. Central Station



The central station ***which is cabled to the Telco's network*** has a capacity to ***transmit and receive data*** of up to 2 Giga bit per second (Gbps), and within a radius up to 40km. It is uniquely designed to overcome rain attenuation and transmit data with less than 1Watt, which makes it environmentally friendlier than existing wireless technologies.

2. Customer Premises Equipment (CPE)



Antenna dish with transceiver



AIDAASTM Set Top Box

The CPE which comprises of an antenna dish and a set top box can receive up to 30 Mbps throughput, which essentially means that the maximum bandwidth or amount of data you can receive is 30 Mbps. The Set Top Box (STB) can be connected to any IT appliances with a normal network cable; as illustrated below. The STB is designed to have the capability to relay the information back to the Central Station wirelessly.



Allied Digital Infonet Berhad & AIDAASTM Backgrounder



Field Testing at Ukraine



Success of Natural Test in Ukraine. Director of Allied Digital (right) shaking hands with Ukrainian lead researcher



Test equipment briefing by Ukrainian partners



Technical discussion with Ukrainian partners.

List of Applications

- Broadband Internet – 30Mbps maximum per user
- Voice over IP (VoIP) – virtually free and crystal-clear calls
- Video Conferencing – lag free live video streaming
- IPTV – high-definition of digital content
- eCommerce – interactive business applications (i.e. fast food, movie tickets, stocks, eMall)
- Surveillance – live-feed captured from CCTV (i.e. security, traffic, weather)