



## **For Immediate Release**

### **MIMOS WiWi TECHNOLOGY PLATFORM READY FOR NATIONWIDE COMMERCIALISATION**

*The world's first WiMAX and WiFi hybrid solution  
designed as last mile broadband connectivity as an to accelerate Malaysia's  
WiMAX Ecosystem*

**KUALA LUMPUR, 13 AUGUST 2009** – MIMOS, the premier applied research centre in frontier technologies, today announced that its WiWi Technology Platform – the world's first hybrid WiFi and WiMAX solution which operates on 2.3 GHz frequency designed as an alternative for last mile broadband connectivity to accelerate Malaysia's broadband ecosystem – is ready for nationwide commercialisation.

"This is in line with MIMOS current focus on the process of technology transfer for commercialisation aimed at creating a funnel of innovations to push our indigenous industries to the global market," said MIMOS President and Chief Executive, Dato' Abdul Wahab Abdullah.

In conjunction with the launch of MIMOS WiWi Technology Platform today, MIMOS exchanged collaboration agreements with three WiMAX operators namely REDtone International Berhad, Packet One Networks (Malaysia) Sdn Bhd (P1) and Asiaspace Sdn Bhd.

Under the collaboration agreement, the three WiMAX operators will

- Promote the sustainable growth of information and communications technology (ICT) through broadband technology such as WiMAX;
- Promote the potential of the broadband technology in transforming societies, in line with the Government's broadband vision;

- Develop ICT- solutions that will enable affordable access to information to support the national agenda and aspirations; and
- MIMOS WiWi Technology Platforms to be deployed at their existing sites

CEEDTec Sdn Bhd, MIMOS' first WiWi technology platform recipient and has received an order of 100,000 units of WiWi technology platform-based units, was presented with a special recognition award from MIMOS.

"MIMOS WiWi Technology Platform having found a place in the market place is a demonstration of the success of MIMOS' technology platforms. With our technology platforms that cut across all industry verticals, MIMOS is well positioned to realize our ultimate goal of driving technology from a tool to an enabler and subsequently as a sector," Dato' Wahab.

MIMOS WiWi Technology Platform was launched by Minister of Science, Technology and Innovation, Datuk Dr Maximus Ongkili.

### **MIMOS WiWi Technology Platform**

With low cost of deployment advantage, MIMOS WiWi Technology Platform can be further developed as a solution to bridge the digital divide.

Towards this end, MIMOS WiWi Technology Platform is expected to be part of the national roll-out of the Broadband for General Population (BBGP) initiative which is in line with the national broadband target of 50% household penetration by 2010.

"Designed as an alternative for last mile connectivity, MIMOS WiWi is an environmentally-friendly plug-and-play instant broadband hotspot technology platform which is the ideal solution for cheaper and more affordable connectivity per user. As it provides multiple PC connections using existing WiFi connectivity but with broadband speeds it can provide fixed, portable and mobile wireless broadband available to all Malaysians," said Dato' Wahab.

MIMOS WiWi Technology Platform can be further developed into applications for enabling broadband Internet connectivity in a community-type environment or rural areas. With Internet Protocol version 6 (IPv6) data access, it can provide cheaper calls

via Voice over IP (VoIP) between users; and with patented multicasting capability it can provide efficient and high quality IPTV without the need for investments in bigger transmission links.

MIMOS WiWi technology platform has a high capacity access network architecture which offers a hybrid network approach to support any compatible off-the-shelf WiMAX or even any other technologies such as Asymmetric digital subscriber line (ADSL), WiFi, High-Speed Downlink Packet Access (HSDPA) as the backhaul and WiFi (access) module.

The unique approach offers service providers significant reduction in operating expenses (OPEX) and capital expenditure (CAPEX) whilst maintaining high degree of interoperability without compromising performance. As such, local system integrators will be able to offer broadband services to consumers and enterprise segment such as hotels, universities, hot spots and convention centres.

To date, of the total 263 patents filed in MIMOS, three are for MIMOS WiWi technology platform. MIMOS currently has more than 670 patent disclosures.

MIMOS WiWi was also recently awarded the Malaysia Good Design Mark Awards 2008 for the best designs and quality in the media and home electronics products category.

Through the development and transfer of technology platforms that cut across all verticals, MIMOS is assisting indigenous industries increase its competitiveness by minimizing their initial research and development (R&D) cost.

MIMOS technology platforms are a basis upon which technology recipients are to further develop the technology platforms into applications and solutions to serve each individual market vertical they are currently serving.

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**Note-to-Editor**

*MIMOS is known as MIMOS and not Malaysian Institute of Microelectronic Systems.*

**About MIMOS**

MIMOS is the premier applied research centre in frontier technologies aimed at growing globally competitive indigenous industries. MIMOS pursues exploratory and industry-driven applied research through multi-stakeholder smart partnerships with local and international universities, research institutes and industries and the Malaysia Government with a focus on frontier technologies. MIMOS' applied research / technology areas are refined into six (6) technology clusters - Knowledge Grid, Knowledge Technology, Information Security, Wireless Communications, MEMS, and Advanced Informatics.

MIMOS' focus is on driving globally recognized Centres of Excellence to promote and license MIMOS technologies or IPs to qualified indigenous ICT companies to strengthen their abilities to compete globally and move Malaysian ICT industry higher up the value chain.

MIMOS is the recipient of two (2) National Intellectual Property Award 2009 under the 'Trademark' and 'Industrial Design Award' categories and three (3) Malaysia Good Design Mark Awards 2008 under the 'Media and Home Electronics' category. The organisation also won the Asia HRD Congress 2008 Award under the 'Contribution to the Organisation' category for outstanding contribution to the field of Human Resource Development and the Frost & Sullivan's Growth Excellence Award 2007 for Industry Innovation & Advancement (Precision Agriculture) for its application and development of Micro Electro Mechanical System (MEMS) in the field of precision agriculture.

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