



a strategic agency under  
**mosti**

# MIMOS **FOCUS**

FOCUSING IN, REACHING OUT

## iDOLA makes appearance at **Digital Pekan**



MIMOS' affordable portable computer, the iDOLA, became one of the attractions at the Digital Pekan 1 Malaysia exhibition on January 30.

> Story on page 2

## iDOLA Malaysia computer



MIMOS has come up with Version 2 of its portable PC, the iDOLA, which brings information from the Internet directly to the user with just a single click.

> Story on page 10



## Values run high at **SATRIA1 Convention**

The Second SATRIA1 Convention was held at Institut Integriti Malaysia (IIM) in Kuala Lumpur, on 25 January. The convention was officially opened by Minister of Science, Technology and Innovation Datuk Seri Dr Maximus Ongkili.

> Story on page 8

MIMOS BERHAD NEWSLETTER  
PP 9851/10/2007

MIMOS' Wi-Fi at  
Amax City

4



MIMOS bags two  
gold and three  
silvers at ITEX 2010

5



93 caring MIMOSians  
give blood

6





*INTERNET FOR ALL... Najib listening to Abd Wahab's brief on the iDOLA while Rais looks on.*

# iDOLA

makes appearance at

## Digital Pekan

MIMOS' affordable portable computer, the iDOLA, became one of the attractions at the Digital Pekan 1Malaysia exhibition on January 30. The latest version of the home-grown computer was unveiled in Kuala Lumpur four days earlier. Prime Minister Datuk Seri Najib Tun Razak visited the MIMOS booth at the exhibition and was briefed on the computer as well as on other MIMOS projects by President and CEO Dato' Abd Wahab Abdullah. Also present were Minister of Information Communication and Culture Datuk Seri Dr Rais Yatim and Pahang Menteri Besar Datuk Seri Adnan Yaakob.

Affordable and user friendly, the iDOLA is a symbol of the Government's commitment to incorporate ICT under the digital district strategy in conjunction with the 1Malaysia ideals. Speaking to reporters after launching the exhibition earlier, Najib said the government was implementing various strategies to increase broadband and ICT services in efforts to instil an ICT culture and narrow the digital gap among Malaysians. Everyone, everywhere should and will be able to enjoy the benefits of ICT and broadband so that Malaysia can move towards becoming a high income nation, he said.

## MIMOS-UTM Centre of Excellence to drive Malaysia's transition to UNS

MIMOS and Universiti Teknologi Malaysia (UTM) on 21 January launched their Centre of Excellence (CoE) in Telecommunication Technology at UTM's Faculty of Electrical Engineering in Skudai, Johor. The move was seen as an effort to strengthen the nation's R&D in the telecommunications field towards a Ubiquitous Network Society (UNS). It is also aimed at enhancing the competitiveness of Johor's ICT industry.

Leveraging on UTM's more than 20 years of expertise and experience in the areas of telecommunications technology, the CoE will create new ICT job opportunities and enhance the capacity and domain expert competency development of the local people within Iskandar Malaysia in line with MIMOS' human capital development efforts. The MIMOS-UTM collaboration will result in the transfer of knowledge and expertise and promote research activities with the ultimate aim of producing cost-effective base technology platforms which the indigenous industries can further develop into products and services to meet market demands.

It will further boost the university's research and innovation initiative as a leading academic and research institution in



*STRATEGIC COLLABORATION... From left: MIMOS Chairman Dato' Suriah Abdul Rahman, Deputy Minister of Science, Technology and Innovation Tuan Hj Fadillah Yusof, MIMOS CEO Dato' Abd Wahab Abdullah and UTM Vice-Chancellor Prof Dato' Ir. Dr. Zaini Ujang at the MIMOS-UTM CoE launching ceremony.*

Iskandar region. The establishment of the CoE followed a Memorandum of Agreement signed in January 2009 for R&D collaboration on Internet Protocol version 6 Low Powered Personal Area Networks (6LoWPAN), IP Multimedia Sub System (IMS), WiMAX, 4G, Ultra Wide Band (UWB), Antenna Technology as well as Radio and Microwave.



# Lively, across-the-board communication at **MIMOS Townhall**

The MIMOS Q1 Townhall assembly held on Tuesday April 13 witnessed some excellent exchange of viewpoints, knowledge and experiences. For solid three hours, MIMOSians listened, then responded and voiced out their thoughts, some profound, some light and can sound funny, but all were in the good name of organisational communication.

The session was held simultaneously at the MIMOS Auditorium, Seminar Room 1 & 2 and MIMOS KHTP via video conferencing. For the first time, this Townhall session was hosted by Corporate Human Resource.

CEO Dato' Abd Wahab Abdullah set the morning off with some inspiring observation on the first three months of the year. Later, he took on a more forceful tone by laying down a RM1 billion target in revenue for MIMOS' technology partners, in the form of purchase orders in-hand by December 2010.



*AIMING HIGH... Abd Wahab heating up the Townhall with his exuberant speech and infectious determination.*



*HIGH ACHIEVERS... Abd Wahab presenting the Six Sigma Green Belt Certification to Mohamed Rawidean Mohd Kassim and acknowledgement for Intellectual Property to Choong Soo Li respectively.*

At the session, MIMOSians also heard the latest updates on key achievements, changes in the organisational structure and directions, corporate happenings and people activities.

There were also proud moments as we celebrated the accomplishments attained in the Intellectual Properties department. SATRIA1 ambassadors and Six Sigma achievers were also fittingly acknowledged.

*INTERFACE... The Townhall provides MIMOSians with an open communication channel to raise concerns that may affect their daily work.*

This Townhall session also saw a new segment being introduced, simply called “Ask the SLT”. The segment allowed employees to ask the Senior Leadership Team on issues such as company growth, future direction and the like, or even anything related to life at MIMOS.

Based on an employee survey, MIMOSians generally liked this new segment as it provided a platform to raise their concerns that may affect their daily work and future planning.

Without a doubt, the Townhall is an important avenue for across-the-board interaction among the whole team in MIMOS. It's a quarterly affair that all MIMOSians can't afford to miss.





## SIRIM set to widen services with **WiMAX lab @ MIMOS**

SIRIM is a step closer to offering WiMAX certification with the handing over of a WiMAX laboratory from MIMOS Berhad to SIRIM QAS International Sdn Bhd at the MIMOS campus in Technology Park Malaysia. In a simple handing over ceremony held on April 30 at the lab, which is located at MIMOS, SIRIM QAS International Managing Director Khalidah Mustafa received a mock key from MIMOS Head of Wireless Communications Cluster Dr Mazlan Abbas. The handing over took place one year after MIMOS' proposal to provide SIRIM Berhad with a WiMAX certified laboratory.

SIRIM QAS International is a subsidiary of SIRIM Berhad, an agency under the Ministry of Science, Technology and Innovation. Under the agreement with MIMOS signed in 2009, SIRIM was offered to make use of the testing facilities at MIMOS for a minimum period of three years. The company was also given full accessibility of the lab to ensure compliance with ISO/ IEC 17025.

Dr Mazlan said that as the subscriber base for WiMAX services operators grow, stable and continuous WiMAX ecosystem become critical. "The handing over of the lab is another step forward in the long-standing relationship between MIMOS and SIRIM QAS in building the Wireless Broadband eco-system, specifically the WiMAX eco-system, in Malaysia and the region," he said.

MIMOS, in collaboration with Agilent Technologies had acquired all the necessary know-how in terms of operation, technical documentation and training and other aspects required to operate the lab and its facilities, he said.

Khalidah said that the lab would enable SIRIM to further widen their range of services to the telecommunications sector. She said that SIRIM QAS International hoped to be accredited by Standards Malaysia and be designated as a WiMAX Forum Designated Certification Laboratory (WFDCL) soon. When certified by WiMAX Forum, the lab will be the seventh in the world and first in Southeast Asia.

Khalidah said that the establishment of a WFDCL in Malaysia would further spur the development and growth of ICT in Malaysia apart from supporting the government's National Broadband Initiative to foster economic progress through the establishment of a knowledge-based economy.

MIMOS started the WiMAX programme some time in 2007 with the development of WiMAX Chipset (Wave 1 and Wave 2) which later evolved into WiMAX customer premises equipment (CPE). The WiMAX CPE has since been transferred to its technology recipients. MIMOS is presently enhancing further the CPE, as well as embarking on the Base Station and Core Network.



*WELL CONNECTED CITY... Rais given a brief on the WiWi Customer Premise Equipment by Pernec Managing Director, Abd Karim Abd Sallam at the Amax City launch ceremony. Also present, MIMOS CEO Dato' Abd Wahab Abdullah. Pernec is MIMOS' Technology Recipient that will provide WiWi Access Point for the virtual city.*

## MIMOS' WiWi at Amax City

"Amax City", the first virtual city within Technology Park Malaysia (TPM) was launched on 23 February by Information Communication and Culture Minister Datuk Seri Dr Rais Yatim. Undertaken by Asiaspace Wimax Sdn Bhd, the project introduced the MIMOS WiWi technology platform – the world's first hybrid solution that integrates WiMAX and Wi-Fi technologies.

The launch also marked the official commencement of a tripartite collaboration between Asiaspace Wimax, MIMOS and TPM. The virtual city allows unlimited online access to services and facilities through a convenient Internet gateway. Users will enjoy the facilities provided within the coverage zone, which is over 700 hectares. Amax City operates on a 2.3 Gigahertz frequency and is designed as an alternative for last-mile connectivity. Rais said the development and use of innovative technology will propel the country into the next digital generation and for a betterment of life.



# MIMOS bags two golds and three silvers at ITEX 2010

MIMOS participated in the prestigious International Invention, Innovation and Technology Exhibition (ITEX) 2010, which was held at the Kuala Lumpur Convention Centre from 14 to 16 May. At the end of the event, MIMOS took home five awards – two gold and three silver. MIMOS won gold in the Materials category with “Self Aligned Nanowires”, invented by Dr. Daniel Bien Chia Sheng, Rahimah Mohd Saman and Siti Aishah Badaruddin. The other gold was secured in the Environmental and Renewable Energy category by the team comprising ASM Mukhter-uz-Zaman, Prof Dr Masuri Othman, Prof Dr Wan Jeffrey Basirun and Dr Pozi Milow with their invention, “Energy Harvester”.

The silvers were won in the Telecommunications, Wireless and Chemical categories, respectively. The team comprising Shariq Haseeb, Muhammad Faheem, Mohd Ariff, Gopinath Rao, Dr Mazlan Abbas, Kamal Bahrin, Sridhar Zivanand and Aus M Sulaiman won the silver through their invention “Advanced Mobile Multicast Platform”; Gopinath Rao, Zeldi Suryadi, Usman Sarwar, Reza Khoshdelniat, Shariq Haseeb,



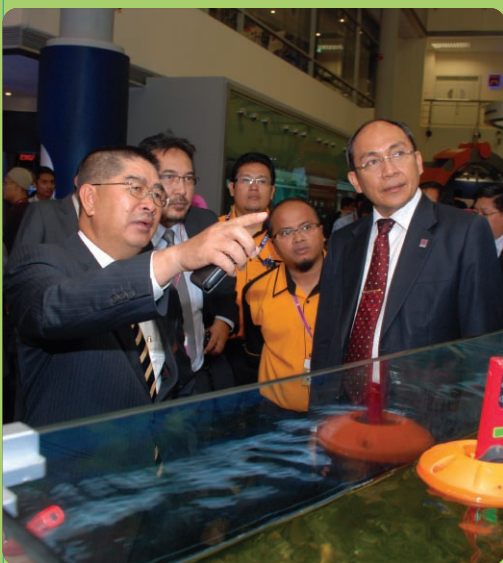
*OUTSTANDING... ASM Mukhter-uz-Zaman (second from left) and Dr. Daniel Bien Chia Sheng (second from right) with their gold medals.*

Mohd Ariff Abdullah, Md Nor Izlan, Aus M Sulaiman and Dr. Gopakumar through “6loWPAN Gateway” while MEMS’ duo Dr Mohd Rais Ahmad and Dr Sagir Alva won through their “Metal-Air Cell”.

**ITEX is the region’s leading event that showcases technological and product innovations targeted at securing investment, manufacturing and commercialisation prospects and partners.**

The exhibition also functions as an international platform to promote and enhance the development and utilisation of inventions and designs. ITEX 2010 brought together inventors and researchers from higher learning and research institutions as well as individual inventors and the corporate sector of Asia and Europe. Organised by The Malaysian Invention and Design Society (MINDS), ITEX is held annually since 1989.

Congratulations to all winners, and let’s look forward to see even more of award-winning MIMOS innovations in international competitions in the future.



*INNOVATION STRATEGY... Maximus making a remark while being taken on a tour at MIMOS K-World during the Roadmap Technology Review. With him is MIMOS CEO Dato' Abd Wahab Abdullah*

## Minister among stakeholders briefed at RMTR series

Science, Technology and Innovation Minister Datuk Seri Maximus Ongkili made a one-day visit to MIMOS at Technology Park Malaysia, Kuala Lumpur on 12 April. The visit was part of a series of Roadmap Technology Review (RMTR) dedicated for various stakeholder groups. The event, which included a tour to JARING apart from MIMOS’ K-World, was aimed at showcasing MIMOS technology platforms to MIMOS stakeholders.

The minister and his delegates from MOSTI were given a presentation on the status of our latest R&D activities, future technology roadmap and a detailed account of MIMOS technology pipeline. From January to June 2010, MIMOS had organised more than 10 RMTR sessions including those for government leaders and agencies, state government agencies, universities and the media. Among technologies showcased were Information Security, Grid Computing, Wireless Communications, Knowledge Technology and Environ-Nano Fabrication.



## 93 caring MIMOSians give blood

A blood donation campaign was held on 16 March at MIMOS Technology Park where more than one hundred gallant MIMOSians queued up to give their blood at Seminar Room 1 and 2 from 10.00am to 4.00pm.

The event was one of the programmes organised by Corporate Human Resources (CHR) on employee engagement. Through the campaign, MIMOSians demonstrated their commitment to the betterment of society, and that they do care about saving the lives of others.

Aimed at helping the National Blood Centre to increase the level of their blood reserve, the campaign had earlier attracted some 120 people but only 93 were qualified to donate on the campaign day. According to CHR statistics of the activity, 27 percent of the donors were female. Forty percent of all donors were “frequent donors”, while 25 percent were first timers.



*GIFT OF LIFE... Life at MIMOS is not only about research labs and high technology. In a show of true compassion and altruism, 93 MIMOSians donate their blood to the National Heart Centre.*

## MIMOS little sports perk up the day



A total of 70 children from Tadika MIMOS competed in fun games and competitions at the kindergarten's Annual Telematch held at Kompleks 3K, Seri Kembangan on 10 April. The atmosphere at the venue was filled with festivity as parents and family members cheered and applauded for their little champions.

The children, who were divided into two teams; Mickey Mouse and Donald Duck, took part in various interesting games, some of which with their parents' participation. Many of the



*YOUNG LEADERS... Cheers, laughter, and cute display of sporting spirit rule the day as children with colourful pom-poms and adorable antics lead the merry making at Tadika MIMOS' Annual Telematch.*

events were challenging even for adults, but one thing for sure, everyone had good, healthy fun. From the teamwork and fighting spirit displayed, some Leadership Core Values of SATRIA1 may have been instilled as well, to a certain extent!

At the end of the affair, Donald Duck team emerged overall champions and took home baskets of prizes.



## Tambunan's St Martin first to receive **K-School Project**

K-School, a programme of the Ministry of Science, Technology and Innovation to improve education delivery and school administration through ICT-based systems and tools, saw its pilot implementation in Sabah at SM St Martin, Tambunan, on 27 June. A brainchild of minister Datuk Dr Maximus Ongkili, the programme is being spearheaded by MIMOS.

Sabah Deputy Chief Minister who is also the state Infrastructure Development Minister, Datuk Seri Joseph Pairin Kitingan, who launched the programme at the school said that the project would give students especially in the rural areas



*ENHANCED LEARNING... Pairin (second from left) taking a look at some of the ICT facilities available after launching the K-School programme at SM St Martin, Tambunan.*

the chance to enjoy the ICT facilities and gain benefit from the science and technology progress. Under the programme, SM St Martin would receive 17 computers, three printers and Wi-Fi network facilities to allow wireless Internet access in all classrooms.

The K-School programme provides parents with access to their children's academic performance such as exam results and other records such as attendance. The programme also enables students who cannot physically attend classes to access the classroom sessions through real-time online interface.

## Community projects delivered as MOSTI taps into agencies' strengths

Apart from the more popular K-Wheels, two more projects spearheaded by MIMOS under MOSTI's Technology Applications Programme (TAPMOSTI@Community) are K-Masjid and K-School. For both projects, MIMOS plays the role of technology and expertise provider as well as project manager, including assisting in fund application and budget coordination.

### **K Masjid - more than installing computers at the mosque**

The project is aimed at building the capacity of the Muslim communities, especially those in the rural areas, by equipping targeted mosques with ICT facilities. Through this project, information and knowledge including Friday sermons and daily lectures from the mosque can reach every home in the community using custom-designed software and other web communications tools. One project has been implemented in Sarawak while another 28 projects throughout the country are following suit. The programme comprises three components; namely a K-Masjid Portal, a K-Centre and an e-Khutbah (sermon). It is envisioned, in the long term, that the K-Masjid project will be the platform to link up all the mosques in the country, creating a virtual network of mosques that will not only be reinforced spiritually but also empowered to upgrade their socio-economic level.

### **K-School - towards more effective teaching and learning**

Monitoring student's performance will no longer be a difficult task for parents with the K-School project. The project provides parents with real-time access to their children's academic performance indicators such as exam results and other records such as attendance. This project seeks to improve education delivery and school administration through ICT-based systems and tools, enabling the teachers to focus more on their role as educators. Ultimately this project aims to ensure Malaysia's long-term competitiveness in the K-economy. K-School project has been implemented at SM St Martin, Tambunan in Sabah, on 27 June with 12 more in the pipeline to be implemented throughout Malaysia.



*WAY TO GO...Students of SM St Martin, Tambunan, showing that they are pleased with their brand new ICT facilities.*

# SATRIA1

## Values run high at **SATRIA1 Convention**



*INNOVATION LEADERSHIP... “What is the relationship between MIMOS, championing microelectronics for our nation and ethics, transparency, integrity and ultimately values?” Maximus asks, among other questions, early in his speech. At the end of the SATRIA1 Convention, all answers to the questions were revealed, and MIMOSians went home with refreshed spirits and vivid clarity of their shared set of values.*

The Second SATRIA1 Convention was held at Institut Integriti Malaysia (IIM) in Kuala Lumpur, on 25 January. The convention was officially opened by Minister of Science, Technology and Innovation Datuk Seri Dr Maximus Ongkili. Also present were IIM Chairman Tan Sri Mohd Sidek Hassan, MIMOS Chairman Dato’ Suriah Abdul Rahman and MIMOS President and CEO Dato’ Abd Wahab Abdullah.

The convention was also attended by officials from MOSTI including corporations under the ministry, partners of IIM, MIMOS collaboration partners, Ministry of Finance and Khazanah Nasional. The MIMOS internal audience comprised members of the Board, senior leadership team, extended senior leadership team, heads of departments, the SATRIA1 Action Team (SAT), SATRIA1 ambassadors and a line up of employees selected by the heads of departments and SATs.

The convention was held to celebrate the success of MIMOS as a value-based organisation moving towards high performance organisation that impacts the people. It was also aimed at instilling the awareness of, and the need to embrace ethics and values by showcasing the initiatives of those who have successfully translated SATRIA1 values into everyday behaviour.

Three clusters/divisions that have come up with successful initiatives in translating the SATRIA1 values into everyday

behaviour were presented with awards: SDCE’s team Satria Knights clinched first place, the Advanced Informatics team won second place while the team from Technology Portfolio Management came third.

In his speech, Mohd Sidek declared MIMOS as one of the earliest government-owned corporation that worked actively with IIM in building an organisation that won on the principles of integrity. He congratulated Abdul Wahab for the SATRIA1 Core Leadership Value as “it has great strides towards the amalgamation of Malaysia’s vision for a transparent and accountable society”.

Meanwhile, Maximus said that with an abundance of examples, it was an appropriate, timely and highly relevant to dwell on ethics, transparency, integrity and values. These values were the cement that safeguards and sustains our social fabrics, he said.

**Maximus urged the audience to value values “that makes our technical skills and intellectual prowess so much more elevated and so much more highly esteemed”.**

Values provide the other half, sometimes missing (elements) from our day-to-day interactions, thus making us really smart, Maximus said.



*HERE'S TO A GREAT CONVENTION... MIMOS Chairman Dato' Suriah Abdul Rahman sharing her thoughts at the start of the Convention.*

*EXEMPLARY... The winning teams: SDCE's Satria Knights, Advanced Informatics and Technology Portfolio Management. Their cheerful faces reflect the achievements in translating the SATRIA1 values into their everyday behaviour.*



## SATRIA1: Moving Forward

The Second SATRIA1 Convention marked the achievement of a key milestone. It showed that MIMOSians have realised that the SATRIA1 values are the bedrock on which high performance is to be built. The next phase of the SATRIA1 programme will now leverage on this realisation to build a culture of sustainable innovation. This is very much in line with the government's New Economic Model and the recently-tabled 10th Malaysia Plan.

In this new phase of the SATRIA1 implementation programme, a MIMOS Innovation Roadmap guided by the SATRIA1 values will be unveiled. Among the key features that are being evaluated for incorporation in the roadmap are a focus on innovation-promoting behaviours based on SATRIA1, making innovation a systematic process, appointing a member of the top leadership team to champion innovation, and a host of measures aimed at long-term institutionalisation.



*ENERGETIC... The audience were entertained by a lively performance by MIMOSians, symbolising the shared values and their application in the daily behaviour at work.*

*OUTSTANDING... Maximus presenting the award to SDCE's Mohamed Redzuan Abdullah. Also present on stage, MIMOS Chairman Dato' Suriah Abdul Rahman.*

*VIP TABLE... Suriah, Maximus and Mohd Sidek having a pre-dinner conversation before the launch of the Convention. Their presence represent a high recognition of MIMOS SATRIA1 programme.*

# iDOLA<sup>1</sup> Malaysia computer



MIMOS has come up with Version 2 of its portable PC, the iDOLA, which brings information from the Internet directly to the user with just a single click. A launching ceremony was held on 27 January at the Information, Communication Culture and Arts Ministry, graced by minister Datuk Seri Dr Rais Yatim. Also present was Science, Technology and Innovation (MOSTI) Minister Datuk Dr Maximus Ongkili.

Dubbed the “*komputer rakyat 1Malaysia*”, the iDOLA portable PC has not been given a price tag yet but sources at MOSTI had said that if orders exceed 1000 units, the price could be as low as RM900 per unit. The iDOLA comes with MIMOS-developed *Jemapoh* software, which can also be installed in desktop computers, notebooks and mobile phones.

Installed with Intelligent Service Delivery Platform (iSDP), the portable PC spares users from having to use search engines as normally required in conventional notebooks and netbook computers. The slim and lightweight computer has full-fledged PC features with 1GB RAM (upgradable to 2GB), 802.11 b/g/n WLAN, Bluetooth connectivity, as well as IPv6 enhanced multicasting technology.

*NEW MALAYSIAN IDOL... Maximus and Rais fielding questions from the press, who were anxious to know more about the iDOLA.*



*INCREASING BROADBAND ADOPTION...Rais and Maximus displaying the different versions of the iDOLA to the press. Also present MOSTI Deputy Secretary General (Science) Datin Paduka Prof. Dr. Khatijah Mohd Yusoff and MIMOS CEO Dato' Abd Wahab Abdullah.*

Maximus said that the iDOLA would help make broadband a utility and increase domestic broadband adoption. In addition, it will also enable the Government to deliver its e-services directly to the public, which will enhance the interaction between the government and the people, he said. Rais said he would hold discussions with the Malaysian Communications and Multimedia Commission (SKMM) on ways to promote the product to the public.



# Rural schools receive iDOLA with iSDP

**April 20:** It was a cheerful day for the Orang Asli pupils of Sekolah SK Tun Abdul Razak in Kuala Kubu Baru, Hulu Selangor, when their school was selected to receive a contribution of 10 iDOLA netbook computers. The computers were installed with Intelligent Service Delivery Platform (iSDP), which is a technology patented by MIMOS. The computers, which were contributed by Technology Park Malaysia Corporation, were handed over by Minister of Science, Technology and Innovation Datuk Seri Dr Maximus Ongkili.

SMK Bawang Assan. The event was jointly organised by MIMOS Berhad and Yayasan Inovasi Malaysia. The programme was aimed at providing exposure to the students on information and communication technology (ICT). SK Bawang Assan is located about 50km from Sibu town centre.

A day earlier, Ongkili took a 90-minute boat ride over Rajang River to SK Nanga Tutus to launch a solar-powered computer lab. The school, located in the village with a population of



*NEW LEARNING EXPERIENCE... Visits and handing over of computers installed with easy-to-use software to children in rural areas are only part of MOSTI's commitment in bridging the digital divide. It is easy to see the happiness on the faces of the pupils and teachers at SK Tun Abdul Razak in Kuala Kubu Baharu as Maximus and his officials handed over the computers and talked to them about the importance of ICT. MIMOS plays its part by providing the technology.*

Maximus said that the iSDP provided an ideal platform for teachers and pupils to enrich their learning experience through various latest news and information. He said that the contribution was in line with the government's efforts to bridge the digital divide between folks in the rural and urban areas.

Meanwhile MIMOS president and CEO Dato' Abdul Wahab Abdullah said that the iSDP employed mashup technology which brings information to the user with a single click on the computer. "Installing iSDP in schools is one of MIMOS' endeavours in ensuring that all our innovations bring impact to the society and enrich their life-long learning," he said.

**May 10:** At SK Bawang Assan near Sibu, Maximus graced the handing over of iDOLA computers with iSDP to four schools. The schools, which received 10 netbooks each, were SK Sibu Bandaran No. 3, SK St. Mary, SJK Chung Hua and

about 600 people living in nine longhouses, does not have piped water supply and depend on generators for electricity.

The fully-equipped computer lab is part of a Ninth Malaysia Plan (RMK9) programme in which a sum of RM18 million had been allocated to undertake 165 projects aimed at assisting the rural community in Sarawak and Sabah. The solar system is developed by Technology Park Malaysia under the TAPMOSTI@Komuniti programme. The iSDP is a web-based software technology which enables users to access information with a single click.



*JOINING THE ICT EVOLUTION... Internet connection on user-friendly computers running on solar power is what the rural schools need in this age of ICT. MIMOS is committed in bringing the benefits of ICT to everyone, wherever they may be.*

## MIMOS goes to **Felda**

On May 12, about 600 students and teachers came to experience the K-Wheels when we camped out all day at SMK Felda Besout in Sungkai, Perak, in conjunction with their Hari ICT. The school is located about 28 km from Sungkai town centre, which is approximately 160 km north of Kuala Lumpur.

Our visitors were briefed on MIMOS and our ICT educational programmes such as those involving K-Wheels. The information we relayed, and our presence itself, were vivid examples of our commitment in bridging the digital divide. Along the way, K-Wheels' being there helped draw attention of the public on the wonders of ICT; and at the end of the day made the school's event a success. The event also featured other organisations like the Perak State Educational Technology Division (BTPN), Kampus ASTRO, MDeC, Telekom Smart School and several ICT companies.

### *REACHING OUT...*

*Participation in events such as School ICT Day held in small towns like Sungkai allow MIMOS to assist MOSTI in reaching out to rural folk, raising their awareness on ICT and ultimately bringing the benefits of ICT to their community.*



## ...and to the **big city**

*EFFECTIVE TOOL...  
Wherever the K-Wheels go, it attracts the attention of members of the public who may be curious about ICT or the Internet.*



On June 21 K-Wheels traveled south to Johor Bahru to participate in the Johor Science, Technology and ICT Week (MISTI Johor) at the invitation of the Johor state government via MOSTI. The week-long event attracted some 30,000 people from all over the state, with K-Wheels receiving about 7,000 visitors, or 1,000 daily on average. It was certainly a delight to see senior citizens and first-time computer users, thrilled to be on board K-Wheels.

We learnt that the event was well promoted among schools in the state, which explained the good turnout. K-Wheels also did not have to face the elements as it was parked indoor, in the exhibition hall. Overall, MIMOS' presence with K-Wheels had left a considerable impact on the ICT week as it not only served as an attraction to the visitors but also as a people-friendly tool for the Johor state government, in particular the State Science and ICT Unit, to reach out and educate the people on the importance of ICT.

## Technology recipients attract foreign visitors at **WIEF2010**

MIMOS took part in an exhibition held in conjunction with the 6th World Islamic Economic Forum (WIEF2010) on 18-20 May at the Kuala Lumpur Convention Centre. Planned by our Marketing Communications and supported by Corporate Alliance and Communications, our participation in this exhibition was largely targeted at showcasing MIMOS Technology Recipients.

Three technology recipients were highlighted; namely Pernec, which showcased our WiWi technology; Mutiara Smart Computing, which displayed the iDOLA and Jen-ii with Integrated Services Digital Network (ISDN); and JARING Communications, which exhibited Grid Computing. We also displayed our research products such as sensors for Precision Agriculture at the booth.

From the feedback and enquiries received at the booth during the three days, it was clear that our participation had enlightened many quarters on MIMOS' research work and technology rollout to the public. All three participating technology recipients had the opportunity to establish contacts and obtain business leads, including with international participants. The MIMOS booth was part of MOSTI's participation in the exhibition, although the participating agencies had their own respective booths.



*MALAYSIA'S OWN...  
MIMOS Marketing Communications Senior Manager Azmi Yaakop explaining the features of the iDOLA to a visitor.*



## MORE EVENTS & HAPPENINGS Jan-June 2010



**27-28 Feb: DIGITAL LIFESTYLE...** Corporate Alliance and Communications Senior Executive Laurence Sebastian assisting two senior citizens aboard the K-Wheels during Carnival MyIDEAS in Kangar. Some 5,000 visitors turned up at this event, which was earlier officiated by the Raja Muda of Perlis DYTM Tuanku Syed Faizuddin Jamalullail.

**22 March: DIGITAL PALETTE...** As the big boys are out fishing at the Karnival Memancing 1Malaysia in Sri Rampai, MIMOS provided entertainment and education to the children in the form of a digital colouring contest aboard the K-Wheels. Present was Setiawangsa Member of Parliament Datuk Seri Zulhasnan Rafique. Prizes for the contest were sponsored by Puteri Umno.



**28 March: NO MESSY FINGERS...** Corporate Alliance and Communications Senior Executive Laurence Sebastian briefing Domestic Trade Cooperatives and Consumerism Minister Datuk Seri Ismail Sabri Yaakob on MIMOS' digital colouring contest for children when K-Wheels made a stopover at Rumah Pangsa Danau Kota in the suburb of Kuala Lumpur. Puteri Umno sponsored the prizes for the kids.

**7 Apr: DESIGN EXCELLENCE...** MIMOS took part in the Design Innovation Exploration at Putrajaya, where we showcased our design software alongside our award-winning patented designs. Our participation was in support of MOSTI's initiative in spurring interest in innovation and design among students. The event was organised by Majlis Rekabentuk Malaysia.



**20-21 Apr: TOWARDS USN...** MIMOS Senior Director of Technology Portfolio Management Ahmad Helmi Abd Halim speaking on "Market Analysis and Market Space for USN" during the Workshop on Smart Sensor Systems held at MIMOS.

**28 May: TECH TALK...** Corporate Alliance and Communications Director Rosli Mohamed Yoosuf briefing .my Domain Registry Chairman Datuk Noraini Ahmad at the Malaysia Inovatif exhibition organised by MOSTI at Universiti Malaysia Sabah. MIMOS' showcase at the two-day event was focused on the Advance Aqua Farming technology.



**30-31 May: LOCAL INTEREST...** While in Sabah, MIMOS joined five other agencies under the MOSTI pavilion at an exhibition held in conjunction with Pesta Kaamatan, at the Kadazandusun Cultural Association (KDCA) hall in Penampang, near Kota Kinabalu.

# PA solution gets enthusiastic response in Sarawak



*AGRI-VOLUTION... Najib being briefed by Abd Aziz on the PA technology platform.*



MIMOS' Precision Agriculture (PA) technology platform has received encouraging feedback from the public when it was showcased during an exhibition held on the sidelines of the PBB Convention in Kuching on March 4. Prime Minister Datuk Seri Najib Tun Razak, who visited the MIMOS booth at the exhibition, was given a refresher on the technology platform by MIMOS Chief Operating Officer En Abd Aziz Abd Kadir. The booth received some 2,000 visitors, many of whom requested MIMOS to deploy its PA solution in the state.

PA is a series of technology platforms that offers an end-to-end solution for the agriculture industry through a complete ecosystem – upstream, midstream and downstream. The technology helps to fulfil market needs and demands via yield increment, productivity, quality improvement and cost reduction combined with effective supply chain management. Also referred to as Precision Farming, PA marks the beginning of modern agriculture industry by allowing farmers total control of their crops and enabling them to make fast and reliable decisions.

## MIMOS shares knowledge at **IP Monetisation Conference**

The Intellectual Property Monetisation Conference 2010 which was launched by Minister of Science, Technology and Innovation Datuk Seri Dr Maximus Ongkili at the PWTC in Kuala Lumpur on 9 June saw MIMOS sharing its knowledge on IP management techniques for various commercialisation strategies.

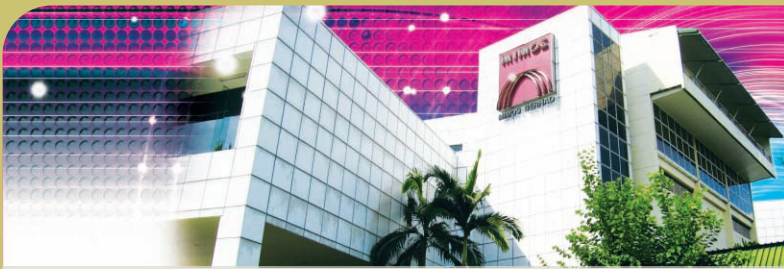
MIMOS Chief Technology Officer Thillai Raj was one of the three panellists in a forum on "IP Capacity Requirement to Sustain the Growth of Innovation Commercialisation". Other panellists were Petronas Research CEO Dr Hamzah Abd Hamid and Proton Holding Director of Engineering Ir Tajul Zahari Abu Bakar. On another programme, MIMOS Head of IP Management Azimah Abd Kadir presented a workshop on "Easy IP Tools" which covered topics such as "Evaluating Invention Values", "Monitoring IP Maturity Prior to Licensing" and "Identifying IP Values for Reward Distribution".

## MIMOS opens testing workshop at **ITSIM 2010**

The International Symposium on Information Technology 2010 (ITSim 2010) was held on 15-17 June at the Kuala Lumpur Convention Centre. MIMOS's involvement was as one of the symposium partners where we conducted one of the three workshops organised.

Titled "End-to-End Testing Strategies", MIMOS' workshop covered topics such as Functional Testing, Performance Testing: Concurrent Users, Performance Testing: Network Bandwidth and Latency, Compatibility Testing, Security Testing, and Usability Testing. The workshop was lead by MIMOS Test Lab director Mohamed Redzuan Abdullah, who has vast knowledge and experience in software development, technical support and software testing in both local and multinational organisations.





## Visits @MIMOS

29 Jan, EXCHANGING INSIGHTS...

MIMOS CEO Dato' Abd Wahab Abdullah having a discourse with senior officials of New Zealand's Waikato Institute of Technology (WINTEC) led by Chief Executive, Mark Flowers (on his left).



22 Feb, FOOD PRODUCTION TECHNOLOGY..

Sarawak Housing and Urban Development Minister Datuk Amar Abang Hj Abd Rahman Zohari Tun Openg (left) being briefed on MIMOS livestock monitoring and advanced aqua farming technologies by Senior Engineer Muhammad Asri Ashari. Also present MIMOS Chairman Dato' Suriah Abd Rahman and Vice President (Product Development and System Integration) Mohd Ali Mustafa.



18 March, ACADEMIC VIEWS...

Universiti Teknologi Malaysia Deputy Vice-Chancellor (Student Affairs and Alumni) Prof Dr Mohd Tajudin Hj Ninggal (right) with his team listening to a presentation on the Knowledge Technology Cluster.



15 April, PROGRESSIVE STATE... Pertubuhan Belia Kebangsaan Bersatu Sarawak (SABERKAS) vice-president Datuk Lee Kim Shin presenting a memento to MIMOS CEO Dato' Abd Wahab Abdullah after he and his delegation attended an overview of MIMOS at the Auditorium.



20 May , HIGHER OUTLOOK... Deputy Minister of Higher Education Datuk Saifuddin Abdullah taking a closer look at MIMOS nano research work, assisted by staff researcher Dr Lee Wai Yee at the Nanotechnology Laboratory.

29 June WEST ASIAN CONNECTION... The Oman IT Authority led by CEO Dr Sultan Al Ruziqi on a tour to MIMOS K-World, guided by MIMOS Chief Research Director of Advanced Information Security Cluster, Professor Mohamed Ridza Wahiddin.







### Vision

To be a premier applied research centre in frontier technologies

### Mission

To pioneer innovative information and communication technologies towards growing globally competitive indigenous industries

MIMOSFocus is a newsletter published by MIMOS Berhad to keep all our stakeholders updated on our latest events and happenings. We would like to continuously improve this publication to meet the needs of our readers. In this spirit, we appreciate your comments and feedback. MIMOSians may also submit articles and photos. The Editorial Team reserves the right to edit your contributions for suitability, clarity and availability of space. For more information about MIMOS, please visit our website at [www.mimos.my](http://www.mimos.my)

**Advisor:** Abd Aziz Abd Kadir **Publisher:** Corporate Alliance & Communications **Design:** Design Integration

**Feedback:** [corpcomm@mimos.my](mailto:corpcomm@mimos.my)