MIMOS CENTRE OF EXCELLENCE (COE) FOR TESTING GAINS MOMENTUM

State-of-the-art test facility in Malaysia offering end-to-end and on-demand testing services.

KUALA LUMPUR, 17 AUGUST 2010 – MIMOS' Centre of Excellence (CoE) for Testing is fast becoming the preferred end-to-end and on-demand software and hardware testing provider of choice.

"MIMOS CoE for Testing offers a comprehensive test strategy, test management and quality assurance required by most software and hardware products," according to its director, Redzuan Abdullah.

It comprises of three fully equipped state-of-the-art laboratories namely a System Test Lab, Usability Lab and Hardware Reliability Lab. The System Test Lab combined with the Usability Lab enables MIMOS to offer robust, rigorous, scientific, independent end to end testing and consulting services. Hardware Reliability Lab caters for extensive electrical, physical and mechanical hardware analysis in compliance to MIL, ISO, IEC and JEDEC standards.

To date, more than 100 different projects have been undertaken by the CoE for Testing, ranging from performance, functional, security, hardware reliability, wireless devices, network to usability tests. This includes comparative and competitive analysis and benchmarking to determine the feasibility of the tested products against the current market standards and expectations.

With world-class testing facilities, domain expertise, certified test professionals and continuous testing research, MIMOS CoE for Testing is well positioned to ensure

software and hardware products are of world-class quality.

At present, MIMOS CoE for Testing collaborates with local and foreign higher learning institutions, organizations and multinational companies in conducting test research, automation and usability testing in Malaysia.

"Testimonials from satisfied customers highlight the major improvements in the overall product quality based on the test findings and recommendations. We continuously push the limits when it comes to testing," Redzuan said.

Raising the Bar on Usability in Malaysia
"Usability testing measures the ease of use of a specific product. The emphasis is now on trying to get clients involved in usability reviews during the design phase, when problems can be identified before anything is developed. The Malaysian technology industry needs to be more aware of usability. At the end of the day, what users want is convenience and results," Redzuan said.

Unlike in other usability labs, MIMOS Usability Lab comprises an observation room and a test room that is equipped with eye-tracking systems that generates 'heat maps' to show the area most gazed at and whether the main message of the product is drawing the most attention.

MIMOS Usability test reveals the deficiency in the product design and provides recommendation to improve the design which in turn increases the user satisfaction, effectiveness and efficiency of the product.

The Usability Lab is also featured in the Global Usability Knowledge Management (GUKM) – a database of labs worldwide where usability evaluation takes place – as the only Usability Lab in Malaysia. MIMOS is also a member of the Usability Professionals Association (UPA).

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NOTE-TO-EDITOR
MIMOS is known as MIMOS and <u>not</u> 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 nine (9) technology clusters – Grid Computing, Knowledge Technology, Information Security, Wireless Communications, Micro Energy & MEMS, Nano Electronics, Advanced Informatics, Green Technology and Advanced Analysis and Modelling (ADAM). MIMOS' focus is on transferring or licensing MIMOS technology platforms to qualified indigenous companies towards growing globally competitive local industries.

MIMOS is the first Government agency and among the top 100 elite organizations worldwide to obtain Capability Maturity Model Integrated (CMMi) Level 5 certification.

MIMOS is the recipient of five (5) International, Invention, Innovation and Technology (ITEX) Award 2010 – three (3) Gold awards under the Materials, Environmental and Renewal Energy, and Telecommunications categories and two (2) under the Wireless and Chemicals categories. MIMOS is also 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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