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Mimos centre of excellence gains momentum

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," said Redzuan Abdullah, its director.

It comprises 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 with MIL (Military Standards), ISO, IEC (Electronic Industries Alliance) 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, and 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.

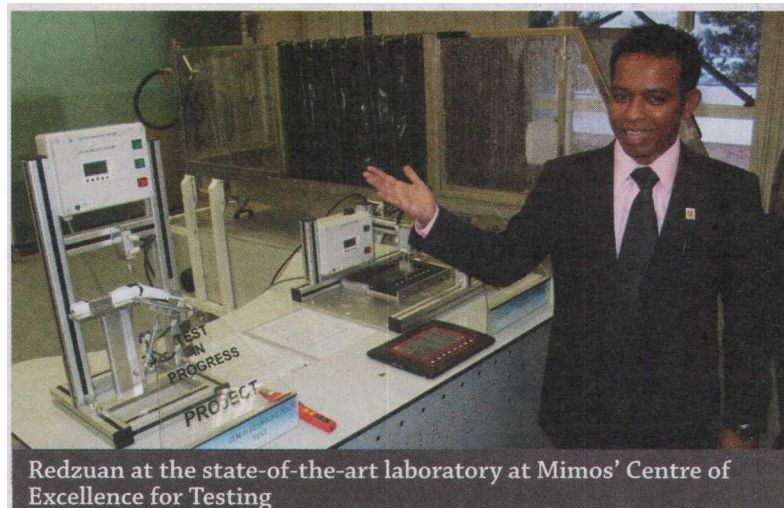
At present, Mimos CoE for Testing collaborates with local and foreign higher learning institutions, organisations and multinational companies in conducting test research, automation and usability testing in Malaysia. "Testimonials from satisfied customers highlight the major improvements in the overall 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 recommendations 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 — a database of labs worldwide where usability evaluation takes place — as the only such lab in Malaysia. Mimos is also a member of the Usability Professionals Association.



Redzuan at the state-of-the-art laboratory at Mimos' Centre of Excellence for Testing