



## **For Immediate Release**

### **MIMOS LAUNCHES ULTRA-FAST LINK FOR ADVANCED RESEARCH**

*A dedicated high speed fibre optic link between MIMOS and International Islamic University Malaysia (IIUM) for direct access to MIMOS Grid Services*

**KUALA LUMPUR, 2 SEPTEMBER 2010** – MIMOS, the premier applied research centre in frontier technologies, today launched its Ultra-Fast Link for Advanced Research – a dedicated 4 Gigabit per second (4Gps) high speed single mode fiber optics link between MIMOS and International Islamic University Malaysia (IIUM).

MIMOS Ultra-Fast Link for Advanced Research, which is supported by eight different wavelengths for transmitting and receiving data, will provide IIUM's Ultra-Fast Facility with direct access to MIMOS Grid Services namely scientific and engineering software.

With MIMOS Ultra-Fast Link for Advanced Research, IIUM users will enjoy faster rendering of animations and will be able to carry out simulations directly from IIUM in Gombak without having to physically submit the job at MIMOS in Technology Park Malaysia.

This MIMOS Ultra-Fast Link for Advanced Research is the second link from MIMOS to IIUM and is connected to the university's Ultra-Fast Facility. The first is a dedicated MIMOS link to IIUM's Centre of Excellence (CoE) in Information Security which undertakes research and development of ultra secure encryption key management, indigenous encryption algorithms and hardware encryption modules.

Today's collaboration for access to MIMOS Grid Services marks Phase 1 of MIMOS' partnership extension with IIUM.



“As we innovate and make quantum leaps in frontier technologies, the need to partner with the research community is more critical. With the extension of our strategic partnership with IIUM today, MIMOS is well positioned to become the premier applied research centre in frontier technologies,” said Dato’ Abdul Wahab Abdullah, President and CEO, MIMOS.

Phase 2 will involve supporting IIUM Disaster Recovery Planning and Business Continuity Planning, while Phase 3 will provide IIUM access to MIMOS Cloud Computing Services.

Currently under MIMOS Grid Services, there are eight high performance computing (HPC) applications for animation, engineering and bioinformatics available. MIMOS Grid consists of 256 centre processing units (CPUs) for animation software and 256 CPUs for weather simulation. For bioinformatics applications there are 64 CPUs; while there are 128 CPUs for fluid dynamics simulation.

- Ends -

**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 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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