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# Mimos launches ultra-fast link for advanced research

**KUALA LUMPUR:** Mimos, the premier applied research centre in frontier technologies, recently 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.

The collaboration for access to Mimos Grid Services marks Phase 1 of Mimos' partnership extension with IIUM.

"As we innovate and make quan-

tum 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. - Bernama