For Immediate Release

MIMOS DRIVES SEMANTIC TECHNOLOGY INDUSTRY FOR THE NATION

Ensuring Malaysia is recognized as the first Web 3.0 society in the world

Kuala Lumpur, 15 October 2008 – MIMOS is driving the Semantic Technology industry for the nation in its efforts to ensure Malaysia is recognised as the first Web 3.0 society in the world.

Towards this end, the focus is on transferring Semantic technology platforms, developed by MIMOS, to the local industries in line with MIMOS mission to pioneer information and communications technology (ICT) towards growing globally competitive indigenous industries.

"Semantic technology is driving the next generation of the Web - the Semantic Web - a machine-readable Web of intelligent data and automated services that amplify the Web far beyond its current capabilities," said Dato' Abdul Wahab Abdullah, President & CEO, MIMOS.

MIMOS' Semantic Technology Platform has the potential to deploy intelligent applications in the following sectors:

❖ Business and Financial
❖ Agriculture
❖ Medical
❖ Automotive
❖ Public Safety

To date, MIMOS has established a Centre of Excellence (CoE) in Semantic Technology, in collaboration with local and foreign universities and industry players, aimed at enhancing the utilization of ontology and Semantic Web technologies to

automate the collection, modeling, organization and retrieval of knowledge. MIMOS has also appointed six Semantic CoE consultants who are also members of the Advisory Board of the Semantic CoE. The inaugural annual Advisory Board Meeting was held in April 2008.

MIMOS partners in the area of Semantic include foreign universities and organizations such as German Research Center for Artificial Intelligence (DFKI), Germany; KNOW-CENTRE, University Technology Graz, Austria; Hong Kong Polytechnic University, Hong Kong; University Montpellier II, France; University of Calgary, Canada; Franz Inc., USA; Vivomind Inc., USA; and Knowledge Networks Inc, Australia.

MIMOS has also established a joint research lab at Universiti Malaysia Sarawak (UNIMAS) and is specifically working with UNIMAS' Faculty of Computing Science and Information Technology on Language Technology productisation initiatives for commercialization of language-based technology.

MIMOS is also collaborating with Universiti Malaysia Sabah (UMS) in Semantics Technology.

In addition, MIMOS is a full member of Semantic Technology Institute International (STI - International) and a member of The World Wide Web (W3C) Advisory Committee.

"MIMOS as the premier applied research centre in frontier technologies is well positioned to nurture domain experts in semantic technology," said Dato' Wahab.

Semantics is the study of meaning; while Semantic Technologies include software standards and methodologies that are aimed at providing more explicit meaning for the information at one's disposal.

Semantic technology enables computers to achieve a higher degree of 'understanding' the meaning of the information they process; thereby providing users with better opportunities to navigate through the vast amount of information and to find facts in unlimited volumes of documents, Internet resources and services.

The Semantic Web allows publishing of structured data, the meaning of which is described and understandable by people and computers alike. In this way it is

possible to publish and share databases in the same way as this is possible for texts today.

MIMOS Semantics Symposium

MIMOS Semantics Symposium themed *Future of Semantics Technology* held today attracted more than 100 participants from the Government, industry, academia as well as students.

The event was a key platform for participants to gain insights and first-hand knowledge of Semantic Technology and its future directions in research and commercialisation from renowned North American and European domain experts in the field of Semantics Technology.

The speakers consisted of renowned domain experts in Semantic Technology including Professor John Sowa of Vivomind Inc. USA; Professor Klaus Tochtermann of Know Centre, Tugraz, Austria; Dr Sheng-Chuan Wu of Franz Inc. USA; and Professor Brian Garner of Knowledge Networks Inc. Australia.

The Semantics Symposium was organized by the Centre of Excellence in Semantic Technology led by MIMOS Head of Knowledge Technology Cluster, Dr. Dickson Lukose.

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About MIMOS
MIMOS pursues exploratory and industry-driven applied research through multi-stakeholder smart partnerships with universities, research institutes, Government and industries with a focus on frontier technologies. MIMOS' applied research areas, based on real-world trends, are cyberspace security, encryption systems, grid computing, communication technologies, MEMS/NEMS, advanced informatics, knowledge technology and micro energy.

MIMOS is the recipient of 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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