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Mimos expects semantic technology market to boom

KUALA LUMPUR: The information and communications technology (ICT) market for semantic technology is projected at US\$283 billion (US\$1.00=RM3.53) between 2006 and 2015, according to applied research organisation Mimos Bhd.

Its head of knowledge technology cluster, Dr Dickson Lukose, said yesterday the semantic technology's market share is expected to grow to US\$52 billion in 2010, with Asian market taking up US\$12.6 billion.

The semantic technology market was worth US\$2 billion in 2006, he said.

"Semantic technology holds great promise to solve corporations' biggest nightmares and managing customer information is just one good example of the kind of service that could prove the technology's promise," Lukose said.

He said the technology has the potential to deploy intelligence into applications for across verticals, including business and financial, agriculture, medical, automotive and public safety.

Mimos signed a memorandum of understanding with the

Montpellier Laboratory of Computer Science, Robotics, and Microelectronics (LIRRM) Thursday to jointly develop semantic technology platforms.

LIRRM is the research entity of the French National Centre for Scientific Research (CNRS) and under the MoU, it will provide high-level training in Artificial Intelligence (AI) for Mimos' knowledge technology cluster.

LIRRM will also offer high level guidance to the use, adaptation and possible extensions to several graph-based visual tools for building

conceptual graph knowledge databases, namely CoGITaN and CoGUI, developed by it.

"The knowledge technology research team at Mimos will be utilising extended versions of these tools for the development of next generation of semantic technology," Lukose said.

"The cooperation between Mimos and CNRS is expected to result in positioning Mimos as a leading applied research in semantic technology in line with its mission to grow globally competitive indigenous industries," he said. — Bernama