

# **MIMOS Outlines Strategy to Focus on Applied Research in Frontier Technologies for the Nation**

CEO unveils new management team and a new organisation-wide drive to boost Intellectual Property (IP)

**What:**Steering MIMOS into the applied research in frontier technologies for the country in its effort to grow globally competitive indigenous industries to accelerate Malaysia's economic growth.

**How:**Developing capabilities to drive Centres of Excellences in frontier technologies, increasing Intellectual Property (IP); fostering smart partnerships with multinational companies, research organisations and educational institutions; and attracting, developing, engaging and retaining both local and foreign world-class talents.

**Who:**Abdul Wahab Abdullah,  
President & Chief Executive Officer,  
MIMOS

**Kuala Lumpur, 19 October 2006** – MIMOS is pursuing applied research in frontier technologies aimed at growing globally competitive indigenous industries to move Malaysia up the value chain and ensure accelerated economic growth, said MIMOS, President and CEO, Abdul Wahab Abdullah.

To this end, MIMOS is focusing on eight (8) applied research areas: cyber space security, encryption systems, grid computing & multi-service networks, wireless broadband, MEMS/NEMS systems, advanced informatics, knowledge technology and micro energy systems.

“MIMOS focus is on market-driven applied research that will be determined by real-world trends, and each area will be lead by a specialist Chief Researcher,” said Wahab. “MIMOS will endeavor to develop indigenous frontier technologies that meet the socio-economic needs of Malaysia and our Ninth Malaysia Plan (9MP) commitments,” Wahab added.

At a special briefing for members of the media on the ‘new’ MIMOS strategy, Wahab also unveiled his new dynamic management team made up of a mixture of expertise from multinational companies, Government-Linked Companies and academia—experienced professionals.

MIMOS' R&D alignment efforts also include establishing best-in-class processes and methodologies, such as Six Sigma and Capability Maturity Model Integration (CMMI), backed by a strong leadership commitment. For example, the positions of MIMOS Chief Technology Officer and Chief Scientist are to be filled by world-class talents scouted from around the globe that will be instrumental in the transfer of knowledge.

“International knowledge transfer will be strategic in enhancing and further developing our innovation activities and capabilities and will accelerate MIMOS towards becoming a premier applied research centre in frontier technologies,” said Wahab.

In addition, MIMOS has introduced *MIMOS Strategic Training, Advancement & Recognition (M-STAR)* Programme in line with its objective of increasing post-graduate researchers.

The M-STAR programme, designed to enable employees to further develop their knowledge and expertise, will enable them to translate their existing work into coveted qualifications such as Masters, PhD, professional engineering qualifications, Six Sigma and Patents,” explained Wahab.

### **Intellectual Property**

To establish MIMOS as an initiator and trendsetter of frontier technologies, MIMOS has embarked on an organization-wide drive to boost and increase Intellectual Properties (IPs) through the implementation of an IP reward scheme. Within the CEO's first 90-days, MIMOS has discovered a total of 18 potential IPs from existing on-going research.

“This may not have been emphasized in the past, so I want to make it clear that IP generation is now part of MIMOS key performance indicators (KPIs). At the same time, we want to change the mindset of our researchers, to drive and inculcate a culture that fosters innovation, creativity and productivity aimed at enhancing Malaysia's economic competitiveness,” Wahab clarified.

The new collective target is for every MIMOS employee, cutting across all levels of the organization, to have one (1) patent disclosure accepted by the Patents Committee every year. For every patent commercialised, the recipient stands to receive cash reward of up to RM500,000.00. This is in-line

with the Government's initiative to reward and recognize the contributions of researchers to the Nation.

### **Smart Partnerships**

To drive industry standards and technology convergence, MIMOS will partner and collaborate with multinational companies, research organizations and educational institutions. This includes MIMOS playing a leading role in efforts toward industry enablement, joint applied research programs and proof-of-concept development.

“We want to partner with multinational companies, research organizations and educational institutions that will add value to what we are doing in applied research. Our task is to bring about new, commercially applicable technologies that we can then seed the growth of our indigenous industries,” said Wahab.

### **Nation's Vision**

With its newly established strategic direction, MIMOS is confident the organization is well positioned to become the premier applied research centre in frontier technologies where world-class talents thrive, and innovations are fostered. The initiatives and direction taken, in alignment with the Ministry of Science, Technology and Innovation's vision of “Knowledge Creation, Wealth Creation and Societal Well-being”, MIMOS is a major driver towards achieving the status of a developed nation for Malaysia.

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### **About MIMOS**

MIMOS is Malaysia's leading applied research organisation in Information & Communication Technologies (ICTs) aimed at growing globally competitive indigenous industries.

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 cyber space security, encryption systems, grid computing & multi-service networks, wireless broadband, MEMS/NEMS systems, advanced informatics, knowledge technology and micro energy systems.