



National R&D Centre in ICT



PRESS RELEASE

FOR IMMEDIATE RELEASE

MIMOS' smart controller for buildings to harness full potential of Industrial IoT

Paired with Reneon's energy management platform, the system enables direct control of energy consumption

BUKIT JALIL, 22 Nov 2017 – National research and development (R&D) centre in information and communications technology (ICT), MIMOS through its unit MIMOS Semiconductor (M) Sdn Bhd (MSSB) has unveiled a smart controller system for smart buildings that allows facility managers to not only better understand their energy consumption patterns, but also have direct control over it.

The Secured Smart Controller (SSC) is an interlinked network of hardware and software, which monitor and control the environment, space and facilities in commercial and industrial buildings. The SSC system ensures optimum operational performance of the facility as well as the comfort, energy-saving and safety of building occupants.

The SSC coupled with an Autonomous Intelligent Ambient Control System is an Internet of Things (IoT) solution capable of turning an industrial building into a smart establishment. Reliable and secure, the SSC system has been shown to possess energy savings of up to an estimated 50 percent in lightings and 30 percent in air conditioner applications. Designed to be simple to use, the system autonomously monitors and controls ambient parameters such as temperature, and room space brightness.

In unveiling the product, MIMOS has also announced that it is working together with Reneon Technologies, a Malaysian startup that specialises in IoT, smart building and energy efficiency services and solutions.

MSSB General Manager Wan Azli Wan Ismail, who is also MIMOS Vice-President for E&E Sector said: "MIMOS supports local startups company by transferring our technologies. Partnering with Reneon Technologies allows MIMOS to integrate our SSC with Reneon's cloud-based energy management platform to produce a comprehensive energy management solution."

Reneon Director Ashwin Menon said: "Our collaboration with MIMOS has allowed Reneon to speed up the R&D process for product development. The expertise and vast knowledge provided by MIMOS together with the market experience provided by our company has allowed us to build a solution that caters to the requirement of the market while keeping costs low and without compromising on features and quality."

"This collaboration has certainly been very useful to us and we hope there can be more such collaborations in the future. A market roll-out for the SSC system has been planned by first quarter of 2018," he added.

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About MIMOS

MIMOS is Malaysia's premier Applied Research and Development Centre in Information and Communications Technology, Industrial Electronics Technology and Nano-Semiconductor Technology. As a strategic agency under the Ministry of Science, Technology and Innovation (MOSTI), MIMOS contributes to raising Malaysia's competitiveness by pioneering market creation for Malaysian technopreneurs through patentable technology platforms, products and solutions. Over the past 12 years, MIMOS has filed more than 1,800 Intellectual Properties in various technology domains and across key socio-economic areas. Serving a central role in Malaysia's transformation journey and ICT Vision, MIMOS endeavours to create a culture of innovation by nurturing relationships with internal and external stakeholders, in the spirit of smart partnerships and inclusive growth models and strategies.

About Reneon Technologies

Reneon Technologies is an electrical engineering company that specializes in IoT, Smart Building and Energy Efficiency services and solutions. Our goal is to assist our commercial, industrial and residential clients in managing their electricity usage effectively which will inadvertently contribute to environment conservation for future generation. To date, we have advocated energy conservation through our solutions for various projects including police stations, local municipality buildings, F&B outlets, office spaces, universities, hotels, factories and condominiums. In total we have completed over 50 projects primarily in Malaysia. Moving forward we would be bringing our technology and solution to other Southeast Asian countries. Reneon Technologies aims to position itself as the Green and Smart Building Solution Provider in the region.

For more information about this news release

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