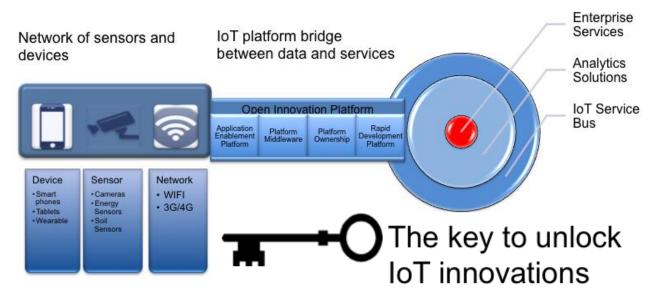
IoT Open Innovation Platform

The widespread usage of smart phones and smart devices in the network today has transformed the network into a connected web of smart devices. These devices are made smart by the applications developed to provide huge benefits and services to the users. This is the Internet of Things (IoT).

To stay competitive and to be able to capture the potential IoT market, it is important to have the IoT platform and acceleration tools to facilitate the rapid development and adoption of IoT solutions for public and private markets, especially in new upcoming developing ASEAN countries. A common platform would allow integration of data and services from different systems. Thus allowing the combined operation of many different heterogeneous IoT systems onto one common open platform, the IoT open innovation platform.



Project Members:

Boon Choong Foo, Senior director, MIMOS Bhd; Looi Chin Teong, Senior staff, MIMOS Bhd; DR. Hiroyuki Yano, Director General, NICT; DR. Fumihide Kojima, Director, NICT;

- DR. Sun Sumei, Department Head, I²R;
- DR. Thu Ngo-Quynh, Department Head, Hanoi University of Technology and Science;
- DR. Dinh Van Dzung, Deputy director, Vietnam National University.

Application enablement platform provides abstraction layer to connect to the different devices available. Application dashboard tool to generate information visualization via easy to use interface.

Platform middleware provides the necessary integration by adopting common standards. Devices and sensors from different systems and protocols can be connected to the same platform, thus providing connectivity and functionality between heterogeneous platforms.

Platform scalability includes private cloud and embedded cloud adoption to provide platform ownership.
Services need not be provided from an external party cloud services.

Rapid development platform provides the facility to develop and test applications rapidly.