



# IEM

The Institution of Engineers, Malaysia

ORGANISED BY INFORMATION AND COMMUNICATIONS TECHNOLOGY SPECIAL INTEREST GROUP (ICTSIG)

## "TALK ON IOT & OPEN-SOURCE APPLICATION" by L.C. Chen

- MONDAY
- 25 SEPTEMBER 2023
- 9.00 A.M. - 11.00 A.M
- DIGITAL PLATFORM (ZOOM)
- CPD HOURS : 2 HOURS
- CPD REF NUMBER : IEM23/HQ/434/T (W)

REGISTRATION FEES

IEM STUDENT MEMBER : FREE

IEM MEMBER : RM 15

NON IEM MEMBER : RM 70

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## SYNOPSIS

An IoT project consists of several building blocks including sensors, processors, gateways and applications. Sensors collect necessary data from surroundings while processors process this raw data into meaningful information. Gateways route the processed data to proper databases or network storage for proper utilization while applications provide an interface for users to interact with the data.

Sensors are used in connected vehicles, traffic management, smart grids, environmental monitoring, smart buildings and smart homes, smart cities, supply chain management and industrial, agricultural and commercial management. These sensors can monitor changes in the application environment such as temperature or motion and communicate with computing systems via wired or wireless networks.

In this talk, we will explore the use of a set of calibrated sensors in IoT and how they can collect and transmit data easily. We will also discuss real-world examples of how sensors are used in Open Source IoT applications.

## BIODATA OF THE SPEAKER

L.C. Chen is the Managing Director of Sita Group of Companies, involved in providing SI and outsourcing services to major clients in Malaysia until the year 2000. Since then, he has fully focused on awareness, promotion and deployment of open-source telecommunication technology called Asterisk and other platforms. He has completed and launched an enterprise cloud platform called sitanetwork.com and a cloudpbx services overseas. After working for 5 years in the UK telecommunication R&D company called CASE, he served NCR Malaysia, subsequently NCR APA and AT&T and led in computerization of many banking and government sectors in computerization of many major corporates in Malaysia and within ASEAN region. Currently, he is focusing on providing open-source expertise and services in enterprise solutions development and development of cloud services for any corporation who are looking for such affordable services. He graduated from the University of Reading, England, U.K. in 1976 with B. Sc.- in Mathematics & Computer Science. He is a Member/EXCO of MNCC, KLSCCCI, and FGBMF.

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