THE INSTITUTION OF ENGINEERS, MALAYSIA

Bangunan Ingenieur, Lot 60/62, Jalan 52/4 Peti Surat 223. 46720 Petaling Jaya, Selangor Darul Ehsan
Tel: 603-7968 4001/2   Fax: 603-7957 7678   E-mail : sec@iem.org.my   IEM Homepage : http://www.myiem.org.my

TALK ON "CREDENTIAL SECURITY& PHYSICAL ACCESS CONTROL SYSTEMS"
Organised by: the Electrical Engineering Technical Division, IEM

CPD NOT AVAILABLE

Date	:	**9th July 2016**
Time	:	**9.00 to 11.00am** *(Refreshment will be served at 2nd Flr from 8.30am onwards)*
Venue	:	**C&S & Tus Lecture Hall, 2nd Floor Floor, Wisma IEM**
Speaker	:	**Tai Keang Seng**

SYNOPSIS

Security managers have never had more options for access control cards and other badging and credentialing applications. Magnetic stripe, Wiegand and proximity technology all remain popular and effective.

One new technology many security and IT managers are evaluating is contactless smart cards. Just as proximity technology brought advantages over Wiegand card technology 20 years ago, contactless smart card technology today is bringing new advantages over proximity for physical access control as well as other applications.

Four Elements of a Card Access System

Any card access system will consist of four basic elements. Depending on the size and purpose of the system, there may be many additional types of devices however the four basic elements are:
1. Cards
2. Readers (possibly equipped with keypads)
3. Access control panels (controllers)
4. An operator interface or "Host" PC (SW)

Contactless smart card technology is well-suited for access control applications. It provides higher levels of security than traditional access control technologies and the platform from which additional applications can be implemented on the same credential. There are products available on the market today that provide an affordable migration path to smart card technology while protecting customer investments in existing infrastructures.

With the introduction of iCLASS technology, HID established a new and significantly lower cost for contactless smart cards. Traditionally, proximity cards have been more convenient to use, and HID's iCLASS contactless technology brings this same level of convenience to smart cards.

Whether a company is implementing an IT security solution today, or is looking downstream and planning for the future, it makes sense to put in a contactless smart card access control system like iCLASS, because it creates a technology base that can support IT security and physical access applications on the same credential.

Based on these topics, it will be highlighting these areas during the presentation:

1) Credential Format
   -Briefly explain the format available in the market
   -How reader response to different format
   -Characteristic of each format

2) Latest Format
   -iCLASS features
   -Security Level
   -Trend
   -High & low frequency

3) Physical Access
   -What is access control
   -SOP
   -One card solution
   -Future trend of physical access

Key Learning Outcome

At the end of the session, participants should be able to understand the new jargons commonly used in the current era of Security access control system.

ANNOUNCEMENTS TO NOTE:
- Preferential admission to talk shall be accorded to IEM members (**pre-registration and online registration are NOT required).**
- **Non members** may also attend the talk but will need to pay a registration fee of **RM50** and an administrative fee of **RM15**. GST is inclusive.
- Members of affiliated organisations upon producing their membership cards will be exempted from paying registration fee. Administrative fee is nevertheless applicable.
- Limited seats are available on a "first come first served" basis (maximum 100 participants).
- IEM members are reminded to produce membership cards for confirmation of attendance (CPD purpose) failing which a fee of RM25 will be imposed. GST inclusive.

ADMINISTRATIVE FEE
- Kindly be informed that an administrative fee of **RM15** is payable for talks organized by IEM. GST is inclusive.
- The fee would be used to cover overhead costs, building maintenance expenses as well as contribute to Wisma IEM Building Fund.
- All contributions will be deeply appreciated by IEM.
- Student Members are however exempted.

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CPD HOURS CONFIRMATION

Name: ....

Membership No: ....

Signature: ……………………….....……

Speaker's Biodata

Mr TAI KEANG SENG is a Masters holder in Business Administration (MBA) from Trent University of Nottingham, 2011. He also has a Higher National Diploma in Electrical and Electronic Engineering Technology from University of Hertfordshire (UH) in 2002. His present service is as Regional Sales Manager for HID Global.

Mr. Tai has experience in Security Systems Installation, Project Management and services with Chung Hua Enterprise, O'Connor's Engineering Sdn. Bhd. and ICSS Sdn. Bhd.

Besides that, he had previously conducted seminars on Integrated Security Management System for IEM at Crystal Crown Hotel, Petaling Jaya Selangor Darul Ehsan (2008) and IEM Sabah (2009).

He has total 16 years of involvement in Security System Pre – Sales, Project Management Service and Support, Product Development, Business Development, Road Show, Guest Speaker and Technical Training.

Ir. Yau Chau Fong
Chairman
Electrical Engineering Technical Division, IEM