Chairman,
Electrical Engineering Technical Division,
The Institution of Engineers Malaysia,
Lots 60 & 62, Jalan 52/4, P.O. Box 223 (Jalan Sultan),
46720 PetalingJaya, Selangor Darul Ehsan
Tel: 03-7968 4001/2   Fax to 03-7957 7678 (Email : valli@iem.org.my)

REGISTRATION FORM
One-Day Seminar on TODAY'S SMART-CONNECTED SECURITY & SAFETY SYSTEMS

Date : 28th November2017 (Tuesday)

(Closing Date: 25th November 2017)

No	Name(s)	M'ship No.	Grade	Fee (RM)*
		SUB TOTAL		
		ADD GST @6%		
		Total Payable		

*Fees MUST be fully paid BEFORE the CLOSING DATE. Seats could only be confirmed upon payment.
Enclosed herewith a crossed cheque No: _____for the sum of RM _____
issued in favour of "**The Institution of Engineers, Malaysia**" and crossed 'A/C payee only'. I/We understand that the fee is not refundable if I/We withdraw after my/our application is accepted by the Organising Committee as stated in the **cancellation term**. If I/We fail to attend the seminar, the paid registration fee will not be refunded.

Contact Person: _____ Designation: _____

Name of Organization: _____

Address: _____

_____

Telephone No.: _____ (O) _____ (Fax)

_____ (H) _____ (HP)

Email: _____

_____   _____
Signature & Stamp   Date

Photocopies are acceptable

28TH NOVEMBER 2017
One-Day Seminar On TODAY'S SMART-CONNECTED SECURITY & SAFETY SYSTEMS

Organised by
Electrical Engineering Technical Division, The Institution of Engineers, Malaysia

Date	: **28th November 2017 (Tuesday)**
Venue	: **Tan Sri Prof. Chin Fung Kee. 3rd Floor, Wisma IEM, PJ**
Time	: **8:30 am – 5:00 pm**
Speaker	: **Mr. Adrian Tan and Mr. Tai Keang Seng**

BEM Approved CPD/ PDP hours: Applying

REGISTRATION FEES (SUBJECT TO 6% GST)		
	ONLINE	**NORMAL (OFFLINE)**
IEM Student Member	150.00	180.00
IEM Graduate Member	200.00	250.00
IEM Corporate Member	350.00	400.00
Non-IEM Member	800.00	900.00
GST will be implemented with effect from 1 April 2015		

SYNOPSIS

The term *Internet of Things* (*IoT*) has emerged into mainstream public view more and more recently. Defined loosely as the interconnection of uniquely identifiable embedded networking devices within the existing Internet infrastructure, we take a look at how IoT is shaping today & tomorrow's Security & Safety Technologies

Here Mr. Tan lays down IoT's projected trends, the underlying technology enablers, the typical goals for IoT related projects / ventures and its impact to Security and Safety Systems in particular. Visualizing the concept of Smart Cities and what they aim to achieve. Based on those goals, he dissects Smart Cities further to understand the various domains of a Smart City. Video based artificial intelligence, where he introduces a 4-tier framework to understand the correlation of Video Analytics in enabling Video Based Artificial Intelligence. Various possible architectures, the pros and cons of each, as well as examples of Video Cameras used as sensors will be discussed. With mass connectivity comes cyber-threat concerns.

The speaker touches on identification, encryption and authentication from common cyber-security threats and the relevant technologies as a solution. To complete an IoT ecosystem, an Integration Partner Program gives possibilities to conceive solutions amongst different brands / communication protocols not only within the security and safety domain, but also possibilities for applications beyond security. The key takeaway for audiences include the understanding of key correlations between IoT, Security & Safety, Video Based Artificial Intelligence, Smart Cities and Cyber Security.

With the current availability of various options for access control systems & contactless smart card technologies, it doesn't matter 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, because it creates a technology base that can support IT security and physical access applications on the same credential.

The below topics will be presented by Mr. Tai and he will discuss Credential Formats and more of the commonly used Smart Card Access Control Systems:
1) RFID
2) ISO Standard
3) What is Format?
4) Market Trend & Technology Trend
5) Recommendation
6) Innovation of physical access control

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 and much more.

ABOUT THE SPEAKER

Mr. Adrian Tan is a dual-degree holder in B. Sc. Information & Communication Technology from Swinburne University of Technology, and, B. Sc. Marketing from University College Dublin. He also holds a Diploma in Electronics, Communications & Computer Engineering from Singapore Polytechnic. Currently, Mr Adrian holds the position of Senior Manager, Business Development and Technology Partnership at Bosch Security Systems, having also held the capacity of a Product Marketing Manager at Bosch Security Systems before. His other working experience includes Sales Manager at Singapore Communications Equipment Co. Pte Ltd, Regional Tech Trainer at Pelco Asia Pacific Pte Ltd and Data Migration Specialist at IBM. Throughout his 16 years of experience, he was involved in delivering key projects throughout the region for Security & Safety Systems, namely Smart Nation Parcel I, Singapore & Kangwon Land Casino, South Korea. Besides that, he's also active as a product trainer, speaker at public seminars, technology sourcing partner and portfolio management.

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.

Tentative Programme

Time	Session
8.30am- 9.15am	Registration
9.15am- 9.30am	Welcome Remarks & Seminar Rundown Briefing
9.30 am- 10.00am	IoT and what it means for Security and Safety
10.00am- 10.30am	Smart Connected Solutions
10.30am – 10.45am	Tea Break
10.45am- 11.45am	Camera as Sensors
11.45am- 12.15pm	The importance of Cyber-security in Security and Safety Systems
12.15 pm-1.00pm	The Evolving Ecosystem for Security and Safety Systems
1.00 pm-2.00pm	Lunch
2.00 pm- 4.00pm	Current Trends in Smart Access Control Systems: Credential Formats, Recommendations and Innovations
4.00 pm-4.30pm	Technology Demonstrations
4.30 pm-5.00pm	O&A
5.00pm	Session Ends