Registration fee

IEM Members:
RM15.00

Non-Members:
RM70.00

Date:
22nd Dec 2021
(Wednesday)

Time:
5.30pm to 7.30pm

Venue: ZOOM
Virtual Platform

BEM Approved
CPD/PDP
Hours: 2

Ref No:
Applying

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IEM
The Institution of Engineers, Malaysia

Webinar Talk on "Why state of the art SCADA automation projects fails in Malaysia today"

Organised By Consulting Engineers, Special Interest Group, IEM

SYNOPSIS

In order to be part of the new post-COVID world order, high-tech and high-touch automation is a must for any industry that is hoping to compete and be successful in the new way 'of doing business". Implementing these kinds of requirements have been challenging in the past but it has become even more difficult with the 'forced digitalization', restricted movement, and 'Grab delivery' of the everyday project activities. These are aspects that were not anticipated by the age-old project management methodologies and practices. Couple this with the new way of doing business and the value of the new generation of engineers, and it becomes an intricate 'new order' mess that must be understood before anything of value can be delivered to the company, and to the nation, for its "fit-for-purpose" intention.

At the micro level, SCADA and automation systems have undergone tremendous changes from the monolithic, centralised architecture infrastructure that are generally 'cast in stone' to a more nimble, flexible and dynamic system in its functional terms. The performance criteria and its functional aspects have to be 'cast in stone' but not its implementation, its form, or its looks. This is why most SCADA systems fail before being taken over by the Client, become obsolete very fast or simply just does not fit into the everyday activities of a company. This webinar will highlight how to avoids such situations and provide insights into solving some of the issues that will make successful projects more viable.

SPEAKER BIODATA

Ts. Ir. S. Vignaeswaran has had more than 35 years of working experience in the electrical, computer, IT, SCADA, project management and tendering fields. He has been involved in state-of-the-art applications that includes cyber-security from the 1990s. He has an Electrical Engineering degree from Monash University (Clayton, Australia) and MSc in IT/BIS from University of Keele, UK. He continues to publish international papers in Engineering, IT, Computer Security and the Project Management fields.

He has carried out Malaysian National Security projects and has been Client's HOD (Electrical & Automation) in a large-scale Saudi Arabian project of RM 8 billion in value. Additionally, he has worked in international automation projects that incorporates cyber security concerns by the very nature of their operational scope. He is currently involved in cybersecurity projects that are pushing the frontiers of cyber security applications in Malaysia specifically, and internationally in general.

Ir. Yim Hon Wa
Chairman
Consulting Engineers, Special Interest Group, IEM

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