



Approved Duration: 17/12/25 - 16/12/26  
HRD Corp Serial No: 10001635953

CPD HOURS : 4.0

CPD REF NO.: IEM25/HQ/612/S

# Physical Half Day Seminar On “Digitalizing Government Infrastructure: How BIM is Shaping Public Sector Projects In Malaysia”

**DATE:**



**24 Jan 2026  
(Saturday)**

**TIME:**



**9.00am - 1:00PM**

**VENUE:**



**Auditorium  
Malakoff,  
Wisma IEM, PJ**

## REGISTRATION FEE'S (subject to 8% SST)

	ONLINE FEE (NON HRDF Claimable) (Log-in for registration & payment: <a href="http://www.myiem.org.my/member/login.aspx">www.myiem.org.my/member/login.aspx</a> )	NORMAL FEE (HRDF Claimable) (By Email : Payment by cash, credit card, bank-in, Quotation & Invoice)
IEM Student Members	100.00	150.00
IEM Graduate Members	180.00	230.00
IEM Corporate Members	300.00	350.00
Non-IEM Members (Non of the Above)	500.00	550.00



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Auditorium Malakoff, Wisma IEM

# SYNOPSIS

Introduction of various solutions for data center installations. Enclosure solutions include racks as well as in-row This presentation highlights Malaysia's strategic approach to digitalizing public infrastructure through Building Information Modelling (BIM). Spearheaded by the Public Works Department (JKR), BIM implementation is reshaping how government projects are planned, designed, constructed, and managed. The session outlines the national BIM mandate, policies, and standards that guide project delivery, and how BIM supports lifecycle asset management across ministries and agencies. Drawing from real government use cases, it emphasizes the role of structured data, multi-agency collaboration, and digital governance in transitioning towards a smarter, more resilient infrastructure ecosystem. The presentation also addresses challenges such as competency gaps, legacy workflows, and fragmented systems—and proposes practical pathways toward achieving structured, open, and integrated digital project delivery in Malaysia. and in-rack cooling systems. Comprehensive grounding and bonding systems, lightning protection, and surge protection. Various innovation wire basket cable tray systems, seismic bracing, and easy-to-install hardware flexible busbar systems and braided power connections designed for high-density power applications.

In this seminar, we will showcase enormous solutions, highlighting how they simplify installation, enhance structural support, and improve overall efficiency in data center environments.

TIME	PROGRAMME
8.30 am - 9.00 am	Registration
9.00 am - 9.10 am	Introduction by Committee
9.10 am - 10.30 am	<b>Malaysia's Strategic BIM Implementation for Public Infrastructure</b> <ul style="list-style-type: none"><li>• National BIM mandate, policies and standards for government projects</li><li>• Role of JKR as the technical agency and driver of BIM adoption</li><li>• BIM implementation across planning, design, construction and asset lifecycle management</li><li>• Collaboration, digital governance and alignment with national development agenda</li></ul>
10.30 am - 10.45 am	Morning Tea Break
10.45 am 11.45 am	<b>Technical Session: Government BIM Use Cases &amp; Project Delivery</b> <ul style="list-style-type: none"><li>• BIM implementation in public sector projects</li><li>• BIM technologies for exchange information</li><li>• Integration of BIM for smarter asset and facility management</li><li>• Key lessons learned from government-led digital delivery projects</li></ul>
11.45 am - 12.45 pm	<b>Challenges &amp; Pathways Forward</b> <ul style="list-style-type: none"><li>• Addressing competency gaps and change management in the public sector</li><li>• Managing workflows through digital approach</li><li>• Transition towards structured, open and integrated digital delivery</li><li>• Challenges and its way forward</li></ul>
12.45 - 1.00pm	Q&A Session End of session
1.00 pm	Lunch



## Trainer: Ir. Ts. Mohd Faiz bin Shapiai



Ir. Ts. Mohd Faiz bin Shapiai is an experienced BIM leader with 18 years in civil and structural engineering. He leads BIM implementation for Malaysia's Public Works Department (JKR), driving digital transformation across government infrastructure projects. A Certified Revit Professional (Architecture & Structure), Master Trainer for BIM CIDB, and Vice Chairman II of Malaysia BIM Organization, he actively contributes to national BIM standards as Co-Opt Member of NSC 04/TC11 (BIM), Department of Standards Malaysia.

Ir. Ts. Faiz is also actively involved in BIM competency development for the National Occupational Skills Standard (NOSS) under JPK and CIDB, and serves as a Department Reference Expert for BIM at JKR Malaysia. He is a frequent speaker at international BIM forums, sharing practical insights from government-led BIM adoption and policy development.

## Moderator: Ir. Al-Khairi Mohd Daud



Ir. Al-Khairi Mohd Daud from Fageh Management has more than 30 years in engineering fields. Ir. Al-Khairi is passionate in understanding energy and practicing energy management. As such he has been the country expert for ASEAN Energy Management Accreditation Scheme (AEMAS) with Malaysia Green Technology and Climate Change (MGTC) that has trained certified energy managers (CEM) and accredited many organizations on Energy Management Gold Standard (EMGS) since 2010.

He is also a Registered Electrical Energy Manager (REEM) both with Energy Commission (EC) and Energy Commission of Sabah (ECoS) and a Professional Energy Manager under ASEAN Centre of Energy AEMAS program. As part of his journey on energy he explored the bioenergy where he practices Reiki, Aikido and Chiqong. Along the way he was introduced to Neurolinguistic Programming (NLP) to become the practitioner of NLP and the LAB profiles. He is currently the chairman for IEM Building Services Technical Division.





# Registration Form

REGISTRATION FEE'S (subject to 8% SST)		
	ONLINE FEE (NON HRDF Claimable) (Log-in for registration & payment: www.myiem.org.my/member/login.aspx)	NORMAL FEE (HRDF Claimable) (By Email : Payment by cash, credit card, bank-in, Quotation & Invoice)
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IEM Corporate Members	300.00	350.00
Non-IEM Members (Non of the Above)	500.00	550.00

Participant Registration form Email: syafiq@iem.org.my / ezzaty@iem.org.my				
No.	Name(s)	IEM Membership No.	NRIC / Passport No.	Fee (RM)
ALL FEES TO ADD (+ SST 8%)				
TOTAL PAYABLE				

**FULL PAYMENT** must be settled before commencement of the course, otherwise participants will not be allowed to enter the hall. If a place is reserved and the intended participant fails to attend the course, the fee is to be settled in full. If the participant failed to attend the course, the fee paid is non refundable. The Registration Fee includes lecture notes, refreshment and lunch.

For **ONLINE REGISTRATIONS**, please note that payment **MUST** be made **BEFORE the closing date**. If payment is not received within the stipulated time, the registration fee will be reverted to the normal registration fee.

**Organisation :** .....

**Contact Person :** .....

**Position:** .....

**Billing Address:** .....

.....

**Company Registration No :** ..... **Tax Identification (TIN no) :** .....

**Contact Details: Office No:** .....

**Email Address:** .....

**Date Submitted :** ..... **Handphone No:** .....



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