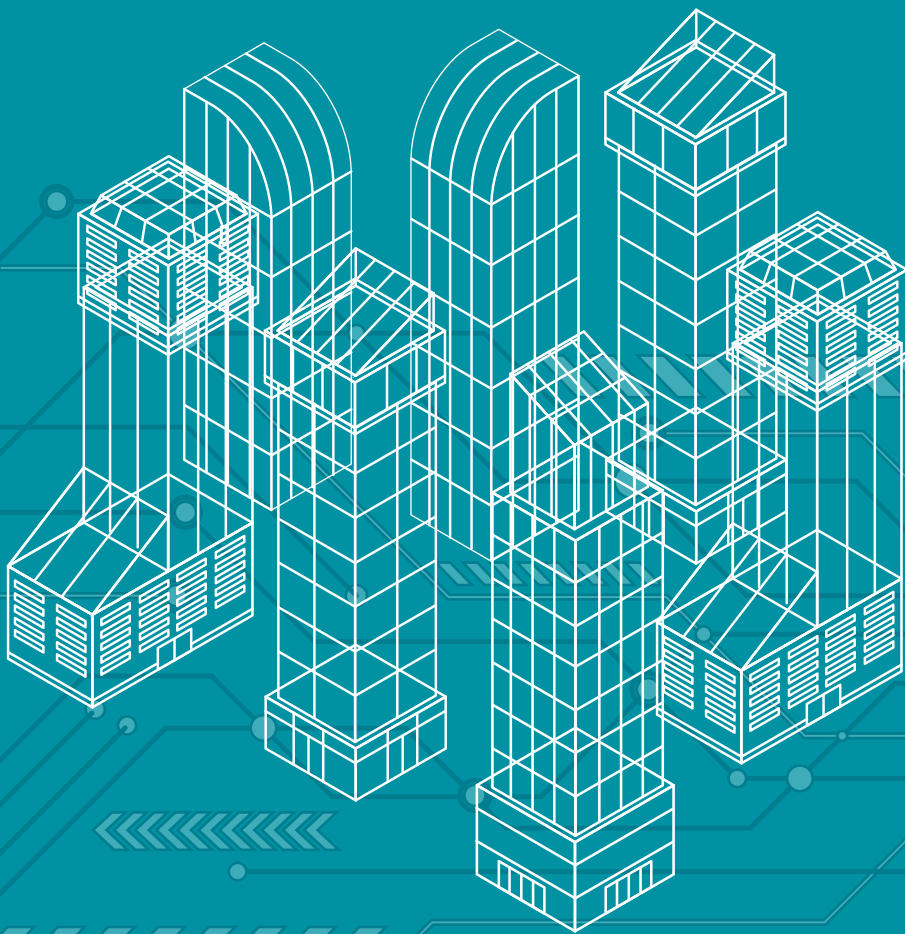


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# 6<sup>th</sup> Annual BIM Summit

4 – 5 September 2024

JW Marriott Hotel Kuala Lumpur, Malaysia



# 6<sup>TH</sup> ANNUAL BIM SUMMIT

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***BIM – A Passport to Global Opportunities and Transformative Collaboration."***  
– BSI Group

## EVENT OVERVIEW

The Building Information Modelling Market size is estimated at USD 8.72 billion in 2024 and is expected to reach USD 16.72 billion by 2029, growing at a CAGR of 13.90% during the forecast period (2024-2029). With the introduction of computer software, planning, and modeling for architecture have undergone a paradigm shift in recent years. Improvements in digital design tools, computer-controlled fabrication, connectivity, and interconnectedness have opened up a new stage of the design and build process. Building information modeling has seen a lot of expenditures and developments.

In Malaysia, the construction sector experienced significant growth during the second quarter of 2023 due to the use of BIM technology. The Department of Statistics Malaysia reported a substantial year-on-year increase of 8.1% in the value of work done, amounting to RM32.4 billion with the integration of BIM Technology. BIM is rapidly becoming essential in construction projects, and deep engagement with this technology significantly boosts project ROI by over 50%, as per Dodge Data & Analytics findings. Evolve Business Intelligent predicts that the global BIM construction market will surge from \$6.6 billion in 2022 to \$13 billion by 2033, marking a growth rate of 14.5% from 2023 to 2033. The Asia Pacific region is also anticipated to witness the fastest growth, with a projected CAGR of 19.1% from 2023 to 2033. Government initiatives aimed at enhancing productivity through standardized workflows are identified as the primary catalyst for BIM adoption, mirroring trends observed in countries like the UK, Australia, and South Korea, where BIM usage is compulsory for public projects

No one can quite tell how BIM will develop in the coming years, but one thing is certain we should all be there to follow it. After all, if the goal is to design and develop the best possible buildings, BIM is just the tool you need. Join us at the **6th Annual BIM Summit** to gather insights into the various methods and digital tools used to ensure the best and most effective implementation of BIM to help maximize your BIM strategies.

## WHY YOU CANNOT MISS THIS EVENT

- Understanding the development of BIM dimensions
- Exploring the full potential of BIM
- Determining the most effective BIM cross-platform integration
- Discovering the cost-efficient BIM implementation to boost up project's ROI
- Assessing the greater role of BIM in shaping future-built environments

## WHO SHOULD ATTEND?

**This event is targeted but not limited to:**

- CEOs, CIOs, COOs
- Project, Managing & Operations Directors
- Asset, Engineering, Quality Control & Facility Managers
- BIM Managers
- Civil, Mechanical & Structural Engineers
- Architects and Design Consultants
- Contractors & Subcontractors
- Facility Owners & Operators

**VPs/ Directors / Heads / Managers of:**

- Construction
- Onsite Construction
- Onsite Manufacturing
- Project Management
- Onsite & Prefabrication
- Civil Engineering
- Structural Engineering
- Property Development
- Infrastructure
- Architecture
- Drafting Design

**From the following industries:**

- Engineering & Construction
- Manufacturing & Prefabrication
- Design & Architecture
- Project Management
- BIM Consultancy
- Government Administration

FOR FURTHER DETAILS, CONTACT

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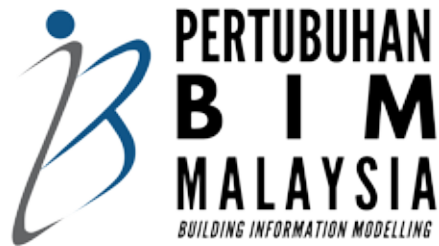
## EVENT PARTNERS



<https://cbuild.com/>



<https://www.ilamalaysia.org/>



<https://www.pertubuhanbim.org.my/>



<https://www.iflaapr.org/>



<https://www.myset.org.my/>

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## FEATURING PRESENTATIONS AND CASE STUDIES BY DISTINGUISHED SPEAKERS



**Sheikh Abdur Rafie**  
Project/Design Engineer  
**Engineering Aids Sdn Bhd,**  
Malaysia



**Zulkanain Wahed**  
Senior Architect  
**China Communications Construction**  
**ECRL (M) SDN BHD, Malaysia**



**Chen Sern Wee**  
Deputy Country Manager  
**Turner International Malaysia Sdn Bhd,**  
Malaysia



**Ronan Collins**  
Digital Engineering Manager  
**HSS Engineers, Malaysia**



**Liz Cueva Jones**  
Associate, Regional Design Technology  
Manager, Asia Pacific and Middle East  
**Gensler, Singapore**



**Frederico Ramos**  
Principle  
**Aedas, Singapore**



**Jose Salvador Salvosa**  
Senior Architectural & Façade Coordinator  
**China Construction (South Pacific)**  
**Development Co., Singapore**



**Izham Zuhairy Bin Ramlee**  
BIM Engineer  
**IJM Corporation Berhad, Malaysia**



**Raymond Chow**  
Senior Structural Engineer &  
BIM Manager  
**Arup Jururunding Sdn. Bhd.,**  
Malaysia



**Ts. Ahmad Aizuddin Saad**  
BIM Engineer & Coordinator  
**Leighton Asia, Malaysia**



**Tuah Hamid**  
Digital Engineer  
**AECOM, Malaysia**



**Muhammad Maamin Abdul Malik**  
Senior Design Engineer  
**Shanghai Tunnel Engineering Co.,**  
Ltd, Singapore



**Dr. Yvonne Wong**  
Head of Design (Buildings)  
**Ramboll Singapore**



**Azril Amir Jaafar**  
Group Principal & Director  
**VERITAS Design Group, Malaysia**



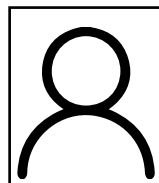
**Norizwan Bin Zainal**  
Senior BIM Coordinator - CIDB Certified  
**Samsung C&T Corporation, Malaysia**



**Maggie Wu Wai Chung**  
Director & Founder  
**SOTI Design Studio, Hong Kong**



**Lin Junyao**  
Senior Manager ( BIM ) for  
infrastructure contractor  
**Chan & Chan Engineering Pte Ltd,**  
Singapore



**Razak Wong**  
Managing Director  
**Geodelta Systems Sdn Bhd, Malaysia**

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## Day One: Wednesday, 4 September 2024

0800 **Registration & Coffee**

0850 **Chairperson Welcome Address**

0900 **Session One**

### **Diminishing Data Loss Between GIS and BIM For Large Scale Infrastructure Developments**

- Use open data formats to ensure compatibility between GIS and BIM platforms
- Ensure consistent data updating and synchronization between GIS and BIM databases
- Encourage cross-disciplinary knowledge sharing to improve understanding and collaboration

**Liz Cueva Jones**, Associate, Design Technology Manager, Asia Pacific & Middle East

**Gensler, Singapore**

0945 **Session Two**

### **Parametric Modeling and BIM for Structural Engineering**

- Enhanced accuracy in structural analysis and design through detailed modeling and simulation
- Early detection of design conflicts and potential issues, reducing the risk of costly errors during construction
- Enables quick exploration of various design alternatives and optimization based on specific criteria and constraints

**Chow Han Seng (Raymond)**, Senior Structural Engineer & BIM Manager

**Arup Jururunding Sdn. Bhd, Malaysia**

1030 **The Speed Networking - The Mad Minutes!**

*Fun and fast, this networking activity is a great opportunity to grow your connections*

1100 **Morning Refreshments**

1130 **Session Three**

### **After 40 Years of BIM, How Can We Learn to Thrive in the Upcoming AI Revolution?**

- Reflection on the Achievements and Challenges of BIM Implementation: Discuss the impact of the first implementation of BIM and its significance in the construction industry
- BIM as a Source of Potential Ideas: Highlight how BIM can be leveraged to deal with the challenges posed by the upcoming AI Revolution and share potential strategies and approaches
- The Road Ahead: Discuss the future of BIM implementation, technological advancements, and the integration of AI in the construction industry

**Frederico Ramos**, Principle

**Aedas, Singapore**

1215 **Session Four**

### **BIM Interoperability – Centralized Approach for BIM and Structural Model**

- Addressing Data Exchange Gaps: Exploring how the lack of data exchange avenues between tools used by structural engineers (e.g., Robot, Excel) and BIM authoring software (e.g., Revit) creates the opportunity for establishing a dynamic, two-way communication link between the BIM model and the structural model
- BHoM for Interoperability: Demonstrating the role of Building Habitat Object Model (BHoM) as a crucial framework for enabling seamless data exchange and interaction between various software tools
- Integrating Tools for Efficiency: Showcasing the integration of Revit, Robot, Excel, Grasshopper, and BHoM to facilitate instant updates to Revit section members by extracting data from design spreadsheets, thus eliminating the need for manual changes by modelers

**Tuah Hamid**, Digital Engineer

**Aecom, Malaysia**

1300 **Networking Luncheon**

1400 **Session Five**

### **Unlocking BIM's Full Potential: Integrating Reality Capture, Drones, Augmented Reality & mobile for Construction**

- Efficiency: Rapid site surveys and data collection
- On-site Visualization: Superimpose digital models onto physical spaces
- Streamlined Renovations: Facilitates better planning and execution

**Ronan Collins**, Digital Engineering Manager

**HSS Engineers, Malaysia**

1445 **Session Six**

### **4D/5D BIM Dimensions: Integration of Time and Cost in 3D Model for Construction Management**

- Schedule Integration: Links project schedules (Gantt charts, CPM schedules) with the 3D model
- Construction Sequencing: Visualizes construction sequences over time, aiding in planning and coordination.
- Project Monitoring: Enables real-time tracking of project progress against the schedule

**Norizwan Bin Zainal**, Senior BIM Coordinator - CIDB Certified

**Samsung C&T Corporation, Malaysia**

1530 **Afternoon Refreshments**

1600 **Session Seven**

### **BIM – Powered Modular Construction: Augmenting BIM to Establish Agile Workflow and Cost-Effective Projects**

- A Journey to Modular Construction Strengthened by BIM
- Effective Work Sequence Planning
- Financially Efficient Projects

**Jose Salvador Salvosa**, Senior Architectural/Facade Coordinator

**China Construction, Singapore**

1645 **Session Eight**

### **BIM – Powered Modular Construction: Augmenting BIM to Establish Agile Workflow and Cost-Effective Projects**

- Seamless Integration of Modular Design
- Digital Fabrication
- Supply Chain Integration

**Ts Ahmad Aizuddin Bin Saad**, BIM Engineer & Coordinator

**Leighton Asia, Malaysia**

1730 **Session Nine**

### **Missing puzzle in BIM construction lifecycle**

- Field to BIM / Scan to BIM
- BIM to Field
- Thought of true digital twin

**Lin Junyao**, Senior Manager ( BIM ) for infrastructure contractor

**Chan & Chan Engineering Pte Ltd, Singapore**

1815 **End of Day One**

FOR FURTHER DETAILS, CONTACT

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## Day Two: Thursday, 5 September 2024

0800 **Registration & Coffee**

0850 **Chairperson Welcome Address**

0900 **Session One**

### **Merdeka 118 - BIM Adoption and Challenges**

- Facilitated detailed and accurate 3D modeling.
- Better scheduling and resource allocation through BIM tools.
- Handling and maintaining large volumes of data generated by BIM

**Chen Sern Wee**, Deputy Country Manager

**Turner International Malaysia Sdn Bhd, Malaysia**

0945 **Session Two**

### **Design Process Modelling to Assess Designer Productivity Improvements through BIM Adoption**

- The building design process often involves rework, which can negatively impact construction projects, particularly in terms of designer productivity
- Design process modeling is a useful method to understand, analyze, and identify rework loops in building design processes. It also provides suggestions for areas of improvement
- With the introduction of BIM into the building design process, the complexity of the rework loop (involving the processes, people, and deliverables) can be analyzed by design process modeling to assess the impacts

**Dr. Yvonne Wong**, Head of Design (Building)

**Ramboll, Singapore**

1030 **Morning Refreshments**

1100 **Session Three**

### **Importance of BIM Execution Plan Document**

- Clarifies tasks and duties of each team member
- Promotes uniformity in data management and exchange
- Mitigates risks of misunderstandings and errors

**Muhammad Maamin Abdul Malik**, Senior Design Engineer

**Shanghai Tunnel Engineering Co. (Singapore) Pte Ltd, Singapore**

1145 **Session Four**

### **A New Paradigm for Visual Interactive Modeling and Simulation for Construction Projects**

- Real-Time Rendering: Implements real-time rendering engines for instantaneous updates to models and simulations
- High-Definition Visuals: Provides high-definition, photorealistic visuals to enhance the understanding of complex designs and project elements
- Gesture Controls: Utilizes gesture recognition technology for hands-free interaction with models

**Azril Amir Jaafar**, Group Principal & Director

**VERITAS Design Group, Malaysia**

1230 **Networking Luncheon**

1400 **Session Five**

### **Collaborative in BIM**

- Welding simulation & Cloud computing system
- Quality Control & Real-time Data Exchange

**Sheikh Abdur Rafie**, Project & Design Engineer  
**Engineering Aids Sdn Bhd, Malaysia**

1445 **Session Six**

### **BIM and AI Integration: Reinforcing Predictive Maintenance to Save Costs and Minimize Downtime**

- A digital representation of the physical and functional characteristics of a facility
- Technology enabling machines to perform tasks that typically require human intelligence
- Real-time data and analytics support informed decisions

**Zulkanain Wahed**, Senior Architect

**China Communications Construction ECRL (M) SDN BHD, Malaysia**

1530 **Afternoon Refreshments**

1600 **Session Seven**

### **Advancing Sustainability through AI-Driven BIM: Revolutionizing Construction and Beyond**

- Optimized Design and Construction
- Intelligent Building Operations and Maintenance
- Sustainable Urban Planning and Infrastructure

**Maggie Wu Wai Chung**, Director & Founder

**SOTI Design Studio, Hong Kong**

1645 **Session Eight**

### **The Role of BIM in Risk Management**

- Discuss how BIM can help identify and mitigate risks in construction projects
- Share strategies for using BIM to improve safety and reduce project uncertainties
- Highlight the importance of proactive risk management in the construction industry

**Izham Zuhairy Bin Ramlee**, BIM Engineer

**IJM Corporation Berhad, Malaysia**

1730 **Session Nine**

### **Asset Information Management (AIM) Digitalization & As-built Verification Using BIM Approach.**

- Centralized Data Repository: AIM digitalization involves creating a centralized database for storing and managing all asset-related information, enhancing accessibility and collaboration
- Clash Detection: BIM software can identify and resolve conflicts between different building systems (e.g., HVAC, electrical, plumbing) in the as-built stage, preventing costly rework
- Quality Assurance: As-built verification using BIM helps ensure that construction meets design specifications and quality standards, reducing the risk of defects and non-compliance

**Razak Wong**, Managing Director

**Geodelta Systems Sdn Bhd, Malaysia**

1815 **End of Conference**

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## COMPANY DETAILS

Name	Industry
Address	
Postcode	Country
Tel	Fax

## ATTENDEE DETAILS

1	Name	Job Title
	Tel	Email
2	Name	Job Title
	Tel	Email
3	Name	Job Title
	Tel	Email
4	Name	Job Title
	Tel	Email
5	Name	Job Title
	Tel	Email

## APPROVAL

NB: Signatory must be authorised on behalf of contracting organisation.

Name	Job Title
Email	
Tel	Fax
Authorising Signature	

## REGISTRATION FEES

	10% discount for ILAM members
End of July 2024	MYR 4995 + 8% SST (Per Delegate)
End of August 2024	MYR 6995 + 8% SST (Per Delegate)
1st September 2024 onwards	MYR 8995 + 8% SST (Per Delegate)

All options inclusive of delegate pack, luncheon and refreshments.

## PAYMENT METHODS

Payment is due in 5 working days. By Signing and returning this form, you are accepting our terms and conditions.

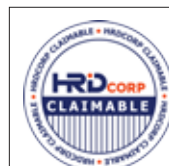
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Take a Snapshot or Scan and Email us

## TERMS & CONDITIONS

- The course fee is inclusive of the event proceedings, materials, refreshment and lunch.
- Upon receipt of the complete registration form, invoice will be issued. Trueventus request that all payments be made within 5 working days of the invoice being issued. Full payment must be received prior to the event. Only delegates that have made full payment will be admitted to event. Clients are responsible for their own banking fees and banking fees will not be absorbed into the booking price.
- Substitution & cancellations policy. Should the registered delegate is unable to attend, a substitute delegate is welcome at no extra charge. Written notifications of all substitutions is required 5 working days prior to the event. Trueventus contracts carry 100% full liability upon receipt of registration. Non payment does not constitute cancellation. A 100% of cancellation fee will be charged under the terms outlined below: Due to limited event seats, Trueventus agrees to book and confirm the seat for the client upon issuance of invoice. Upon signing of this contract, client agrees that in case of dispute or cancellation of this contract Trueventus will not be for total contract value. If a client does not attend the event without written notification at least 5 working days prior to the event date, he/she will be deemed as no show. A no show at the event still constitutes that the client will have to pay the invoice amount that was issued to them. Trueventus does not provide refunds for cancellations. By signing this contract the client also agrees that if they cancel that Trueventus reserves the right to pursue monies owned via the use of local debt collection agency were the client is situated. Furthermore the client will be held liable for any costs incurred in collection of outstanding monies. When any cancellations are notified in writing to Trueventus 5 working days prior to the event, a credit voucher will be issued for use in future Trueventus events.
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- All Trueventus events are held at either 5 or 4 Star Hotels.
- All payment must be directed to Trueventus in full prior to the event. Any company's participating in National training schemes such as HRDC Scheme and are applying grants you must first pay Trueventus and upon you receiving the grant you will be refunded this amount back. Failure to pay prior to the event can result in your company being blocked from joining the conference.
- All transaction charges, withholding taxes, local taxes, or currency exchange issues will be strictly absorbed by sender. Trueventus reserves absolute right to refuse admission of participants to the event should invoice amount is not received in full.



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