

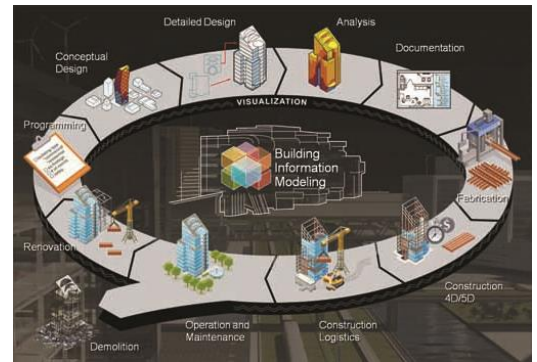


BIM SYMPOSIUM 2015

“Connected BIM – The Way Forward”

INTRODUCTION

This Symposium aims to encourage the adoption of Collaborative BIM to make the quantum leap. Invited speakers with actual experience in implementing Collaborative BIM methodology will share their success factors reaped, challenges and pitfalls that they encountered. It is a full-day conference with exhibition where BIM vendors and solution providers will demonstrate their latest capabilities on how to leverage BIM to realize our built environment more appropriately and efficiently, improving construction quality and efficiencies. Therefore, no generic talk about how good BIM is but focus on real benefits that can be realized so that the audience can learn and gain it immediately.



PROGRAMME HIGHLIGHTS

CASE STUDY: A TOTAL BIM APPROACH FOR EFFECTIVE COLLABORATION

Mr Khoo Poh Bin, Deputy Managing Director, DCA Architects Pte Ltd

BIM is a powerful tool to be harnessed throughout the life cycle of a project, from design to construction to facility management and financial information on operational cost of the building. As a BIM Award Platinum winner (Organization), DCA Architects will share some of the latest BIM collaboration processes and workflow in their key projects, achieved through collective efforts of their project teams comprising the client, consultants, main contractors and sub-contractors. Amongst the processes are BIM coordination on site, cloud coordination using BIM A360, site checking using BIM 360 Glue (App), BIM to 3D printing, 4D scheduling and 5D quantity take offs with BIM. The effective collaboration processes enables developers the opportunity to gain a competitive advantage with significantly improved productivity, timely delivery of project and overall higher standard of buildings.

BIM APPROACH ADOPTED FOR CAPITAGREEN

Mr Alan Chew, AVP, Project Management, CapitaLand Commercial Limited

Mr Lai Soong Hai, Senior Manager, Product Development & Design, CapitaLand Limited

Mr Tsukasa Ishizawa, Takenaka Corporation

This presentation will outline the BIM implementation route undertaken by Design & Build Main Contractor, Takenaka for CapitaGreen project from design development to practical handover and highlight the benefits derived in the process. Notwithstanding the steep learning curve based on an expedited project completion schedule, the team has built a single BIM from which a multitude of complex outputs can be derived. Amongst these, 10 key accomplishments will be shared in the presentation alongside practical insights for reconciling the dilemmas between modelling requirements and the realities of construction to meet the exacting demands on productivity.

THE NEW WORLD OF CONNECTED BIM

Mr Rob Phillipot, SVP, Product & Engineering and Co-Founder, Aconex

Connected BIM simplifies multidimensional model management – bringing teams, model data and project data together on a single online collaboration platform easily share, visualize, coordinate, review, mark up and enrich models directly from your web browser. Based on Open BIM standards and aimed at PAS1192 support, let's experience the full benefits of BIM collaboration, including a complete set of workflow linked handover information, clash management and an audit of all decisions, without the pain of specialized software.

CASE STUDY: ASIA SQUARE TOWER – COLLABORATIVE APPROACH IN PROJECT DELIVERY

Ms Ooi Wen Chuen, Associate, Architects 61 Pte Ltd

Architects 61 will share Asia Square Tower's experience in leveraging technology to implement collaborative approach in the project delivery process, the strength of customized workflow management approach that enhances cross-discipline coordination, minimizes disputes, delivers and surpasses project deadlines.

DETAILS

Date: 21 Sep 2015

Time: 9.00am to 5.00pm
(Registration starts at 8.30am)

Venue:

**Grand Copthorne Waterfront
Hotel Singapore**

392 Havelock Road
Singapore 169663

Waterfront Ballroom, L2

TARGET AUDIENCE

**Developers,
Architects,
Builders,
M&E and C&S Consultants,
Project Directors & Managers,
Quantity Surveyors,
Sub-Contractors**

CPD ACCREDITATION

BOA-SIA: Pending

PEB: Pending

SPM: Pending

SISV: Pending

PROGRAMME HIGHLIGHTS (CONT'D)

BEYOND BIM: LEVERAGING MOBILE TECHNOLOGY TO IMPROVE ON-SITE MANAGEMENT AND CUSTOMER ENGAGEMENT

Mr Denis Branthonne, Chief Executive Officer, Novade Solutions

While 3D modelling is being adopted by the industry, most processes in the field continue to be managed with paper forms and spreadsheets. However technologies such as cloud computing and mobile applications are on the verge of fundamentally transforming on-site project management. The combination of these technologies delivered at an affordable cost creates the opportunity to redefine and optimize almost all processes. One of the most striking examples is defect management during the handover phase. By adopting mobile solutions, the management of inspection, rectification process and communication with customers can be dramatically improved. This presentation will cover three areas - trends on digital adoption in real estate industry and comparison with other industries; description on how mobile technology can improve on-site management and customer engagement, and successful example on projects in Singapore.

EMBRACING COLLABORATIVE BIM – THE TIONG SENG EXPERIENCE

Mr Lim Tee Yoke, Senior Manager, Tiong Seng Contractors (Pte) Ltd

Mr Ye Zaw Lin, Corporate BIM Manager, Tiong Seng Contractors (Pte) Ltd

A successful BIM collaboration requires clearly defined goals that are well-suited for the project, strong willingness to collaborate, adequate level of BIM competency and clear understanding on how information and data can be exchanged amongst project members. Tiong Seng will be sharing its experiences in embracing collaborative BIM from a builder's perspective.

CASE STUDY: MIXED DEVELOPMENT AT TANJONG PAGAR – THE JOURNEY WITH BIM

Ms Bianca Goh, Associate, Architects 61 Pte Ltd

The Mixed Development at Tanjong Pagar has started early with BIM, since Design stage and through to Construction phase. This presentation shares the experience of BIM collaboration between different disciplines and across borders with foreign consultants. BIM became a "common language" that binds the team.

COST MANAGEMENT IN BIM: WHAT ARE WE DOING AS QUANTITY SURVEYORS

Mr Eugene Seah, Group Managing Director, Langdon & Seah Singapore and ARCARDIS City Executive, Singapore

This presentation discusses how Quantity Surveyors use BIM to carry out their cost management services and the challenges they face. There will be some case studies and samples to show how quantities are extracted and what quality criteria and quality the BIM model should be before this can happen.

RECENT LEGAL DEVELOPMENTS AND CURRENT PERSPECTIVE ON LEGAL ISSUES IN THE USE OF BIM

Mr Paul Wong, Partner, Rodyk & Davidson LLP

This presentation will discuss recent legal developments including the first ever reported BIM case and look at the key issues in trying to provide a legal framework for the use of BIM in Singapore.

PANEL DISCUSSIONS

MODERATORS:

- ✚ Dr Tan Kee Wee, Director, IT Department and Director, Centre for Construction IT, Building and Construction Authority**
- ✚ Dr Evelyn Teo Ai Lin, Associate Professor, Department of Building, National University of Singapore & Co-Director of NUS Centre of Excellence in BIM Integration**



REDAS BIM SYMPOSIUM 2015

“Connected BIM – the way forward”

21 September 2015 • 8.30am – 5.00pm • Grand Copthorne Waterfront Hotel

Programme Highlights

8.30 am – 9.00 am	REGISTRATION
9.00 am – 9.05 am	OPENING SPEECH BY CHAIRMAN OF REDAS PRODUCTIVITY COMMITTEE Mr Wong Heang Fine Group CEO, Surbana Jurong Private Limited
9.05 am – 9.35 am	CASE STUDY: A TOTAL BIM APPROACH FOR EFFECTIVE COLLABORATION Mr Khoo Poh Bin Deputy Managing Director, DCA Architects Pte Ltd
9.35 am – 10.05 am	BIM APPROACH ADOPTED FOR CAPITAGREEN Mr Alan Chew , AVP, Project Management, CapitaLand Commercial Limited Mr Lai Soong Hai , Senior Manager, Product Development & Design, CapitaLand Limited Mr Tsukasa Ishizawa , Takenaka Corporation
10.05 am – 10.35 am	THE NEW WORLD OF CONNECTED BIM Mr Rob Phillipot SVP, Product & Engineering and Co-Founder, Aconex
10.35 am – 11.05 am	MORNING BREAK
11.05 am – 11.35 am	CASE STUDY: ASIA SQUARE TOWER – COLLABORATIVE APPROACH IN PROJECT DELIVERY Ms Ooi Wen Chuen Associate, Architects 61 Pte Ltd
11.35 am – 12.05 pm	BEYOND BIM: LEVERAGING MOBILE TECHNOLOGY TO IMPROVE ON-SITE MANAGEMENT AND CUSTOMER ENGAGEMENT Mr Denis Branthonne Chief Executive Officer, Novade Solutions
12.05 pm – 12.35 pm	PANEL DISCUSSION (MORNING) Moderator: Dr Tan Kee Wee Director, IT Department and Director, Centre for Construction IT, BCA
12.35 pm – 2.00 pm	LUNCH
2.00 pm – 2.30 pm	EMBRACING COLLABORATIVE BIM – THE TIONG SENG EXPERIENCE Mr Lim Tee Yoke Senior Manager, Tiong Seng Contractors (Pte) Ltd Mr Ye Zaw Lin Corporate BIM Manager, Tiong Seng Contractors (Pte) Ltd
2.30 pm – 3.00pm	CASE STUDY: MIXED DEVELOPMENT AT TANJONG PAGAR – THE JOURNEY WITH BIM Ms Bianca Goh Associate, Architects 61 Pte Ltd
3.00 pm – 3.30 pm	TEA BREAK
3.30 pm – 4.00 pm	COST MANAGEMENT IN BIM: WHAT ARE WE DOING AS QUANTITY SURVEYORS Mr Eugene Seah Group Managing Director, Langdon & Seah Singapore and ARCARDIS City Executive, Singapore
4.00 pm – 4.30 pm	RECENT LEGAL DEVELOPMENTS AND CURRENT PERSPECTIVE ON LEGAL ISSUES IN THE USE OF BIM Mr Paul Wong Partner, Rodyk & Davidson LLP
4.30 pm – 5.00 pm	PANEL DISCUSSION (AFTERNOON) Moderator: Dr Evelyn Teo Ai Lin Associate Professor, Department of Building, National University of Singapore & Co-Director of NUS Centre of Excellence in BIM Integration
5.00 pm	END OF SYMPOSIUM

*Note: Topics and speakers may change due to unforeseen circumstances.



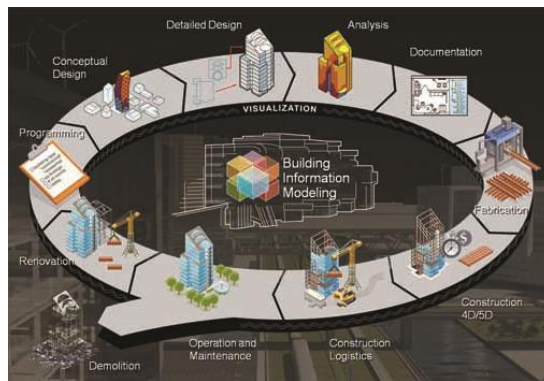
REDAS BIM SYMPOSIUM 2015

“Connected BIM – the way forward”

21 September 2015 | 8.30am – 5.00pm
Grand Copthorne Waterfront Hotel

CPD ACCREDITATION

- BOA-SIA: Pending
- PEB: Pending
- SPM: Pending
- SISV: Pending



PARTICIPANTS INFORMATION

	Participant	Participant	Participant
Name			
NRIC/Passport/ FIN No.			
Contact No.			
Designation			
Email			

*If there are >3 participants, please attach additional form with the indication of participants' details & endorsement of company stamp only.

COMPANY DETAILS

Billing Company

Mailing Address

Contact Person Designation

Tel No Email

Company Stamp

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PAYMENT

- REDAS Members S\$250
- Non-Members S\$300
- Group Registration of 10 participants S\$200

No. of Participants

x =

*Closing Date: 14 Sep 2015

Enclosed Crossed Cheque No. _____

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