



REDAS-SJ Online Course: Integrated Digital Delivery (IDD) Implementation For Your Project

Course Overview

Design and construction of built-assets is a complex time driven process, which requires close coordination between the owner, consultant, contractors, project manager and other building specialists. To deliver smart buildings, it is imperative to say that collaboration and integration of digital technologies across this wide spectrum becomes the key driving force. IDD tries to bridge this collaborative approach by a series of integrated digital technologies. To deploy IDD in the built environment, it is important for all the stake holders of the project to understand the goals / objectives and the underlying principles and technologies of IDD such as Building Information Modelling (BIM), Virtual Design & Construction (VDC), Augmented Reality & Virtual Reality (AR/VR), Computational Design, Digital Assets Management, and international standards for project delivery and information management such as ISO-19650. There is bright scope for IDD in the future, which might encompass using computers and digital technologies such as AI and Machine learning for Building Design and Automation, Robotics & IOT for construction and maintenance of buildings.

This half-day course is designed to educate developers and their value chain partners how IDD will impact the entire life cycle from design to fabrication to construction to maintenance. The intended audience are all the members of a project team.

EVENT DETAILS

Date: 16 September, Thursday
Time: 2.00pm – 5.30pm
Venue: Zoom
Fees: S\$267.50 (REDAS Members)
 S\$321.00 (Non-Members)
*(*the quoted prices are inclusive of GST)*
CPD: Pending



For eligible members of the Singapore Business Federation (SBF), this Capability Upgrading activity qualifies for support under the SBF Rising in Support of Enterprises (RISE) Programme.

Who Should Attend

Building Owners, Developers, Project Managers, Architects, MEP Engineers, Quantity Surveyors, FM Service Providers, Contractors

Course Structure

- IDD Scope & Content
- Digital Design
- Digital Fabrication
- Digital Construction
- Digital Asset Management

Learning Outcomes

At the end of this course, participants should be able to:

- Have a clear understanding on the scope of IDD processes;
- Understand and appreciate various processes of IDD;
- Appreciate various tools and technologies involved in implementing IDD.

Trainer's Profile



Mr Chandrashekhhar Hampiholi
Principal BIM Manager
Surbana Jurong Consultants Pte Ltd

Having more than 30 years of international industry experience in Architecture, Project Management & Construction, Chandra's expertise extends beyond into the realms of Digital Design such as CAD, BIM, GIS, IDD & Computational Design. He is able to lead Project teams in implementing IDD processes such as BIM documentation and Virtual Design and Construction. He has successfully delivered large-scale projects in the capacity of BIM Manager / BIM Lead in Singapore and elsewhere in the world.

Currently as Principal BIM Manager at Surbana and Jurong, Chandra is spearheading the deployment of BIM and IDD processes in various verticals of the organisation. He is also responsible of the BIM and IDD governance and maintains the BIM and IDD standards for Surbana Jurong. As a part of BIM deployment in the company, Chandra is also responsible for training large segment of Architects and other building professionals in BIM and Computational tools on a regular basis.

Inclusive of a 15mins' sharing session on:

- 1) Case studies of developers embarking on transformational journey.
- 2) Comparison of platforms in the market place



By Ms Karen Kang
Head of Solutions, CS Global Group

Karen is the Head of Solutions for CS Global Group. She has successfully help clients in streamlining and transform their processes to improve efficiencies. She believes in using technologies to improve the lives of people. Karen is conversant in project collaboration platforms, quality and safety management systems, cost estimating solutions and has given industry talks and trainings in various events.

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16 September 2021, Thursday | 2.00pm – 5.30pm

Registration Type	<i>*please select one only</i>
<input type="checkbox"/> Corporate / Company-Sponsored	<input type="checkbox"/> Individual

Company Information	
Full Company Name :	
Billing Address :	
Contact Person :	Designation :
Contact No :	Email :
<i>*Note: Contact Person and/or course participants will be notified of any event update.</i>	Company Stamp:

Payment Information		
Registration fees (inclusive of 7% GST)	No. of Participants	Amount (S\$)
<input type="checkbox"/> REDAS Members – S\$267.50		
<input type="checkbox"/> Non-Members – S\$321.00		
Total =		S\$
<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> Payment Mode : <input type="checkbox"/> Cheque <input type="checkbox"/> PayNow / PayLah! <input type="checkbox"/> Bank Transfer <i>*Please select your preferred mode of payment during registration.</i> <i>*Should you require to register REDAS as a supplier/vendor, please send across your company supplier/vendor form across upon registration.</i> </div> <div style="width: 50%;"> <input type="checkbox"/> E-Invoice (for statutory boards/govt only) <ul style="list-style-type: none"> ▪ Sub-BU Code : _____ ▪ Department : _____ ▪ Attention to : _____ </div> </div>		
<p><i>*Full payment has to be made before the seminar and in Singapore Dollars (SGD), subjected to prevailing GST.</i></p> <p><i>*Cheque should be crossed and made payable to "REDAS" with the invoice no. indicated on back of the cheque, and mail to 190 Clemenceau Avenue, #07-01 Singapore Shopping Centre, Singapore 239924. Any bank charges incurred as a result of bank/telegraphic transfers will have to be borne by your company.</i></p> <p><i>*Please be advised that no refund or cancellation will be allowed after the issuance of Tax Invoice, Confirmation Letter and/or "No Show". Should the participant be unable to attend, a substitute delegate is always welcome.</i></p>		

Participants Information			
	(1)	(2)	(3)
Full Name			
Designation			
Email			
Contact No.			
PEB / SPM / SISV QS Reg No.			

Please complete this registration form and email Ms Elaine Dang at elaine@redas.com.

Thank you very much.