



INTRODUCTION TO BIM/VDC

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-
- Active Participation
 - ON your video camera
 - Gadgets on DND mode
 - Put water bottles – keep yourself hydrated

- No spamming
- Keep yourself on mute
- Ask relevant Questions in Q&A session
- No other works

CONTENTS :

- Learning Objectives of BIM
- How we get there?
- Myths about BIM.
- What is BIM/VDC?

LEARNING OBJECTIVES

- Understand the effect of digital transformation and recognize BIM global adoption.
 - Define BIM, identify BIM benefits for industry professionals, and BIM implementation requirements.
 - Understand BIM as a technology, identify open BIM and exchange standards and work with BIM uses.
 - Explain BIM Maturity levels, recognize UK BIM Level 2 and ISO 19650 Standards, and identify how BIM Level 2 influenced ISO 19650.
 - Identify ISO 19650 BIM terminology, concepts, and principles and the detailed requirements of an ISO 19650 BIM compliant project.
 - Understand the key elements of BIM; the tools, guidelines, and industry standards that support BIM implementation.
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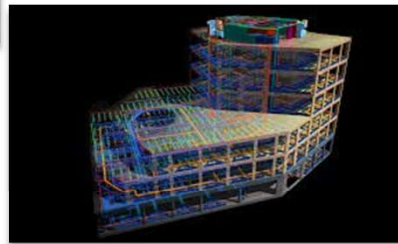
How did we get here?



Manual
Drafting



CAD



BIM

Building Information Modelling

CLOUD COLLABORATION
CLOUD COLLABORATION



Debunking the myths about BIM Conti...

Building Information Modelling... debunked

- **Some say it's a tool to solve clashes...** BIM does not solve clashes but rather allow team members to easily spot and rectify the clashes.
- **Some say it's a software...** BIM is more of a mentality or a process rather than “just a software”.
- **Some say it's a 3D model...** There is more to BIM than just drawing in three dimensions. Although 3D is the most prominent component of BIM, 3D is just a small part of a complicated process.
- **Some say it's a database...** BIM is a powerful tool for managing data and information all throughout the life of a facility or a building that involves processes, technologies, and people, but do have lot many features to offer apart from database management.

Debunking the myths about BIM

- Some say it **ONLY BENEFITS** the Designers & Contractors... As mentioned earlier, BIM generates a data-rich model platform. Hence, it helps all participants and stakeholders of a project.
- Some say it's a construction Trend...it is far from being a trend. The key concepts of the evolution of BIM explain that BIM is a long time coming and has more to offer to the construction sector as it evolves along with technology.
- Some say it's expensive... Evidently, there will be upfront costs as company shifts to a new system from a traditional one. These costs, however, should always be measured against their long-term benefits. BIM is certainly not expensive.
- Some say it's only for “big” projects... BIM is not restricted to large and public sector projects. Even small projects benefit from BIM implementation.

So What is BIM/VDC?

Conti...

Building Information Modeling (BIM) is the holistic process of creating and managing information for a built asset. Based on an intelligent model and enabled by a cloud platform, BIM integrates structured, multi-disciplinary data to produce a digital representation of an asset across its lifecycle, from planning and design to construction and operations or



So What is BIM/VDC?

Building Information Modeling (BIM) is an intelligent 3D model-based process that gives architecture, engineering, and construction (AEC) professionals the insight and tools to more efficiently plan, design, construct, and manage buildings and infrastructure.

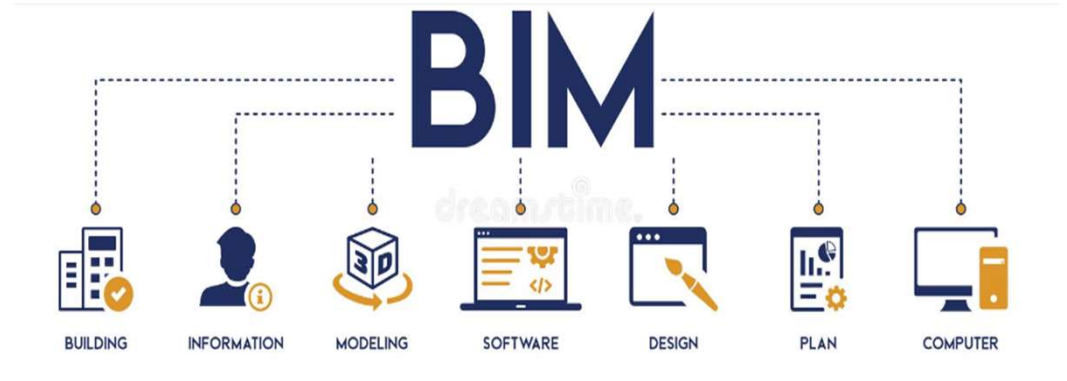
CAD helps people draw...

***BIM** helps people Design, Construct and Manage*



So What is BIM/VDC?

Building Information Modeling (BIM) is a revolutionary technology that is transforming the way we design and construct buildings. BIM allows architects, engineers, and contractors to collaborate and share information in real-time, resulting in more efficient and cost effective projects.



Thank you



REACH ME THROUGH

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