

Introduction

Just google "benefits of BIM" and one will find over 16million search results.

If the benefit of BIM is so well documented and if it is so well known, then **why** isn't every stakeholder in the Malaysian construction industry bought into implementing BIM on their projects?

In Haskell, an industrial leader in design-build construction method, we have used BIM in our projects for over 10 years.

One of quickest **ways** to realize the benefits of BIM on a project is to **implement BIM during pre-construction stage**.

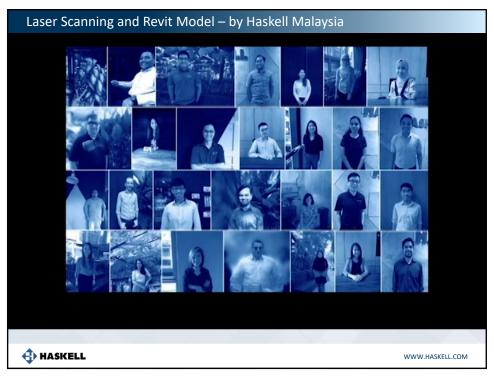
This responsibility is undertaken by Haskell's **virtual construction team**.

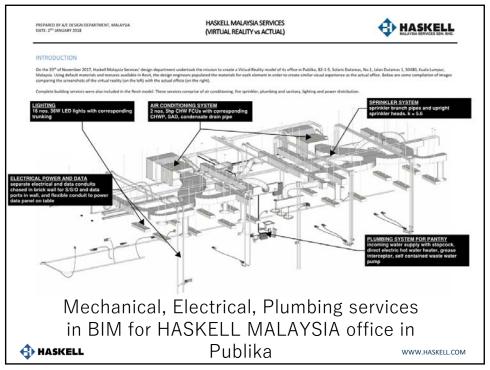
This talk focuses on the roles and responsibilities of Haskell's virtual construction team.

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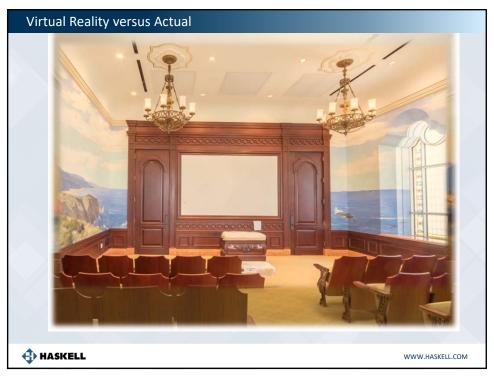


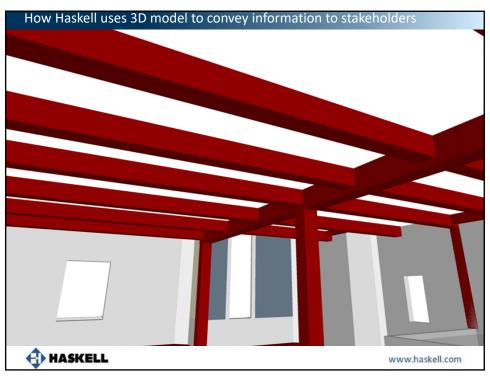


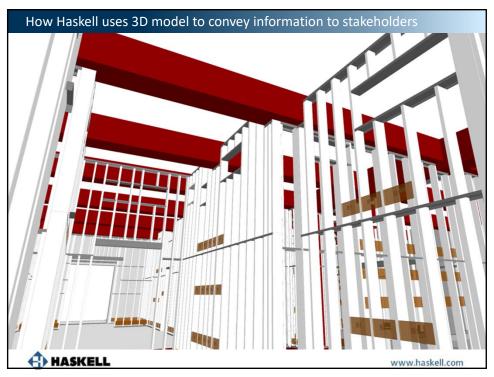


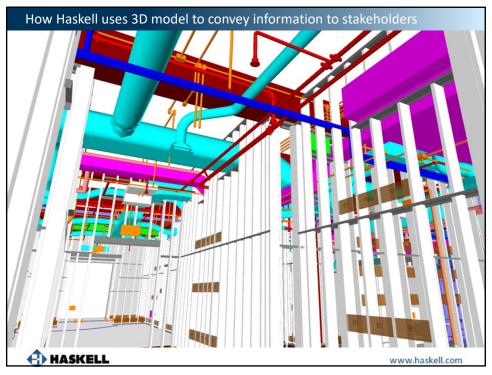


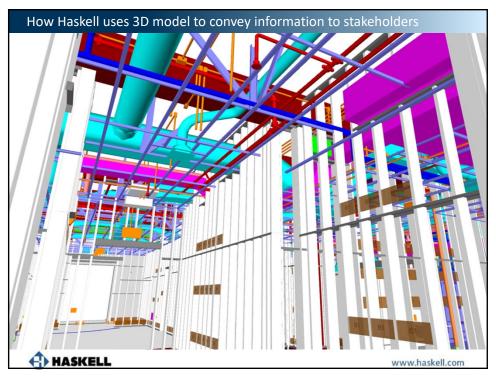


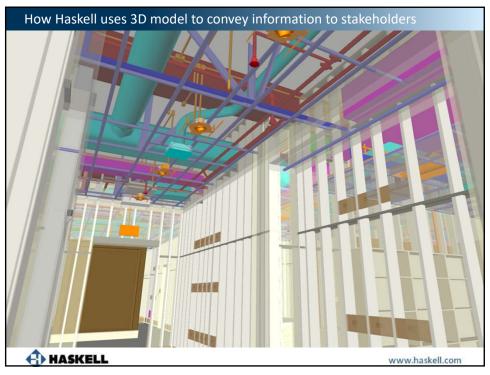


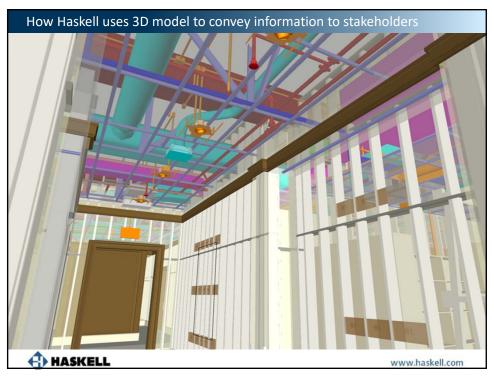






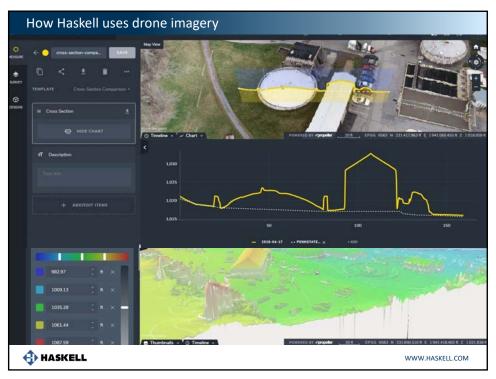


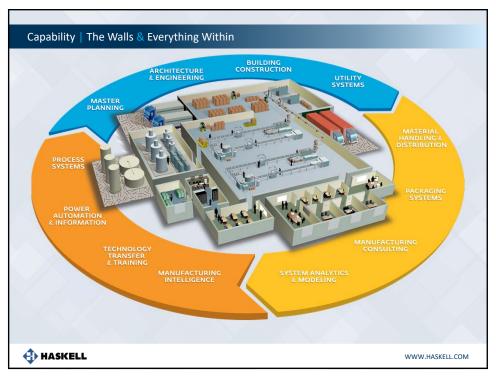


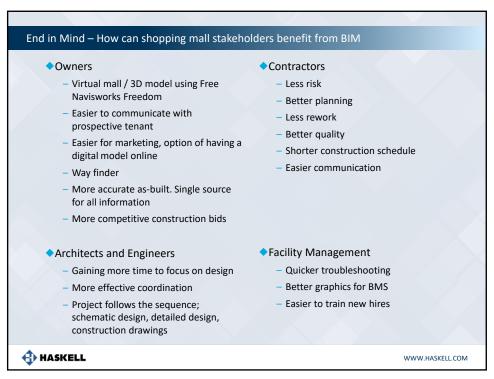


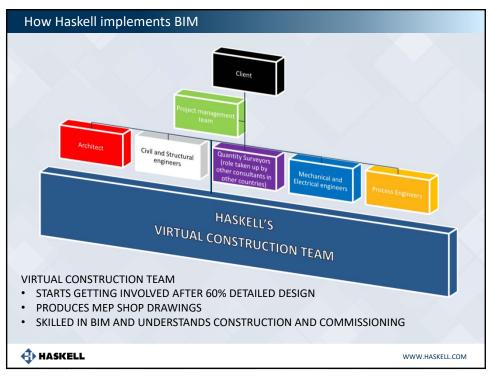












Haskell's Virtual Construction STRATEGY

- Owner Project Requirements End in Mind
- ◆BIM Execution Plan set scope, responsibilities, boundaries
- ◆ Virtual Construction team starts after 60% detailed design
- ◆BIMTrack (corporate license) for clash detection documentation and tracking
- Resolving design and construction clashes inputs based on engineering facts and from construction experience
- Shop drawing production of MEP with setting out
- Ensuring understanding of BIM workflow in all stakeholders, including sub con, and construction workers
 - Impossible for the guys on the ground to implement something which they do not understand
 - Cannot ignore the human element
 - Eg. Supervisor with 30 years of experience choosing to ignore BIM shop drawings (TRUE STORY!)



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