

COMPANY

ONG&ONG

LOCATION

Singapore

SOFTWARE

Autodesk® BIM 360® Design**Autodesk® BIM 360® Docs****Autodesk® Revit®**

Sustainable Design Firm Undertakes a Digital Transformation

ONG&ONG moves toward an enterprise-wide BIM adoption

BIM 360 Document Management and BIM 360 Design provide more mobility in addition to better collaboration between our regional offices and other project stakeholders. It is an interconnected ecosystem starting from design, project delivery and construction to management and it delivers ONG&ONG's IDD projects.

– **Daniels Chandra**

ONG&ONG

Director of Design Technology



Image courtesy of ONG&ONG

Introduction

Since 1972, ONG&ONG has been offering design, engineering, and project management solutions to its clients and is one of Singapore's top multidisciplinary sustainable design consultancies. In order to stay on top of technology trends within an ever-evolving industry, however, it's critical that the company is able to embrace change, specifically in the form of new and emerging tech. Over the last few years, this award winning company has been going through a digital transformation with BIM and has also recently adopted another a brand new collaborative digital platform.

Leading the Transformation

Daniels Chandra, ONG&ONG's Director of Design Technology, fronts the firm's digital transformation. With over 22 years of experience in the field, his primary focus within the organization has been to lead the firm's digital transformation by implementing BIM, Virtual Design & Construction, and Integrated Digital Delivery (IDD) technologies.

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Transitioning over to a Cloud-Based System

Implementation of new technology means transitioning to a cloud-based system. Cloud technology is new, so it implies a steep learning curve. It is also challenging to adopt a system that will suit a company's business model and be deployed for the entire organization. There are issues to contend with as well, such as down time particularly in regions where internet speeds are spotty and slower.

In order to help members of the organization adjust to a cloud-based system and all of the new digital technology, ONG&ONG hosts regular trainings for its employees. The company is adapting exceedingly well, too. By utilizing application of the model, they have been able to efficiently collaborate on a range of projects from multiple locations. ONG&ONG's "multi-disciplinary unified model" concept has been implemented and delivered successfully. Collaboration capabilities in Revit allow internal and external consultants and contractors to work together more effectively.

New Technology for a Low Carbon Economy

Adapting to an enterprise-wide digital transformation while training an entire organisation in BIM 360 technology is no easy feat. However, ONG&ONG's transition is leading to better, more sustainable buildings, a significant improvement in the overall efficiency of the organisation, and is of tremendous benefit to the environment.

ONG&ONG continues to push forward and embrace new and cutting-edge technologies, thus fulfilling their vision for steady growth, profit, and a healthier environment. With an ongoing mission to sustain a low carbon economy and preserve resources for future generations, the organisation is certainly making all the right moves by adopting new technologies that improve their processes, like BIM 360. They remain true innovators in the industry and continue to embrace technology to provide the best for their clients.

To learn more, visit: www.autodesk.com.sg/collections/architecture-engineering-construction