ADVENSER

PARTNERS IN ENGINEERING EXCELLENCE

SINCE 2007

COMPANY OVERVIEW

Advenser is a multinational, multi-disciplined engineering company delivering advanced engineering services & solutions to the construction industry through innovative practices, utilizing BIM and advanced technological tools. Since 2007, we have accumulated extensive experience in the AEC industry, delivering a variety of complex projects across multiple countries with a proven track record of success.

Our engineering team, with a workforce of more than 300+ Engineers with Architectural, Structural and MEP experience, have the expertise and skillsets to meet the demands of any complex project anywhere in the world. We streamline our services to match & adapt to your constantly evolving needs.

1K+
CLIENTS

20+
COUNTRIES

10K+
PROJECTS

300+
PEOPLE

ADVENSER DIFFERENTIATORS

Proven Expertise and Global Presence

Serving clients worldwide with a proven track record of successfully delivering complex projects.

Strong Focus on Quality and Accuracy

Multi-tiered quality checks ensure precise, error-free deliverables every time.

Flexible and Scalable Resource Pool

Easily scale teams up or down to match changing project needs without delays.

Competitive Pricing and Cost Predictability

Transparent, cost-effective pricing structures with no hidden surprises.

Technology-Driven Processes

Advanced tools and automation streamline workflows and maximize productivity.

Client-Centric Engagement

Personalized service and proactive communication tailored to your project goals.

Domain-Specific Teams

Dedicated specialists with deep industry knowledge for domain-specific solutions.

Robust Data Security

Strict compliance with global data protection standards to safeguard your information.

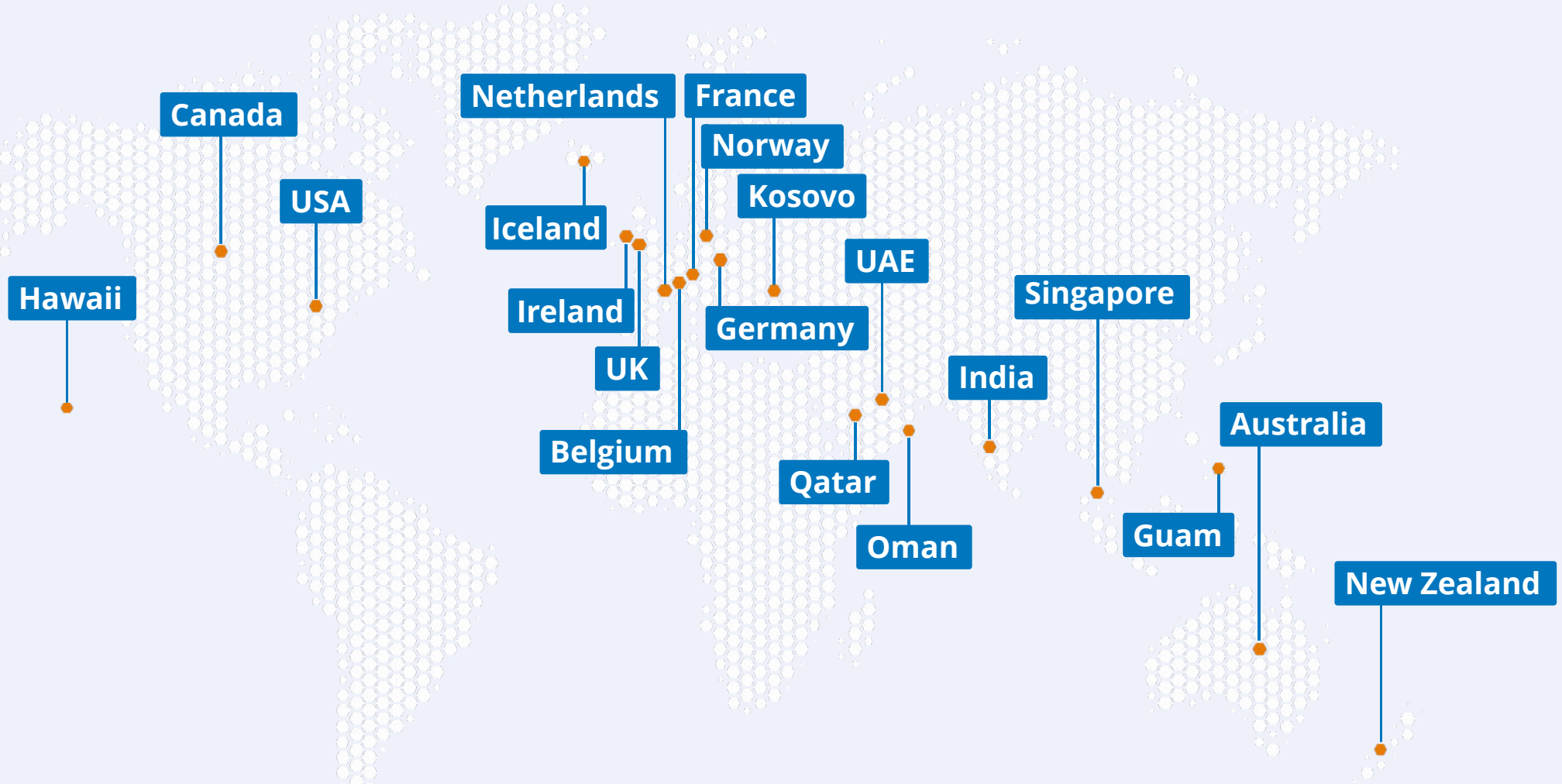
Onshore–Offshore Hybrid Support

A balanced delivery model that blends local presence with global execution strengths.

Commitment to Continuous Improvement

Continuous process enhancements to increase efficiency and deliver greater value.

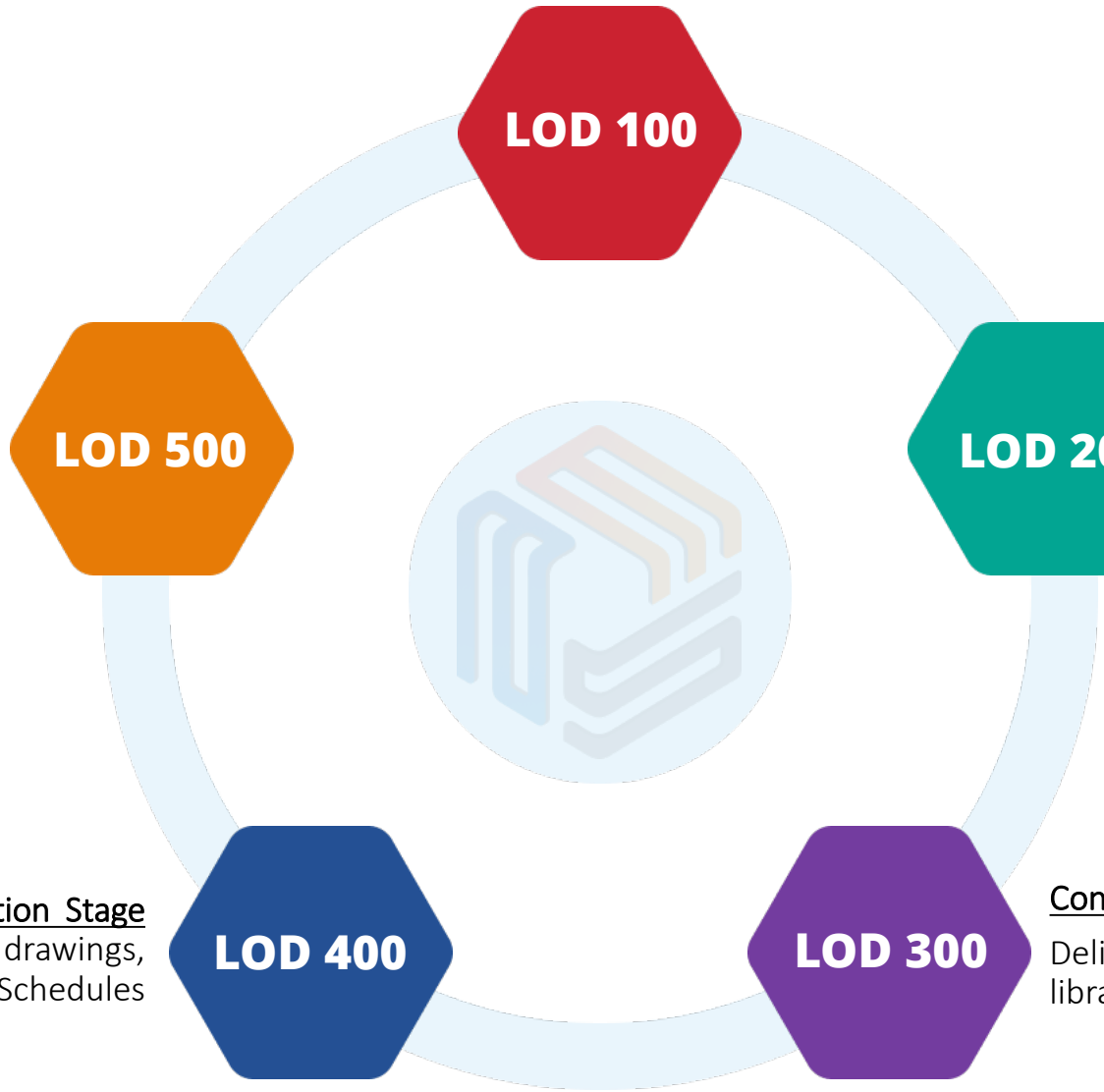
OUR CLIENT BASE



UNDERSTANDING VARIOUS LOD's

Conceptual Design Stage

Deliverables: Mass model, Conceptual model, Volumetric model



Design Development Stage

Deliverables: Progressive design model, CD sets,. Energy analysis model

Construction Stage

Deliverables: CD sets,. Parametric libraries, 3D Coordination

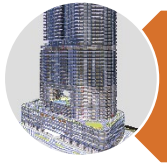
Fabrication Stage

Deliverables: Shop drawings, Procurement Schedules

Operation Stage:

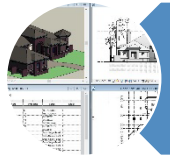
As-built model & drawings, Cobie data for Facility Management

OUR ARCHITECTURAL BIM SERVICES



3D MODELING & BIM

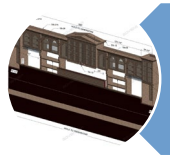
SCAN TO BIM



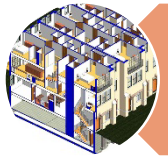
QUANTITY TAKE- OFF

COORDINATION WITH STRUCTURE & MEP

BIM FOR INTERIOR DESIGN & PROCUREMENT



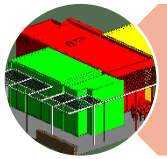
MILLWORK DETAILING



CONSTRUCTION DOCUMENTATION

REVIT FAMILY CREATION

BIM FOR ENERGY ANALYSIS



MODULAR BUILDING MODELING

COBIE SERVICES FOR FACILITY MANAGEMENT

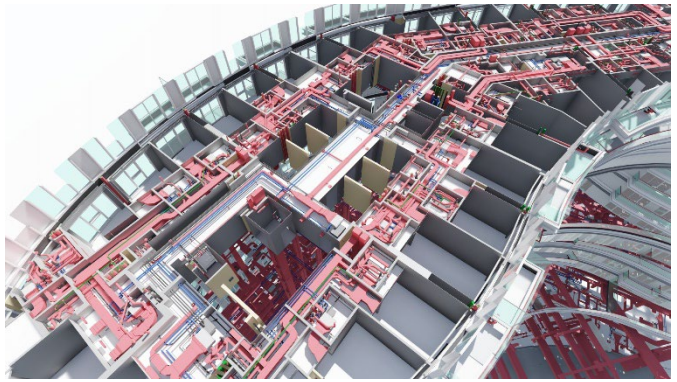
SITE & LANDSCAPE MODELING

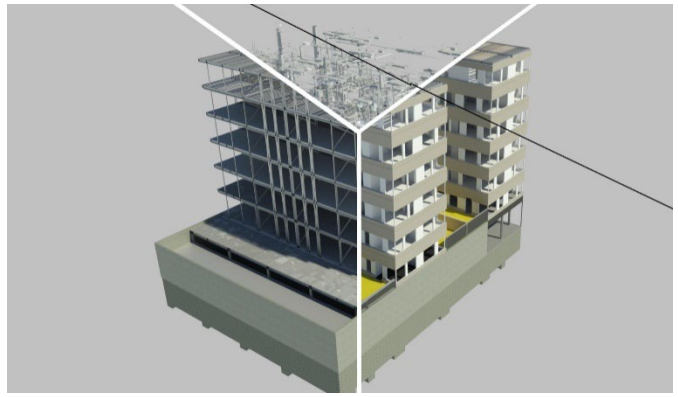
3D MODELING & BIM

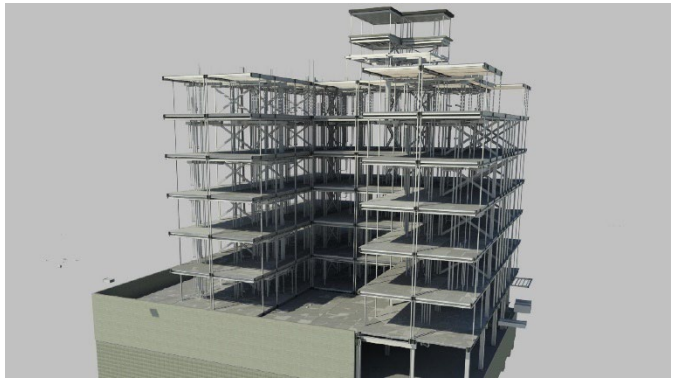
BIM has been a major driver in the transformation of architectural processes through the intelligent 3D software that allows architects to envisage what a completed design will look like in detail ahead of time.

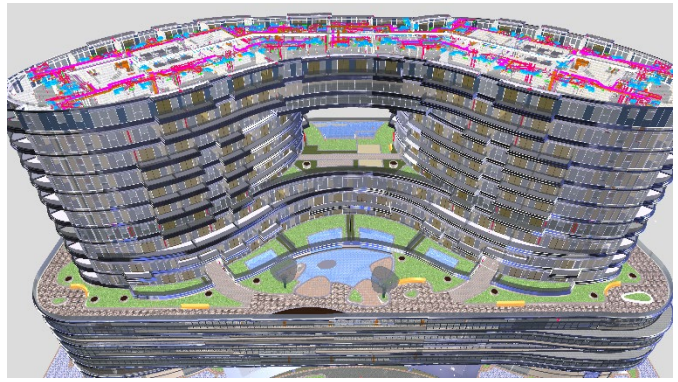
Across all stages of planning, designing, constructing and managing buildings, we help increase project cycle efficiency and cross-discipline integration.

COORDINATION WITH OTHER SERVICES





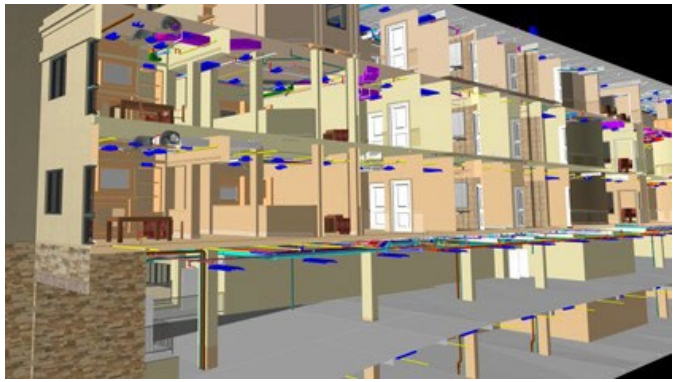


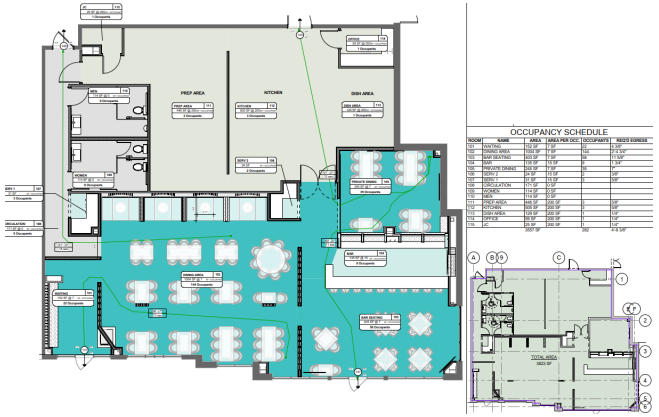


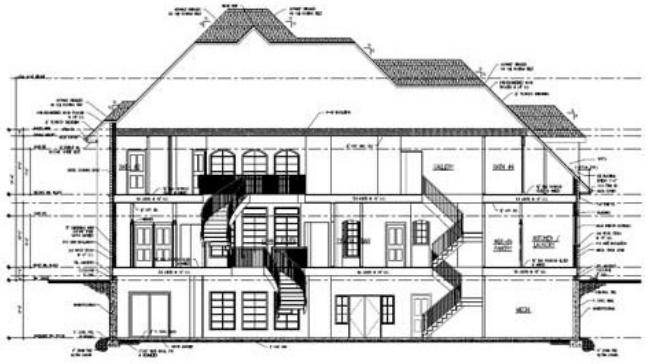
Seamless coordination of structural & MEP elements with Architecture allowing all systems to work in perfect synchronization & at the same time maintain the design intent.

Generation of Clash Reports, Resolution of Clashes and conducting BIM Coordination Meetings with contractors and other stake holders. Are one of the core services we offer for all trades.

CONSTRUCTION DOCUMENTATION



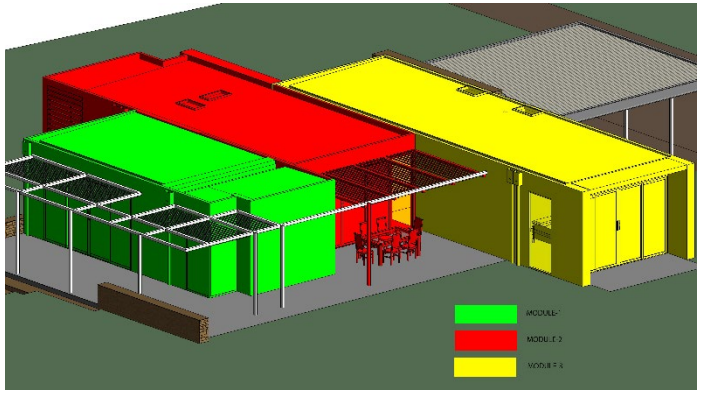


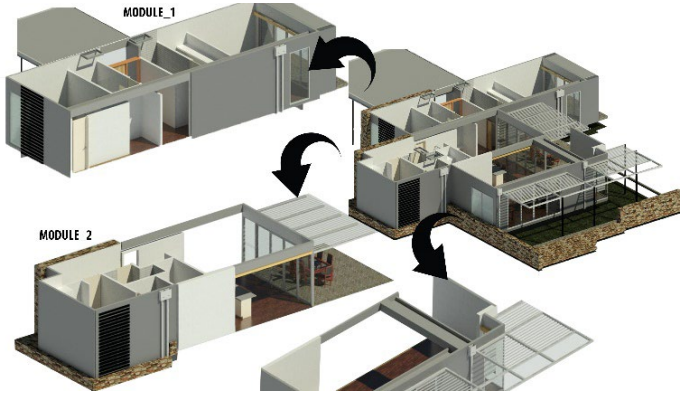


Architectural Construction drawings are generated during the design development stage after the planning drawings are approved, & include details such as floor plans, elevations, sections, reflected ceiling, roof & site plan, detail sheets, GA & assembly drawings.

The comprehensive BIM models we produce in consultation with the client are embedded with necessary information, parameters and specifics to generate accurate construction drawings & documentation.

BIM FOR MODULAR & PREFABRICATED CONSTRUCTION



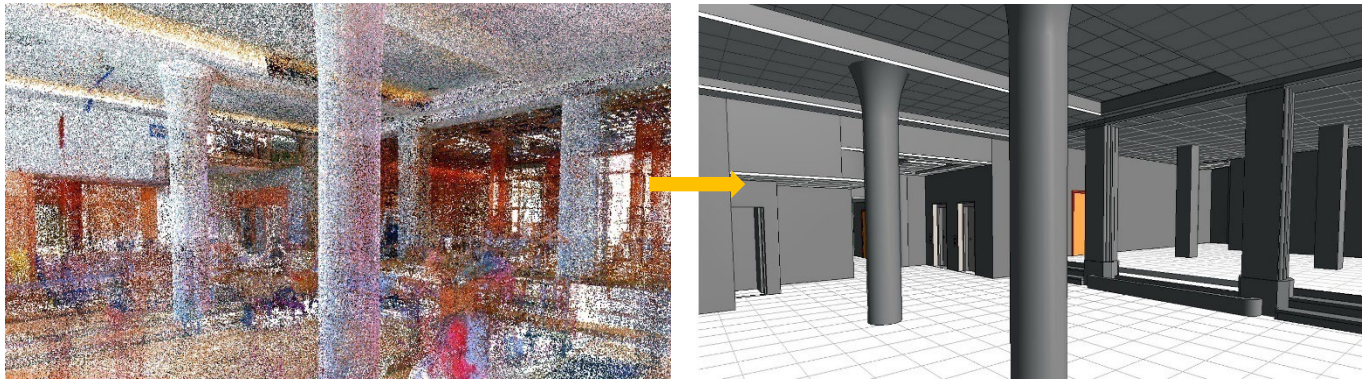


BIM acts as the integration tool for individual modules of a prefabricated modular construction. It allows a perfect and seamless fitting of individual embedded components in the building

We create 3D BIM modules for visualization of individual modules & the entire building integrating all modules. The accurate drawings generated from the models give sub-contractors precise measurements for the units to be prefabricated off-site.

SCAN TO BIM

A physical space or site is scanned by a 3d laser scanner to create an accurate digital representation of it. This representation can then be used for designing, assessing progress or evaluating option.



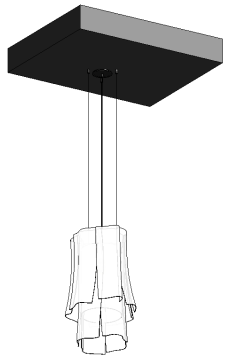
Scanned pointcloud file of an existing building is exported to a BIM platform by our experts to develop an accurate AS-Built model depicting the plumbing, walls, slabs, roof planes & terrains.

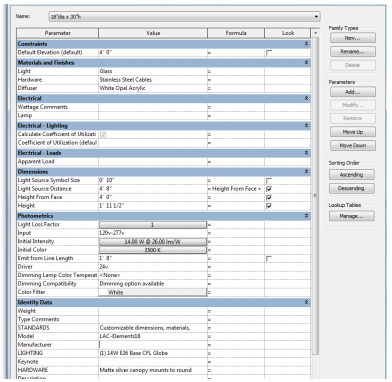
BIM FOR INTERIOR DESIGN & PROCUREMENT

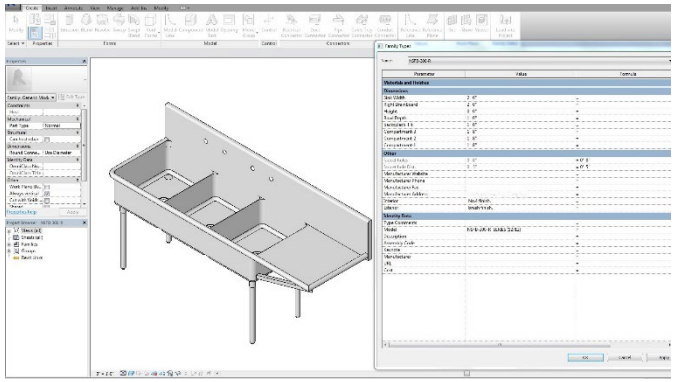
Every object placed in the model has parameters, such as model number and cost, from which the schedules pull their information. Designers can start scheduling furniture and equipment the moment an object is added into the model.

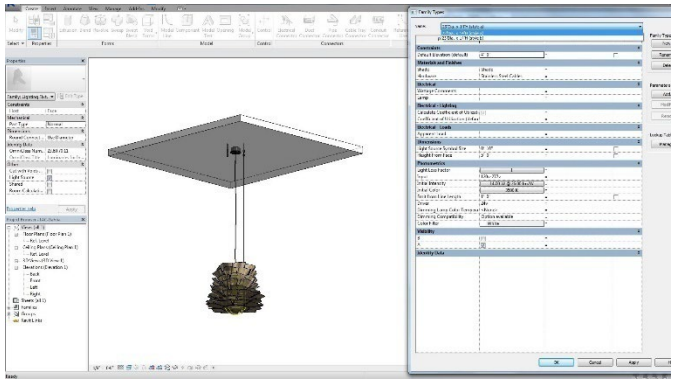
Our engineers help interior designers leverage the benefits of BIM in architectural and interior design aspects by applying intelligent modeling to the finishes, the fixtures, the area requirements and the furniture schedules.

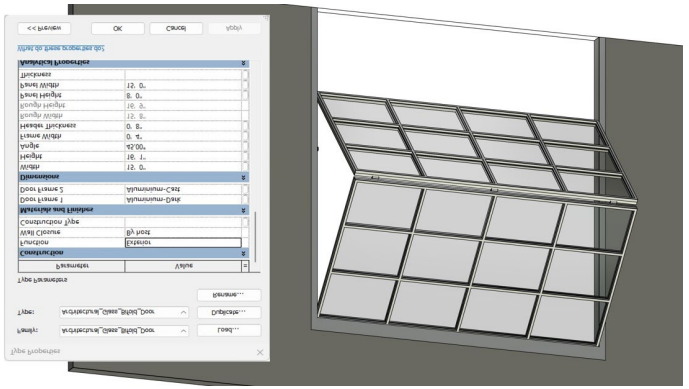
REVIT FAMILIES / PARAMETRIC LIBRARIES











BIM objects are a family of intelligent virtual 3D objects that provide detailed information of a product or component about its physical characteristics such as its geometry & visual graphical representation.

We provide parametric & non-parametric creation services for manufacturers, fabricators, architects & engineers for their product model catalogs, which can be downloaded directly by their customers from their websites..

COBIE DATA FOR FACILITY MANAGEMENT

Family: ST-ICL-CN | Load...
Type: TC10-FN | Duplicate...
Rename...

Type Parameters

Parameter	Value
Structural	
Section Shape	Not Defined
Dimensions	
x1	895.000
x2	100.000
x3	0.000
y1	0.000
y2	1100.000
b	2000.000
h	1678.000
y3	203.951
Identity Data	
Type Image	
Keynote	
Model	
Manufacturer	
Type Comments	
URL	
Description	
Assembly Code	
Cost	
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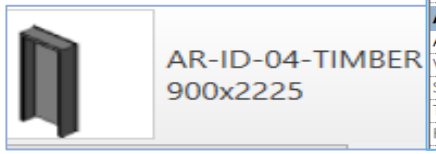
Type Mark	
OmniClass Number	23.25.30.11.14.11
OmniClass Title	Columns
Code Name	



Family: AR-ID-04-TIMBER | Load...
Type: 900x2225 | Duplicate...
Rename...

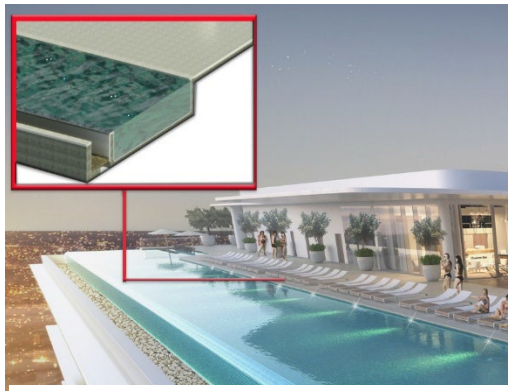
Type Parameters

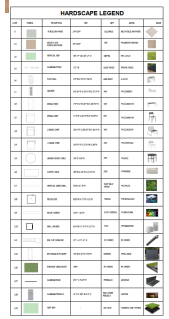
Parameter	Value
Construction	
Function	Interior
No.Of.Leaf	1
Wall Closure	By host
Construction Type	
Materials and Finishes	
Architraves	Architraves
DoorFrame	DoorFrame
NonFireRatedDoorShutter	DoorShutter
Dimensions	
Angle	90.000°
Height	2150.0
StructuralHeight	2225.0
StructuralWidth	900.0
SwingWidth	770.0
Width	750.0
Rough Width	
Rough Height	
Thickness	45.0
Analytical Properties	
Analytic Construction	<None>
Visual Light Transmittance	
Solar Heat Gain Coefficient	
Thermal Resistance (R)	
Heat Transfer Coefficient (U)	

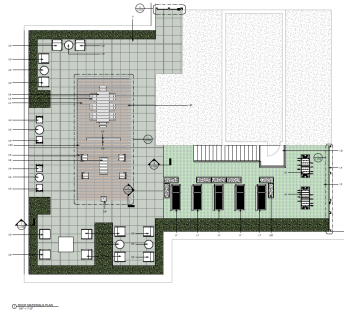
Construction Operations Building Information Exchange (COBie) is a non-proprietary data format for the publication of a subset of building information models (BIM) focused on delivering asset data as distinct from geometric information

Adverser follows COBie process for managing FM model incorporating information such as the make, cost, warranty, contact records & required product specifications.

SITE & LANDSCAPE MODELING



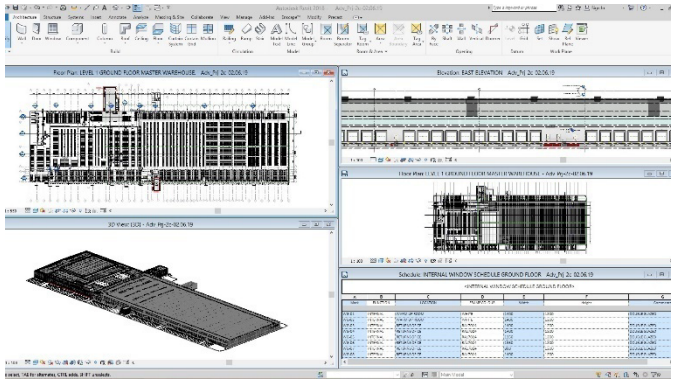


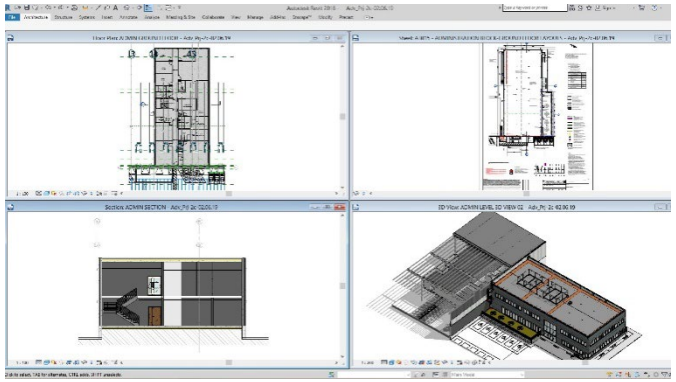


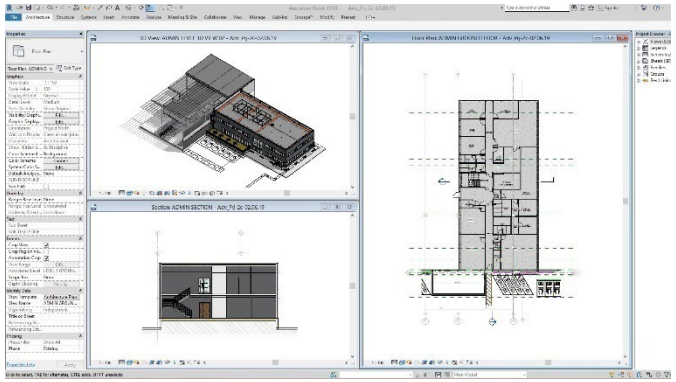
The main benefit of using BIM for site and landscape modeling lies not in its modeling prowess, but rather in the ways it enables communication among various designers

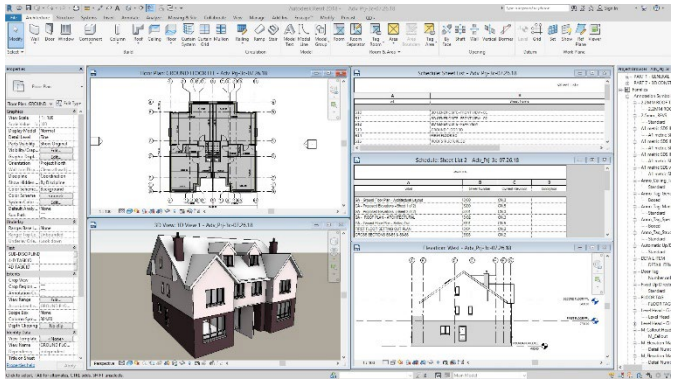
Utilizing BIM we help landscape architects to address details and construction issues in the early stages of project development

QUANTITY TAKE-OFF





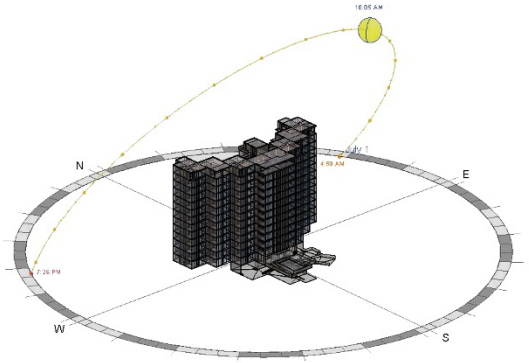


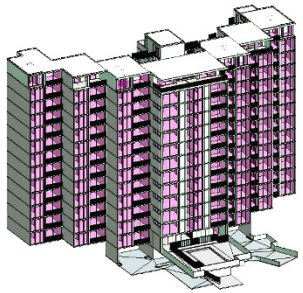


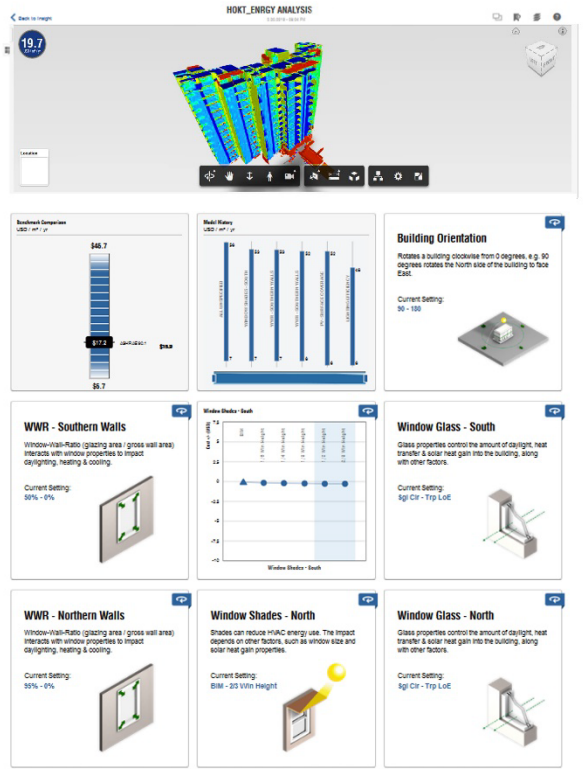
BIM enables extraction of measurements and material quantities straight from models that help material procurement

We can generate a list of all raw materials, parts, intermediates, sub-assemblies, etc., (with their quantities and description) required to construct, overhaul, or repair something

BIM FOR ENERGY ANALYSIS



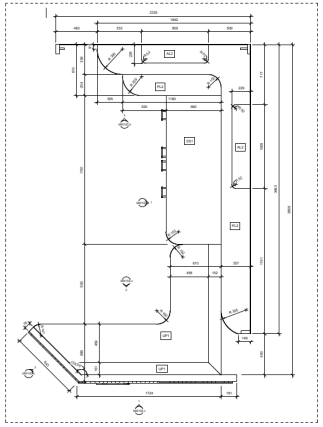




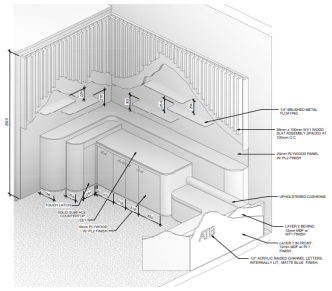
Energy modeling happens throughout the design process from concept through post-construction.

Adverser delivers models for energy analysis at the concept stage which has all spaces clearly defined and the model will be ready to be exported to gbXML format.

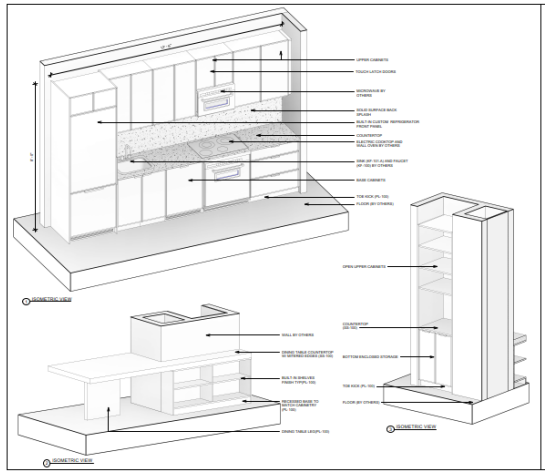
MILLWORK DETAILING

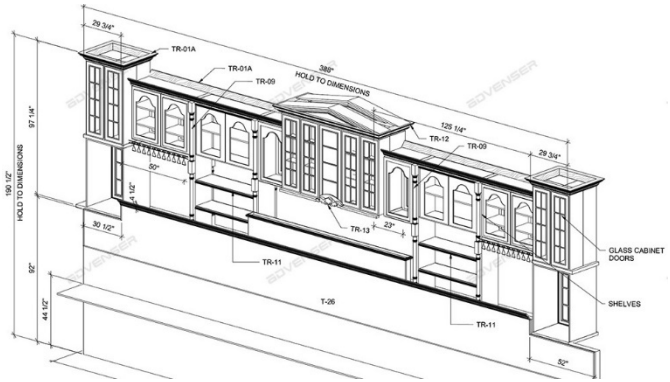


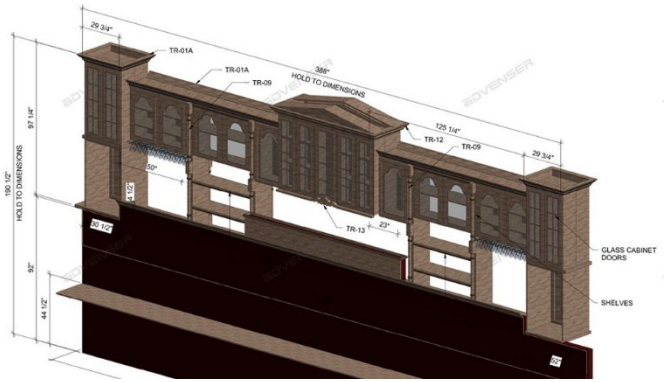
1 LOVE LOCAL - PLAN



2 LOVE LOCAL - 3D VIEW







From a simple cabinet to a luxurious star hotel lobby, we offer you a one-stop solution to your millwork shop drawing needs.

We have the expertise to produce essential plans, floor plans, elevations, section details, finish and hardware schedules for all sorts of millwork design.

BIM CONSULTING SERVICES

Since 2007, we have been assisting construction companies, general & specialty contractors in their migration to BIM from CAD. We act as a strategic BIM partner to the client educating and training them for seamless migration from CAD drafting to BIM implementation.

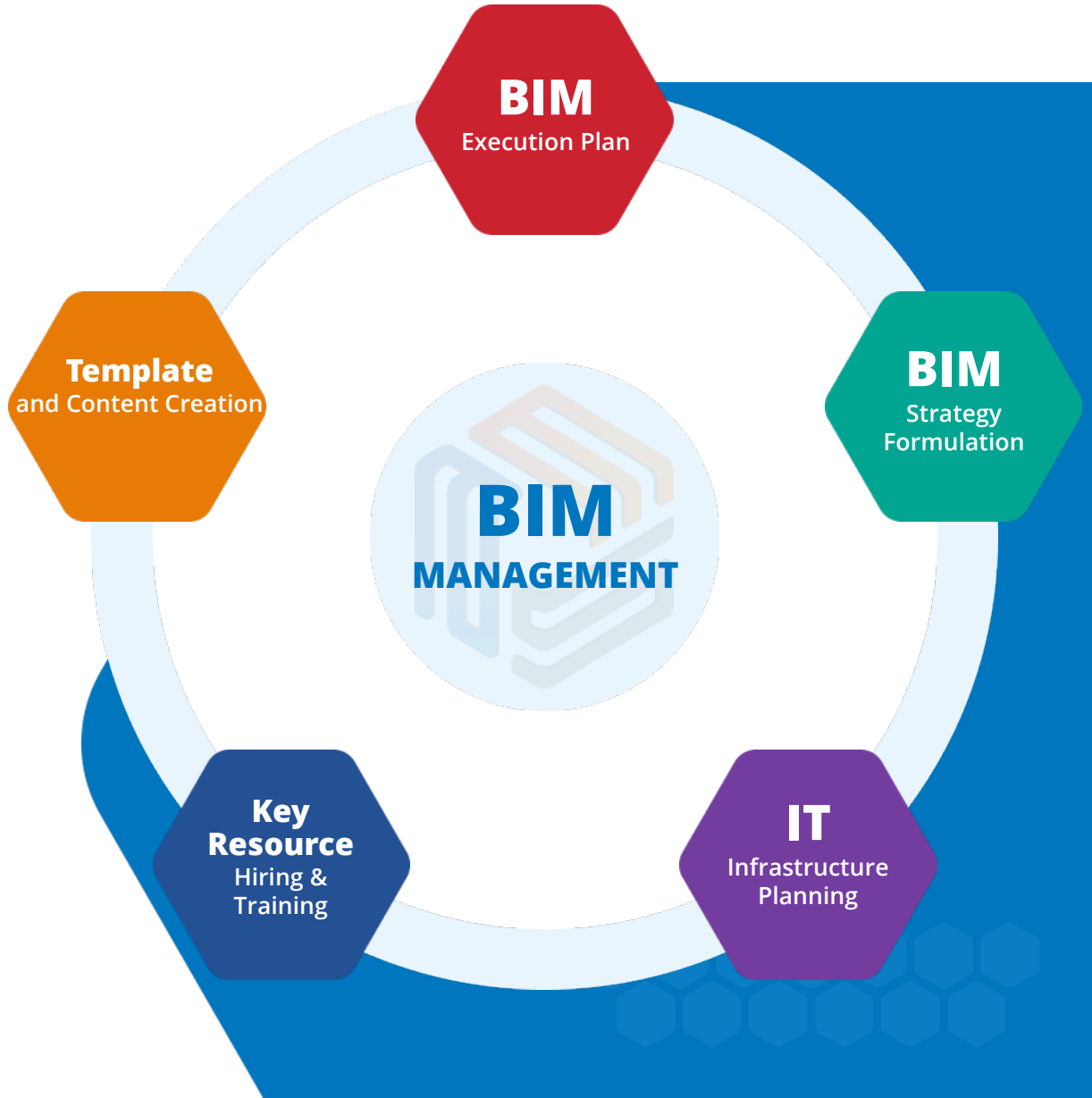
BIM MODEL AUDIT

OFFSHORE BIM TEAM

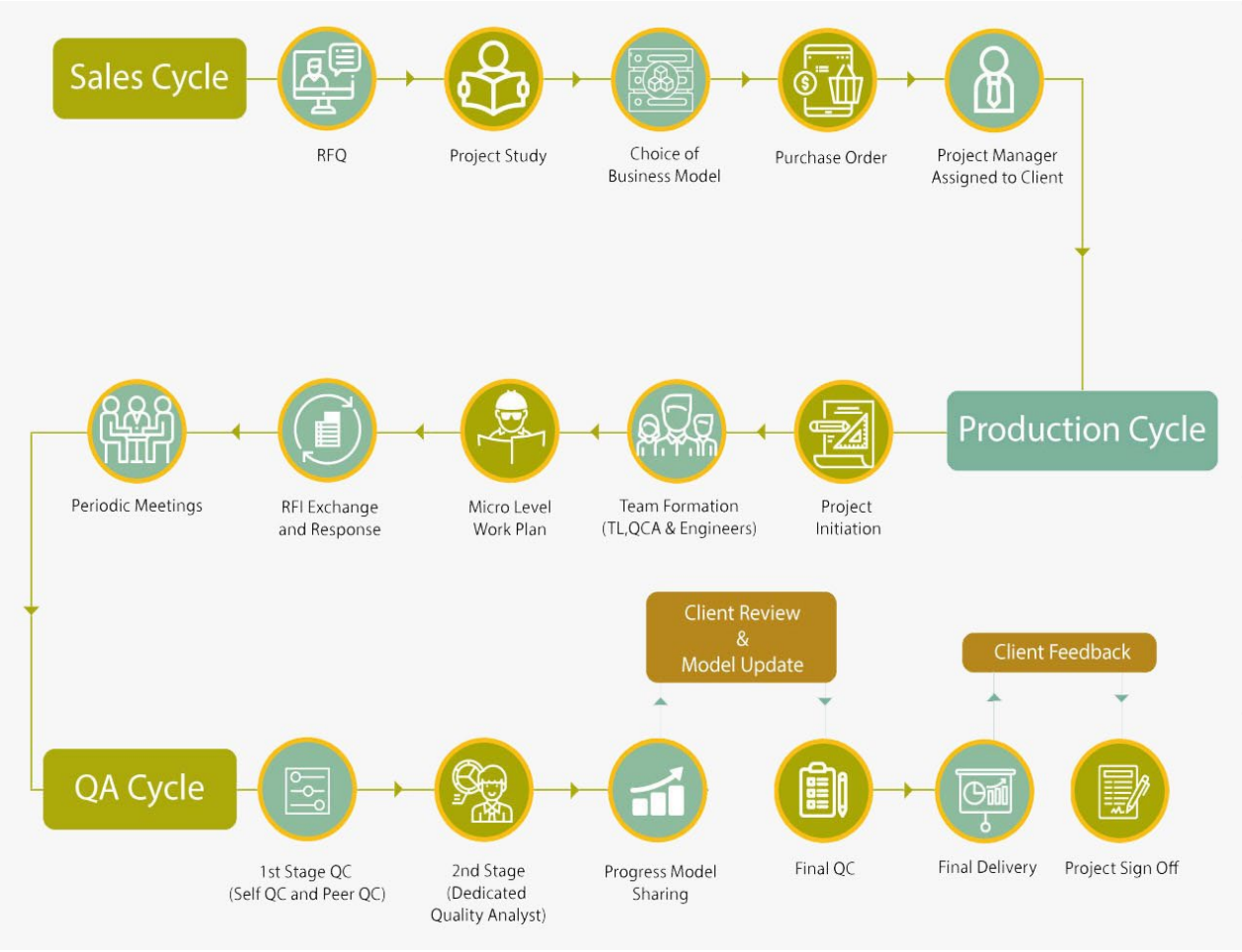
BIM IMPLEMENTATION PLANNING

BIM TRAINING

ON-SITE BIM SUPPORT



OUR DETAILING PROCEDURE



OUR APPROACH

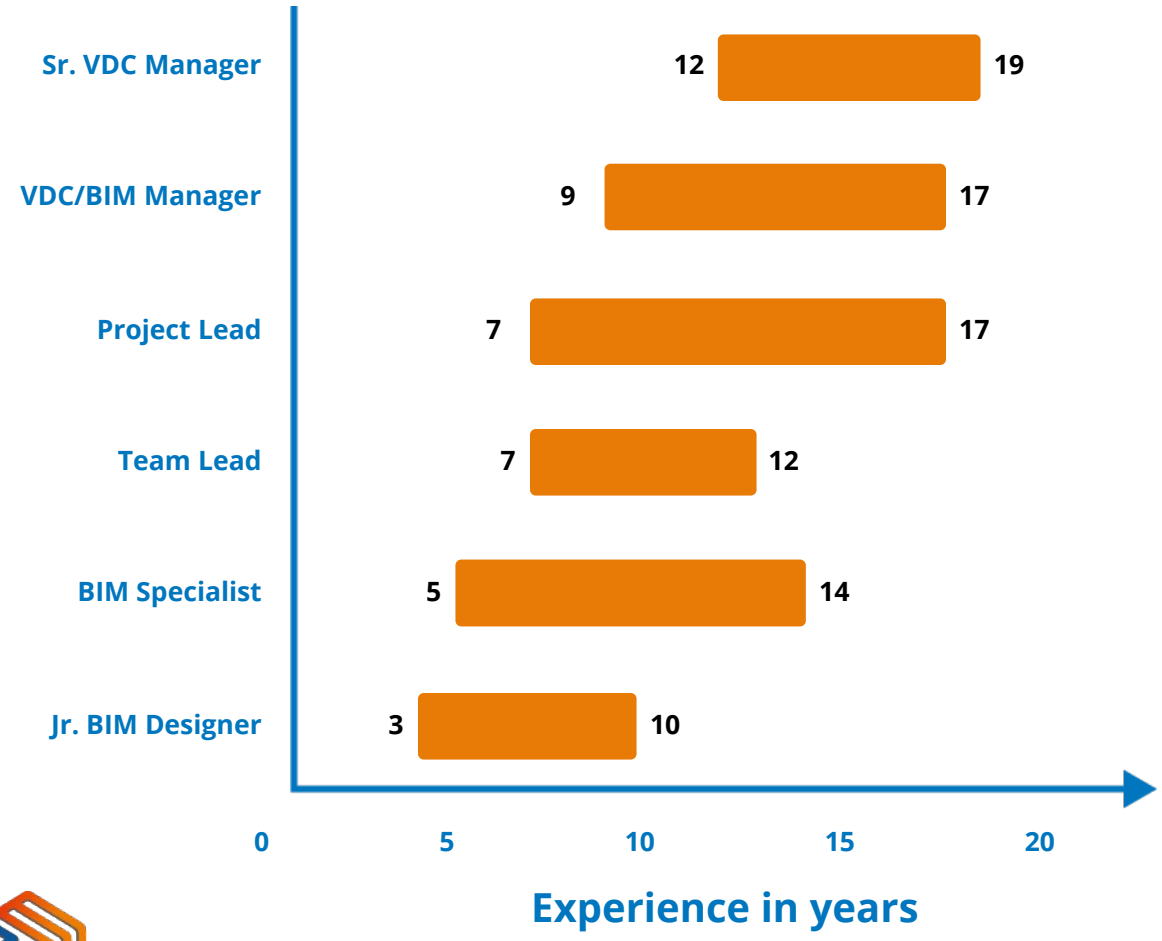
Understanding Client Requirements: With every client, we understand that a different approach may need to be employed with every project, bringing a new set of skills and technology to the table. We devote the time needed to study the objective of the project.

Delivering Solutions: To achieve the goals of the project, our engineers adopt the most appropriate methods, outdoing themselves. Our work is to follow a system driven process incorporating the latest methods in the BIM industry which ensures projects are delivered on time and are nothing short of the highest quality..

Constant Improvement: The engineering team, led by highly capable and seasoned project managers tirelessly learn, research and update themselves to meet the ever-changing and dynamic demands of the AEC industry. Systematic knowledge sharing and perfection of the work process is an ongoing process in Advenser. With every project, we see to it that we always make room for innovation.

Our Promise: Client satisfaction is a promise we assure and we measure our successes on par with that of our client's. We take pride in our past glory & achievements but at the same time strive to make them nothing more than mere milestones in our pursuit of excellence.

TEAM PROFICIENCY & SOFTWARE PROFICIENCY



Revit Suite

BIM 360

AutoCAD

LogiKal

AutoCAD 360 PRO

Autodesk Inventor

Navisworks Manage

MagiCAD

ReCapture

Civil 3D

Building Data

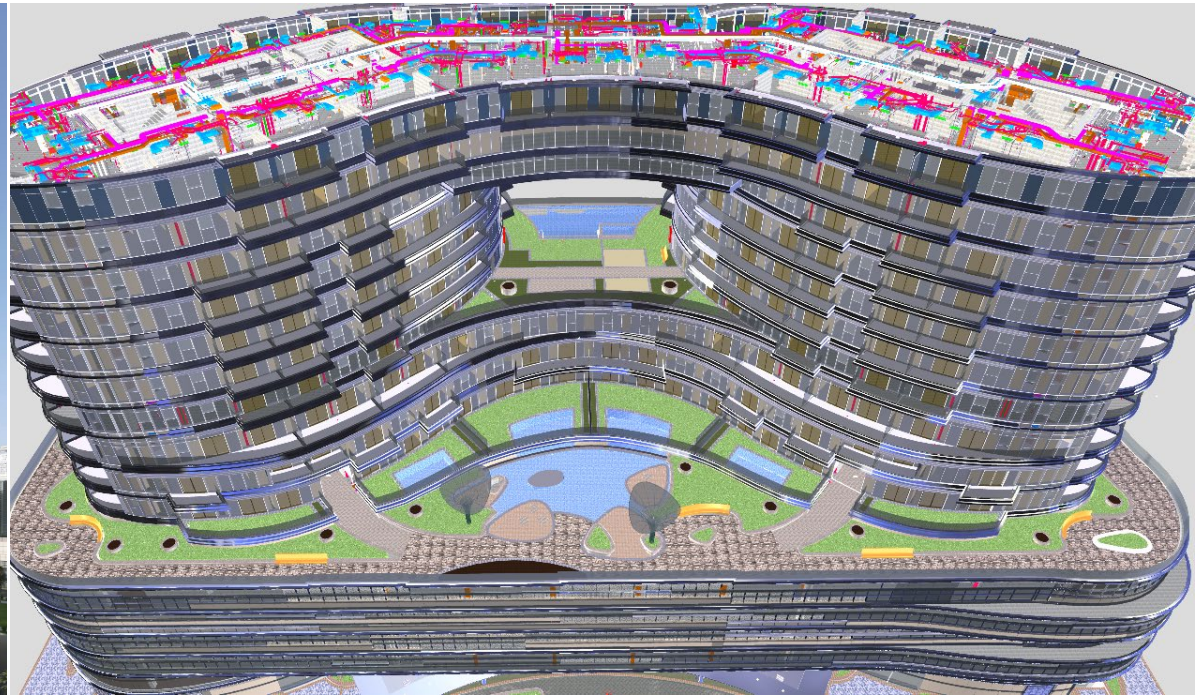
Construction Cloud

CloudWorx

Synchro

FEATURED PROJECTS

Imperial Avenue, UAE

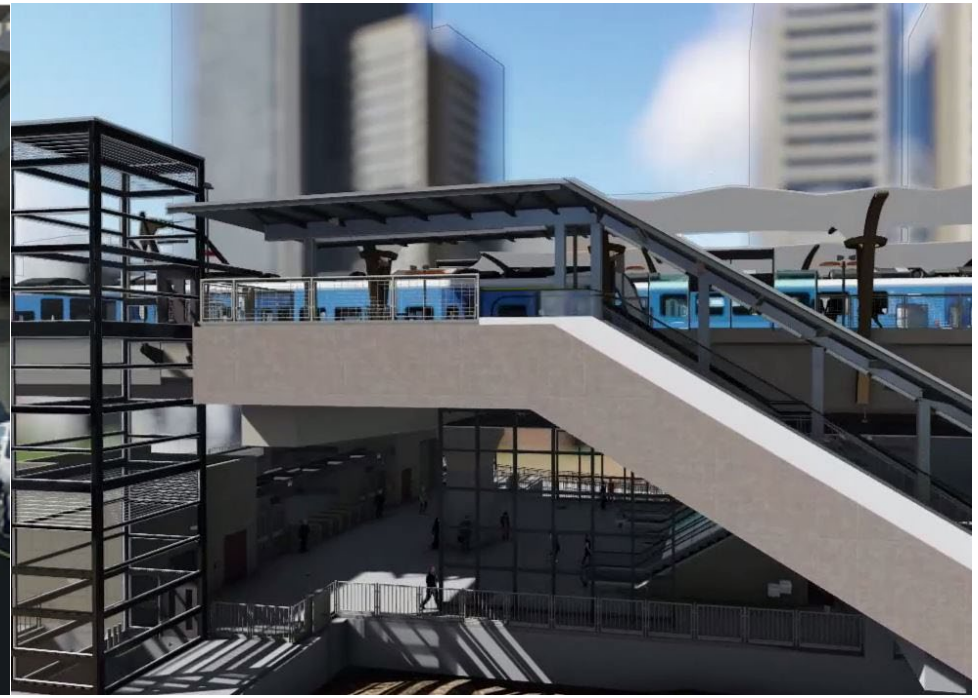


FEATURED PROJECTS

Perth Police Station, Australia

FEATURED PROJECTS

Kamehameha Highway Metro Stations, USA

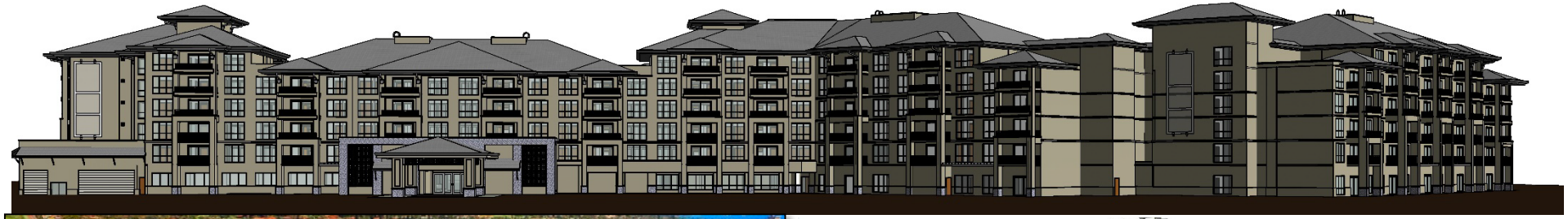


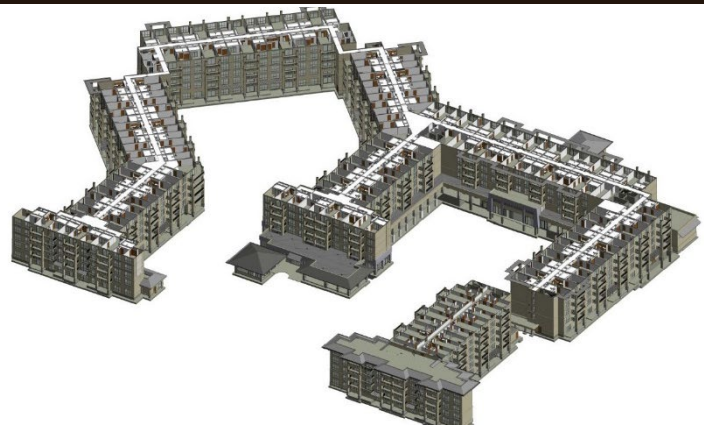
FEATURED PROJECTS

Montrose Apartment Towers, UAE

FEATURED PROJECTS

Ivy Quad condominiums, USA





FEATURED PROJECTS

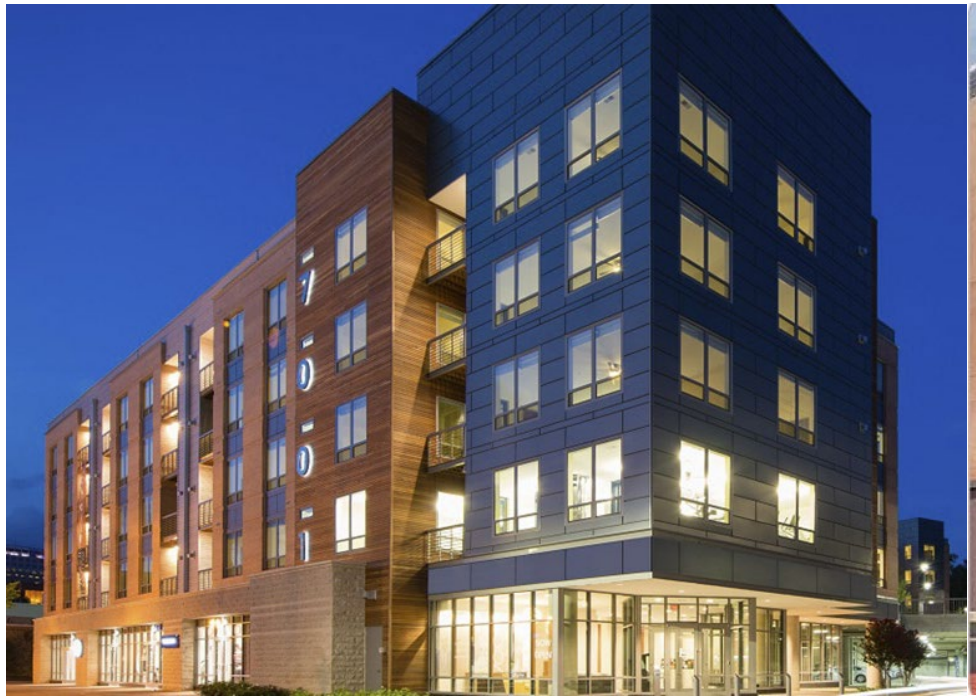
Ko Olina Beach Villas, USA

FEATURED PROJECTS

Movenpick Hotel, Sri Lanka

FEATURED PROJECTS

7001 Arlington Road, USA



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