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ADVENSER

PARTNERS IN ENGINEERING EXCELLENCE

COMPREHENSIVE BIM SERVICES SINCE 2007

WHO WE ARE

Established in 2007, Advenser helps construction companies, general contractors, architects & engineers, integrate BIM into their projects seamlessly within their predefined timelines and budget, bridging the gap between concept & constructability.

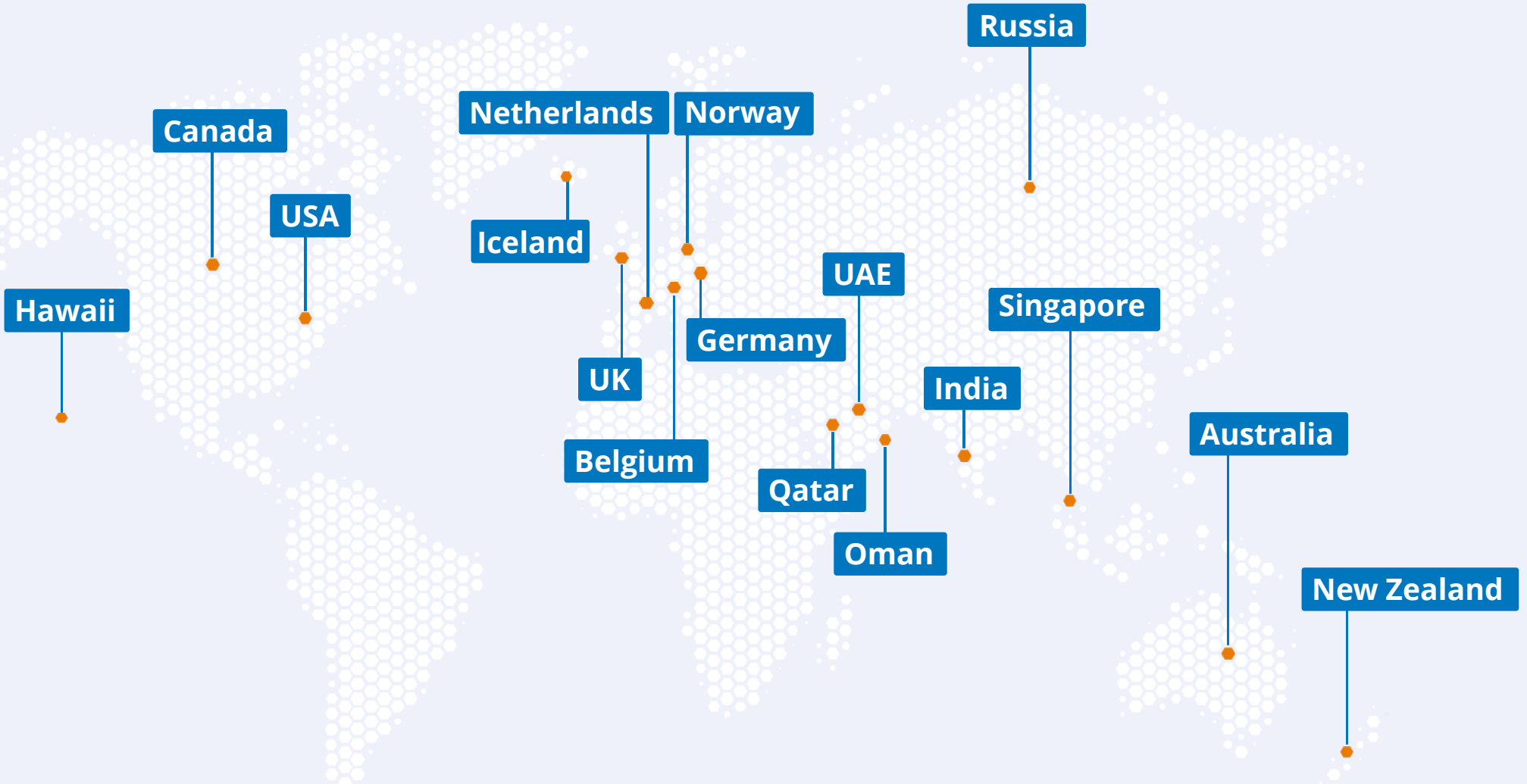
Mission

To provide services to customers globally with cutting edge technologies and grantees cost savings.

Vision

To be recognized as a leading Business Process Outsourcing service provider delivering exemplary services.

OUR CLIENT BASE



ADVENSER DIFFERENTIATORS

- Comprehensive Set Of BIM Solutions
- System Driven Best Project Practice
- State-of-the Art-infrastructure
- Refined Quality Assurance Procedure
- Scalability & Flexibility Of Resources
- Qualified & Specialized Resources

OUR CIVIC & INFRASTRUCTURE BIM SERVICES


Land/Site Modeling

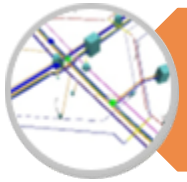

BIM for Transportation


BIM for Tunnels (TIM)


Bridge Modeling (BrIM)


BIM for Water Utilities


Stadium Modeling

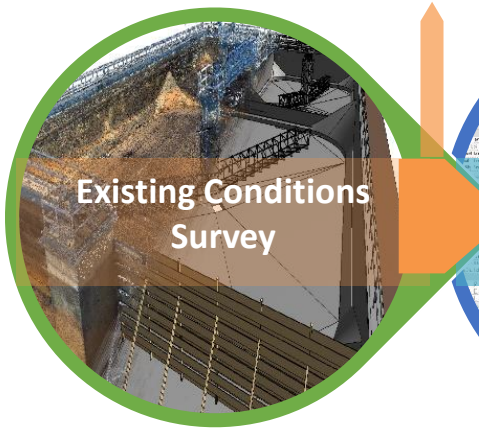

Underground Utilities BIM

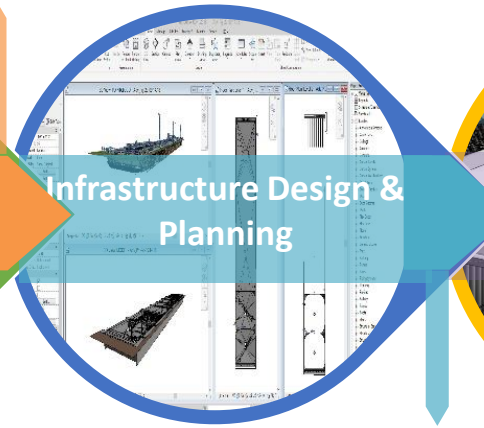

Offsite Structure BIM


Shoring Modeling

WHERE DO WE COME IN?

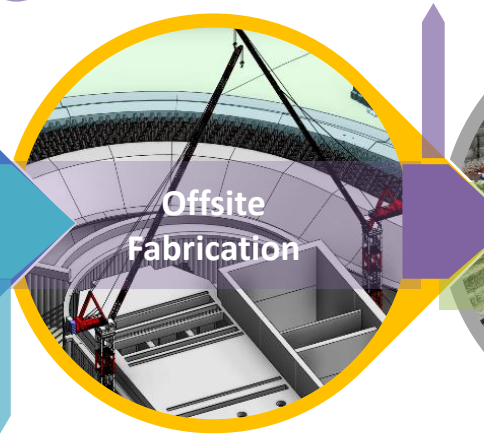
- Scan to BIM
- Site Modeling
- Topographic Modeling

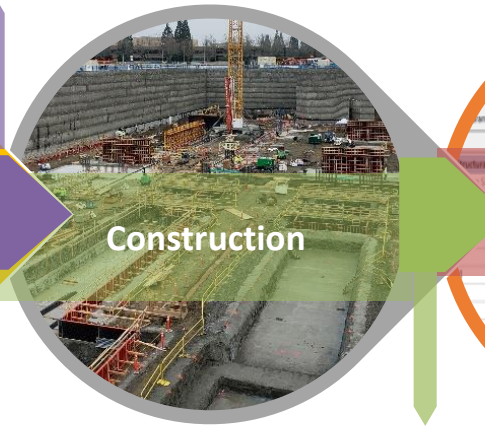




- Design Development
- Construction Documents
- Energy Analysis Model

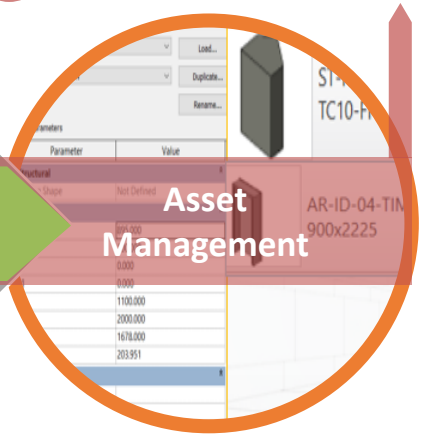
- Fabrication Drawings
- Parametric Modeling
- Spool Drawings



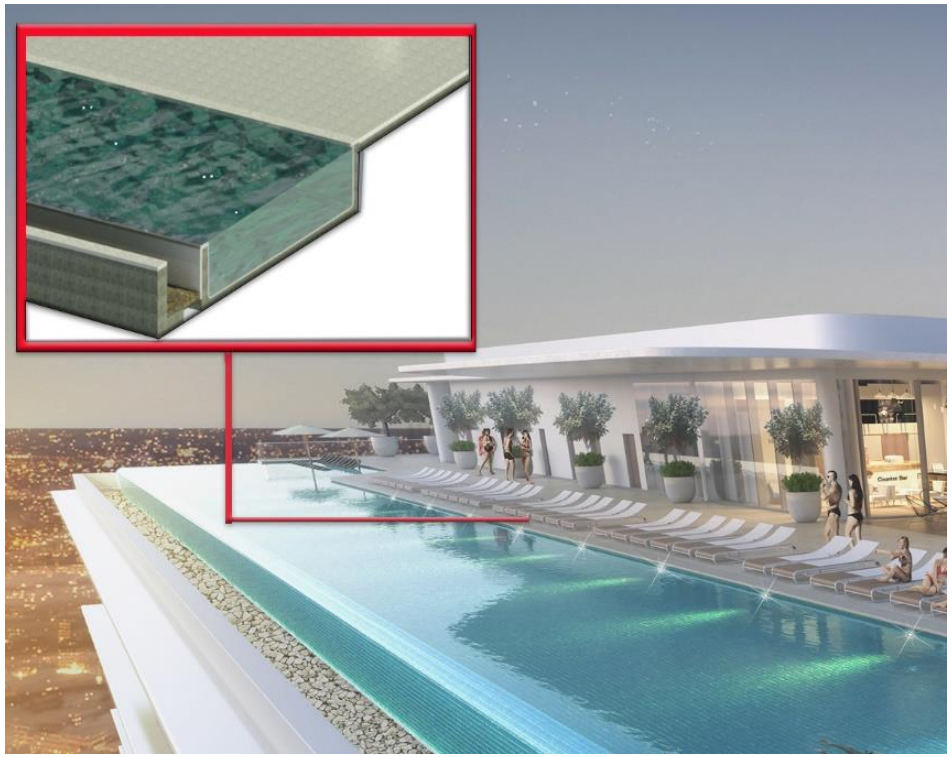


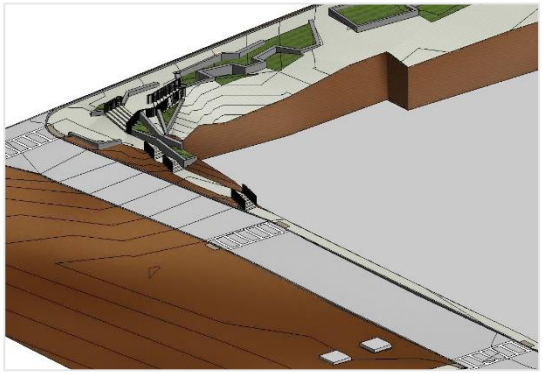
- 3D Utility Coordination
- Shoring Modeling
- Procurement Schedule

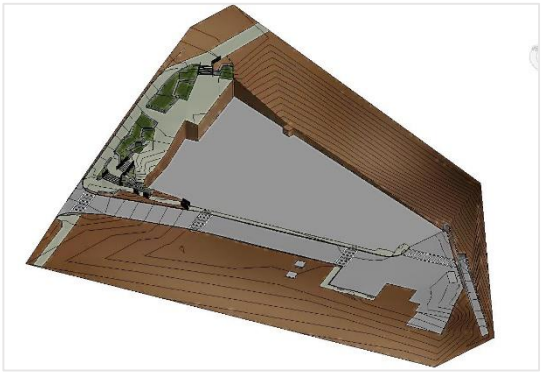
- LOD 500 Modeling
- As-built drawing Update
- Cobie Data for FM



SITE & LANDSCAPE MODELING



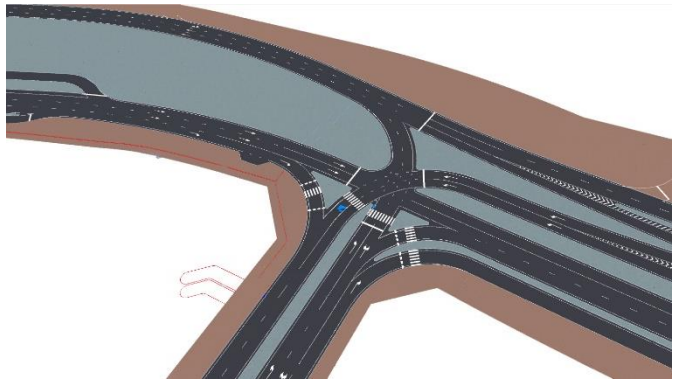


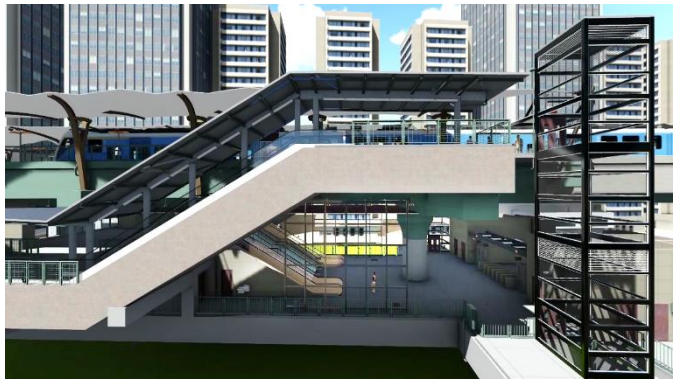


The detailing provides data continuity when subsequently prepped up & reused for building placement or underground utility development .

The presentability provides a much better understanding of the project, and can help secure construction permits & approvals.

BIM FOR TRANSPORTATION





Enables accurate decision making on drainage, geometrics, quantity takeoff, lane configurations, cut/fill, analysis & simulation, site grading and construction documentation.

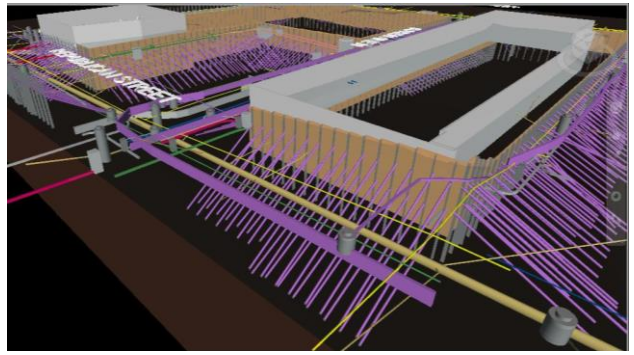
Multidiscipline engineers & project teams can explore various alternative scenarios, optimise designs & perform value engineering collaboratively.

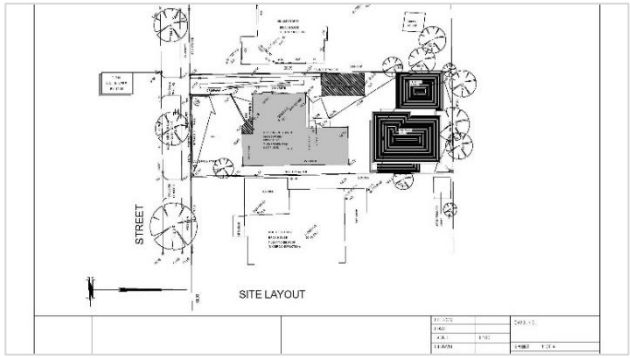
TUNNEL INFORMATION MODELING (TIM)

Provides a realistic intelligent 3D representation of the complex systems that interact with each other, allowing for inconsistencies to be detected and mitigated at an early stage.

Works as a fluxing agent that enables a seamless, continual alignment between design and construction of the tunnel structure ultimately with those who manage and use it.

SHORING MODELING

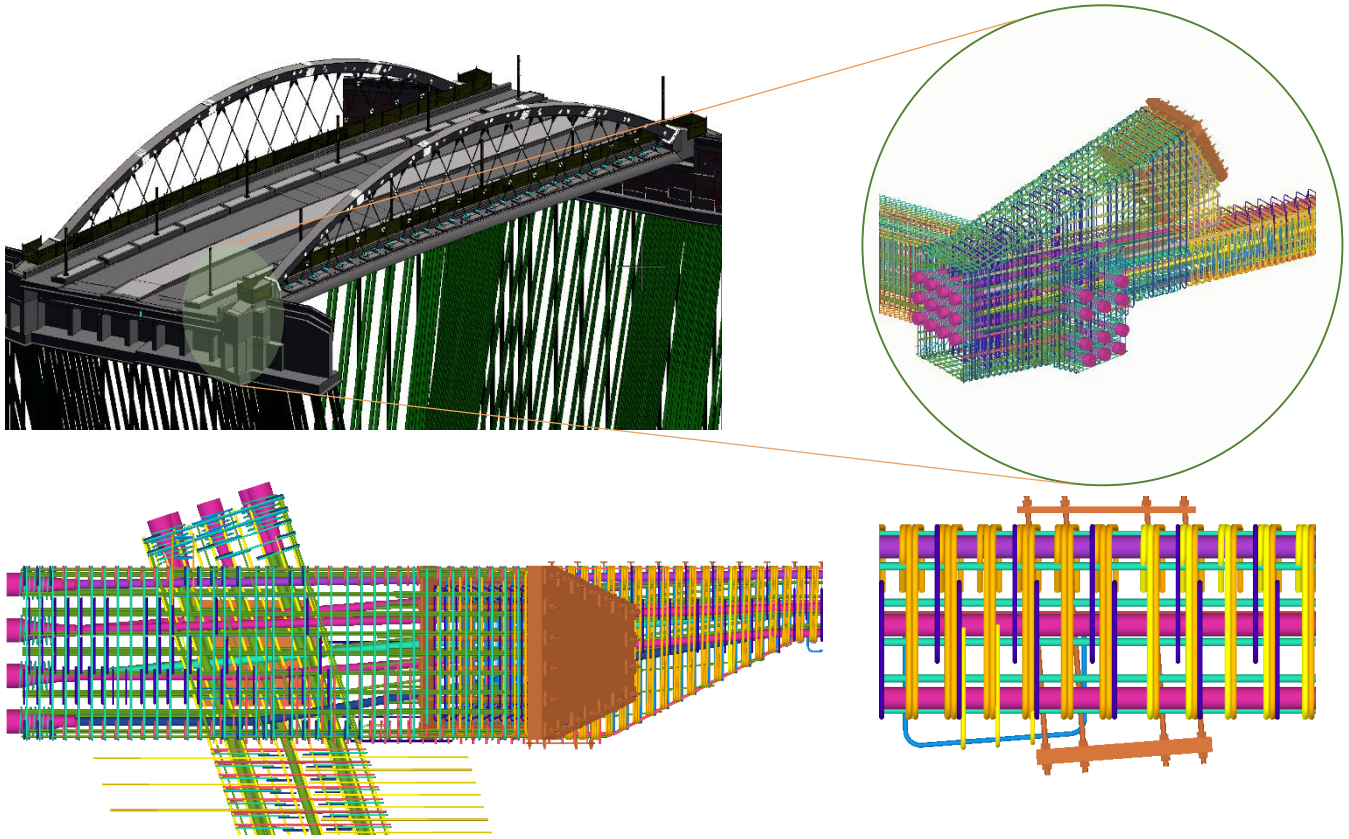




Generates geometric conditions in BIM and visualizes the potential risks & safety resources along with their quantity take-off and optimized locations.

Help the designers through automated modeling & assist decision makers in developing productive & practical safety plans for excavation works at the preconstruction phase.

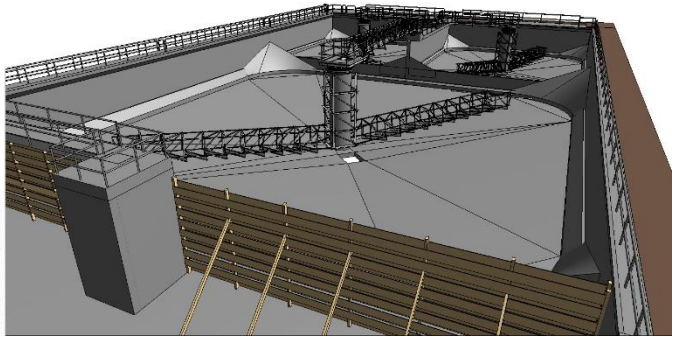
BRIDGE INFORMATION MODELING (BRIM)



BIM workflows enable collaborative design, planning coordination & construction across the civil, mechanical, hydraulics and electrical engineering disciplines.

Enables prefabrication of structures that are assembled off-site saving considerable cost and time.

BIM FOR WATER UTILITIES



Enable engineers, consultants, planning boards and contractors to explore & implement innovative designs & ‘what-if’ scenarios to test & simulate real-world performance

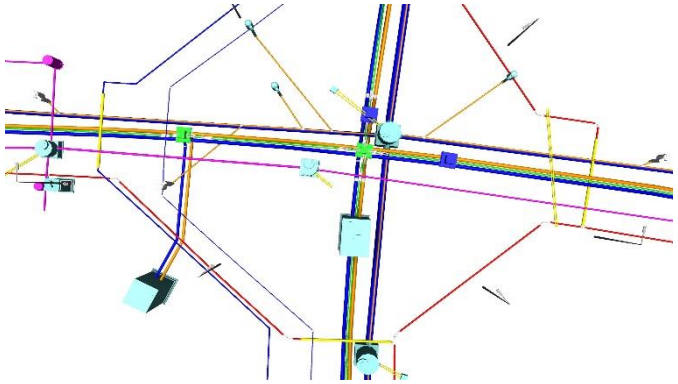
Provides a single, central, intelligent 3D model as the source of interaction & collaboration among supply chains, water authorities, multiple engineering disciplines and contractors.

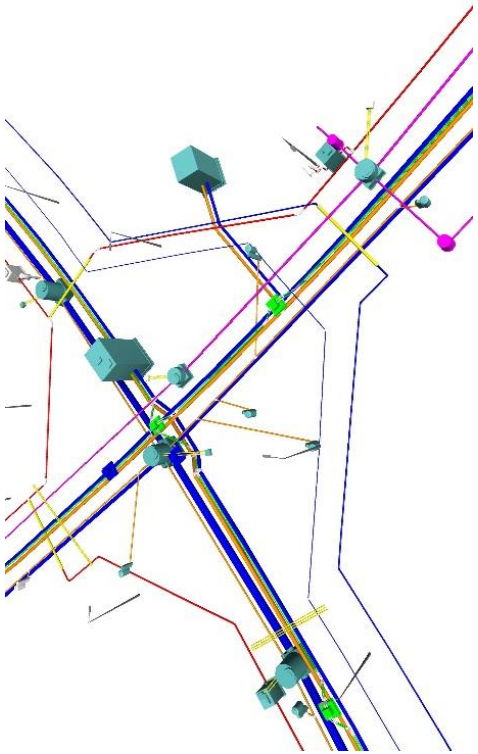
STADIUM & CIVIC UTILITIES MODELING)

Provides a common data environment in the form of an interactive 3D model for collaboration among architectural, structural, electrical, mechanical & plumbing systems.

Extraction of advance procurement quantities, construction schedules & fabrication drawings enable offsite prefabrication.

UNDERGROUND & OVERHEAD UTILITIES MODELING

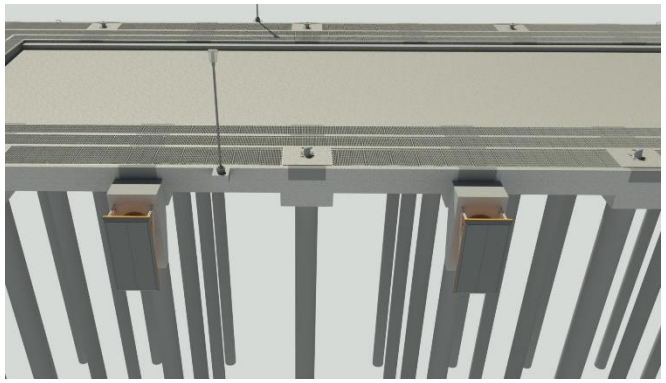




Seamlessly & dynamically integrates geological parameters & construction data into a comprehensive digital model.

Topographic data, location, coordinates & other details of underground utilities such as piping, electric cables & telecom lines are visualized and handled in one Common Environment.

BIM FOR OFFSITE STRUCTURES



Dependencies & relationships between different systems are established from the planning stage. Intelligent parameterization of objects & design information as well as construction sequencing improve collaboration.

BIM resolves the issues of inefficient change management & retains the overall integrity of the offshore structure without disturbing dimensions, space and mass of equipments.

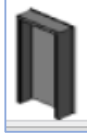
BIM FOR ASSET MANAGEMENT

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	
Assembly Description	
Type Mark	
OmniClass Number	23.25.30.11.14.11
OmniClass Title	Columns
Code Name	

ST-ICL-CN
TC10-FN



AR-ID-04-TIMBER
900x2225

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.

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.

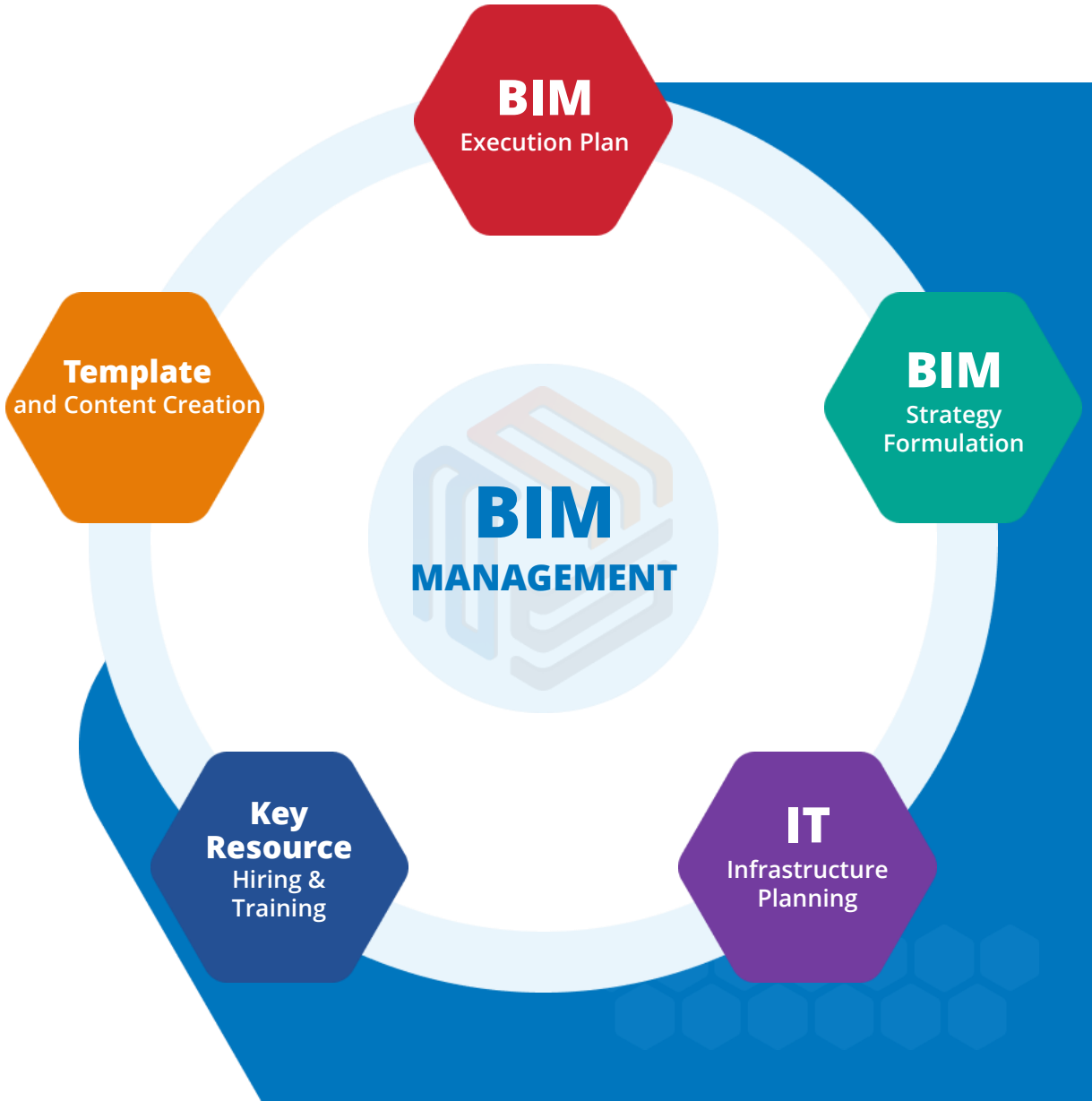
BIM MODEL AUDIT

OFFSHORE BIM TEAM

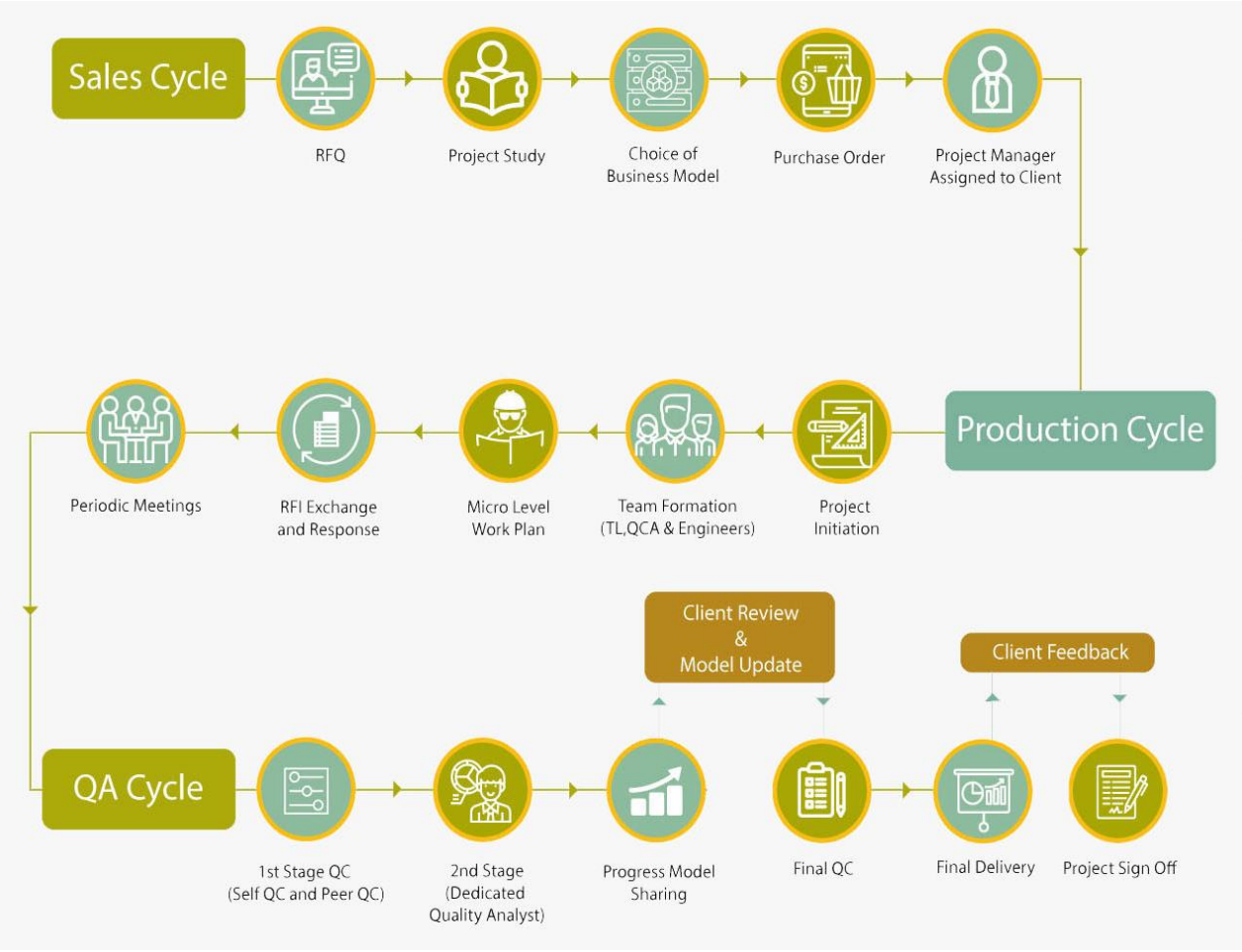
BIM IMPLEMENTATION PLANNING

BIM TRAINING

ON-SITE BIM SUPPORT



OUR DETAILING PROCEDURE



OUR APPROACH

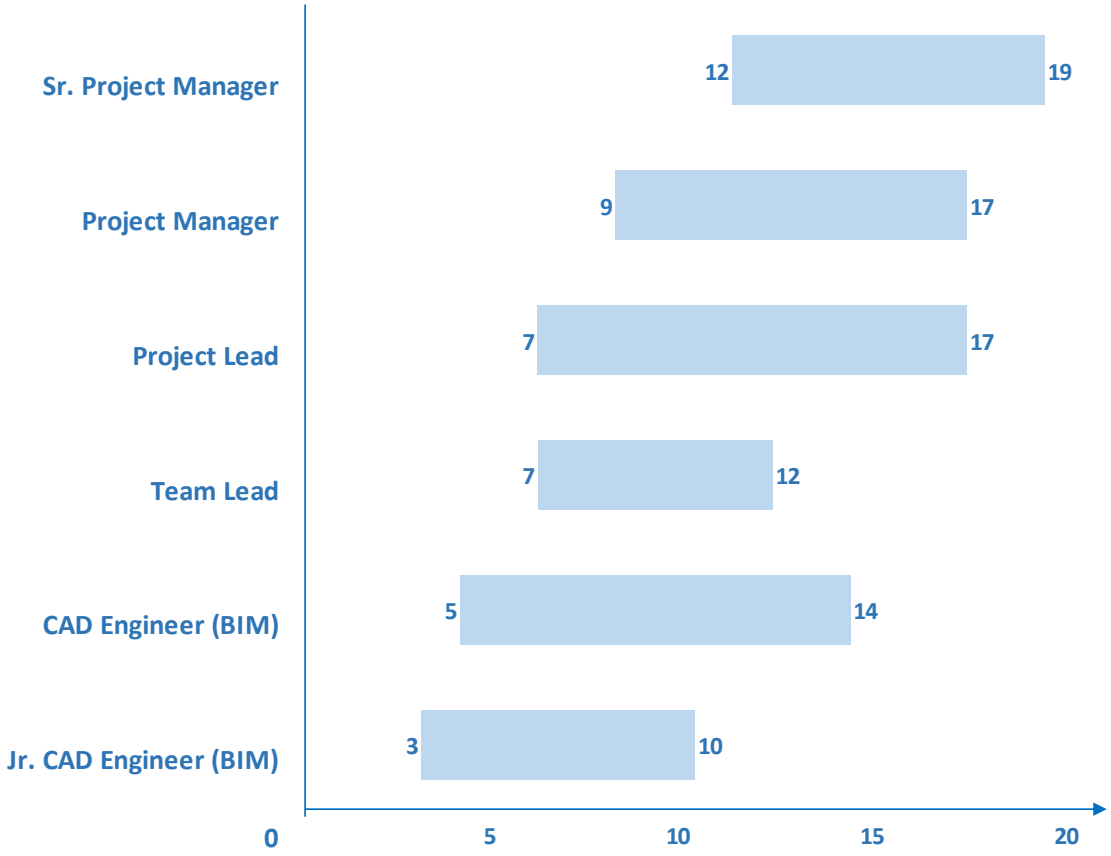
Understanding Client Requirements: With every client, we understand that a different approach may need to be employed with every project, bringing a new set of skills and technology to the table. We devote the time needed to study the objective of the project.

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



- Civil 3D
- Formlt Pro
- Construction Cloud
- InfraWorks
- Insight
- MagiCAD
- Revit
- 3ds Max
- LogiKal
- ReCap Pro
- Inventor
- Tekla
- AutoCAD MEP
- Fabrication CADmep
- STAAD.Pro
- Autodesk Docs
- Advance Steel
- Solid Edge
- Navisworks Manage
- AutoCAD Plant 3D
- RebarCAD
- Dynamo
- BIM Collaborate Pro
- RGS REBAR
- Trimble EC CAD, Field Technology
- Building Data
- Rhinoceros

CONTACT US

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THANK YOU

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