ADVENSER

PARTNERS IN ENGINEERING EXCELLENCE



SINCE 2007

COMPANY OVERVIEW

Advenser is a multinational, multidisciplinary engineering company delivering high-value solutions to the architecture, engineering, and construction (AEC) sector through integrated VDC/BIM workflows, advanced digital technologies, and innovative engineering practices. Since 2007, we have been supporting complex projects internationally, earning a proven reputation for technical rigor, delivery reliability, and sustained growth.

MISSION

Delivering smart, scalable engineering solutions that improve project efficiency and environmental performance.

VISION

To play a defining role in shaping a smarter and more efficient built environment—driven by technology, talent, and trust.

CORE FOCUS

Delivering solutions designed for change, adaptive, scalable, and future-ready.

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.

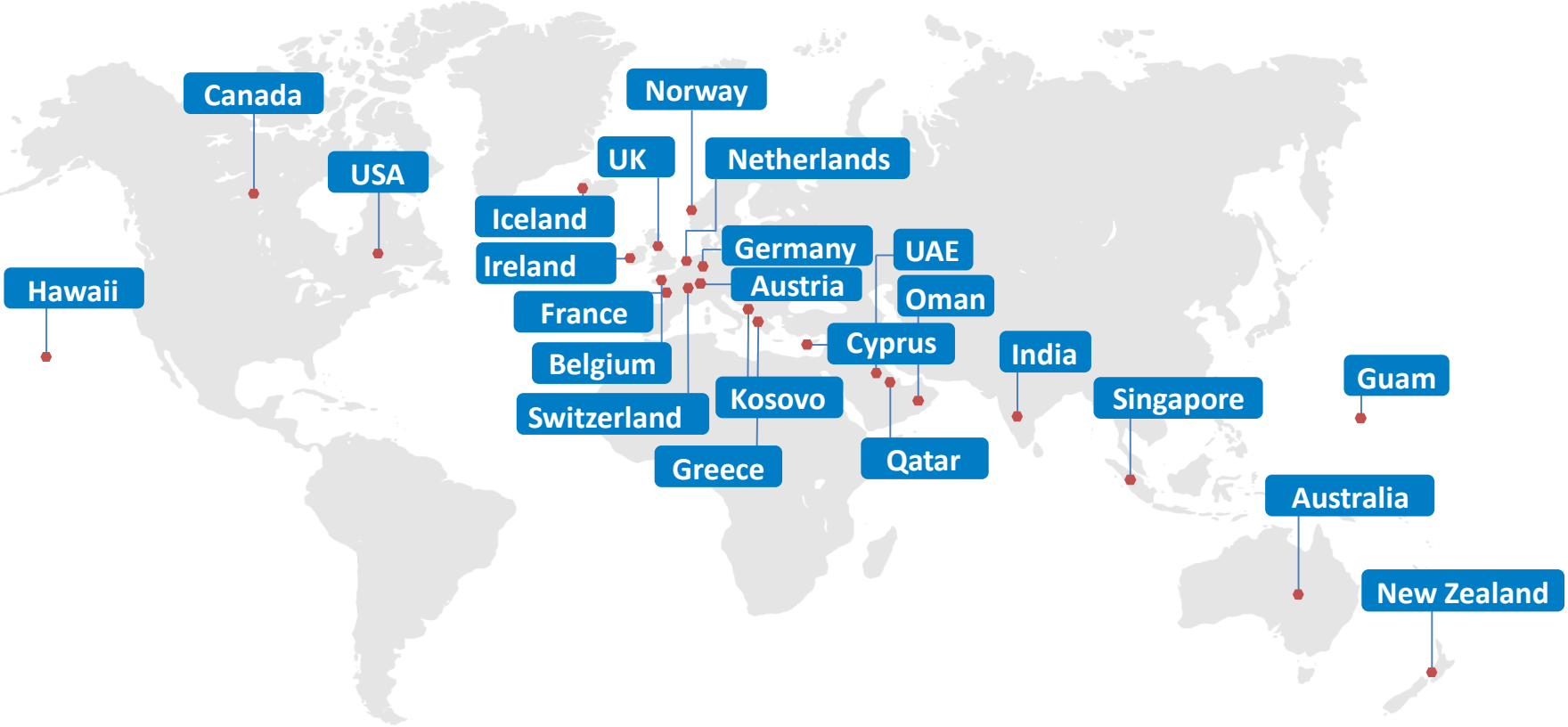
Domain-Specific Teams
Dedicated specialists with deep industry knowledge for domain-specific solutions.

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.

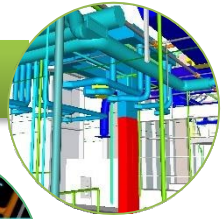
Commitment to Continuous Improvement
Continuous process enhancements to increase efficiency and deliver greater value.

OUR CLIENT BASE



OUR MEP ENGINEERING SERVICES

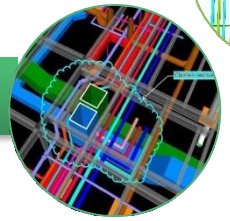
HVAC & PLUMBING MODELING

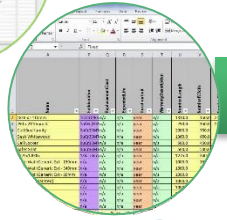




REVIT FAMILY CREATION

CLASH REPORT & RESOLUTION





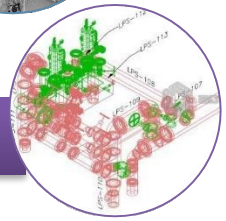
COBIE SERVICES

POINTCLOUD MODELING

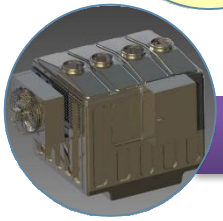




INDUSTRIAL BIM



SPOOL DRAWING



MECHANICAL MODELING

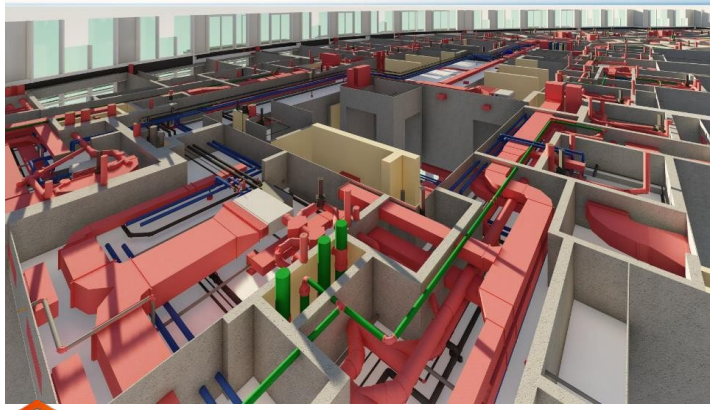


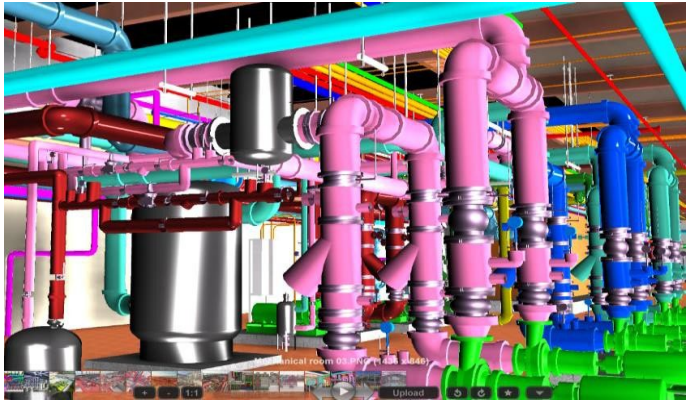
BIM CONSULTING

HVAC & PLUMBING MODELING





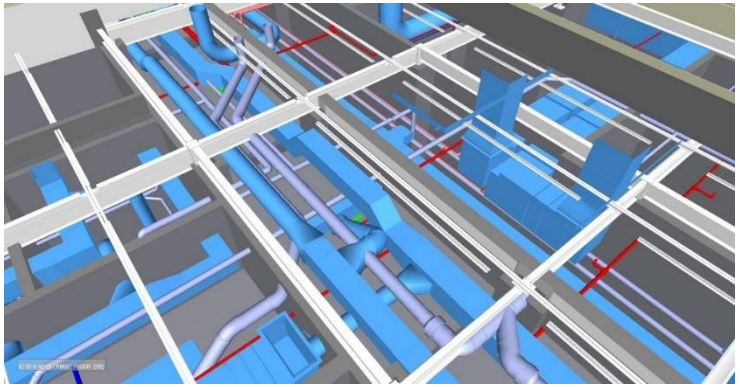


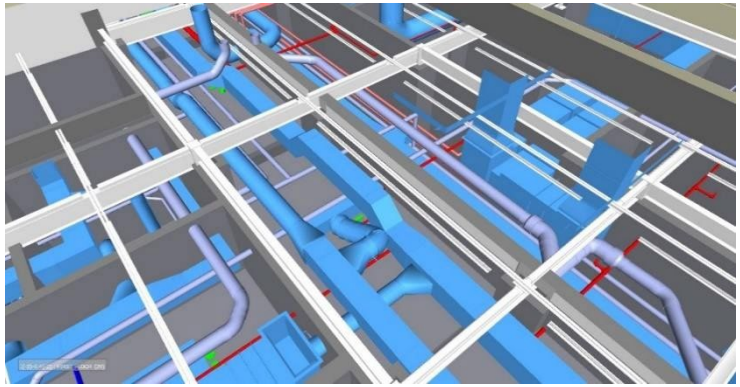


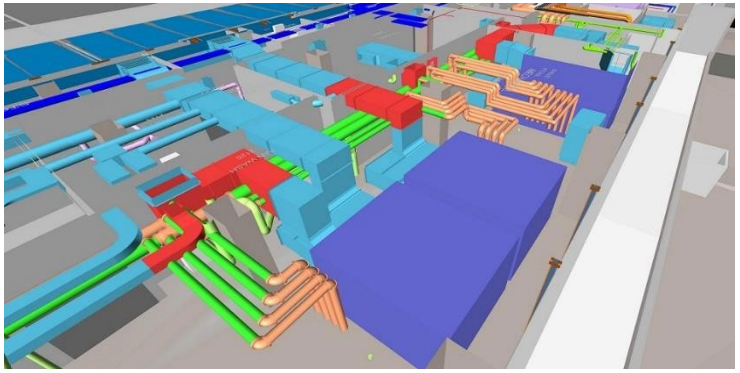
1. 3D MODELING
2. SHOP DRAWINGS
3. SPOOL DRAWING
4. AS BUILT DOCUMENTATION
5. QUANTITY TAKE OFF

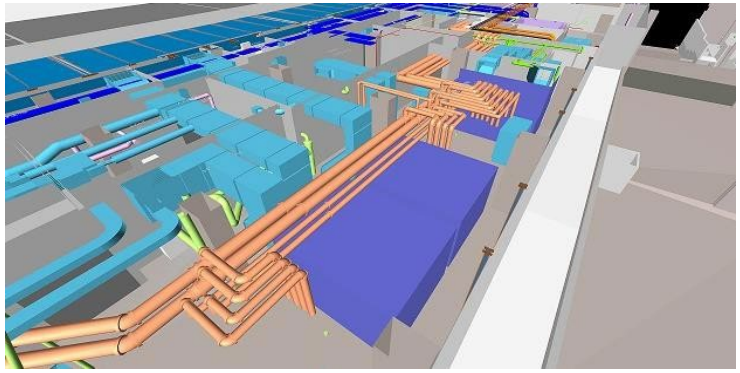
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CLASH DETECTION & RESOLUTION









Seamless coordination of MEP with Architecture & Structural trades, allowing all systems to work in perfect synchronization and at the same time maintaining the design intent.

Generation of Clash Reports, Resolution of Clashes and conducting BIM Coordination Meetings with contractors and other stake holders.

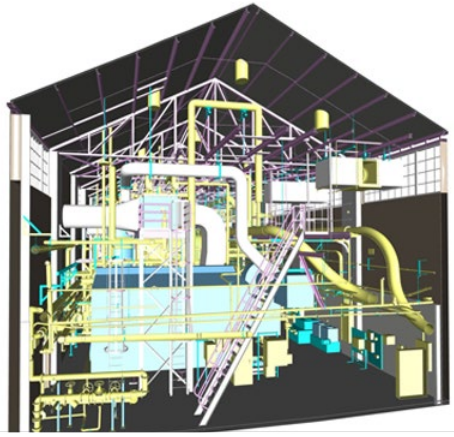
Before coordination

After coordination

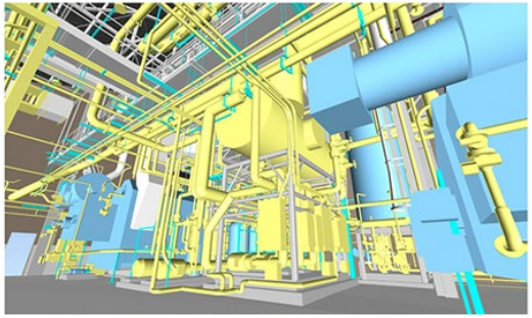
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POINTCLOUD MODELING









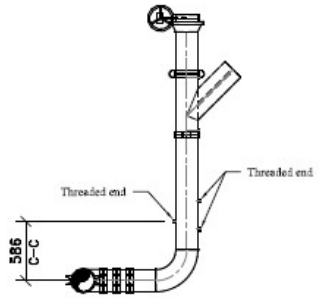
1. ARCHITECTURAL
2. STRUCTURAL
3. MEP

The 3D BIM model that we create from laser scan data serve as accurate models for as-built purposes as well as for Retrofit, Refurbishment and Renovation projects. It enables the creation of as-built BIM models for the renovation work of Infrastructure Assets such as tunnels and bridges.

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SPOOL DRAWING

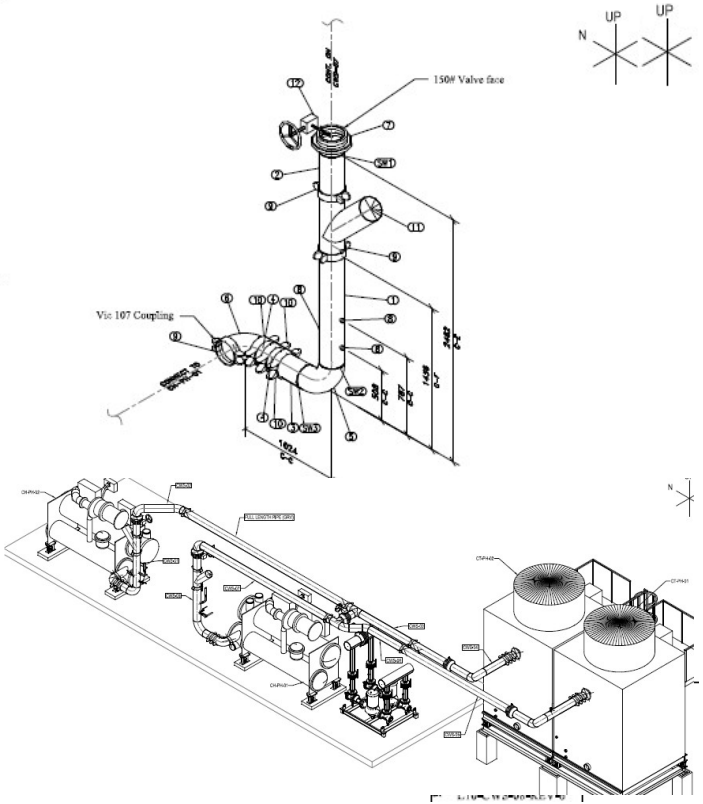
SPOOL-BOM						
TAG	Qty	Length	Size	DESCRIPTION	END-1	END-2
1	1	1129	200	A53 ERW Sch 40 Blk PE	Bevel End 37.5	Grooved End
2	1	413	200	A53 ERW Sch 40 Blk PE	Grooved End	Bevel End 37.5
3	1	255	200	A53 ERW Sch 40 Blk GRV	Bevel End 37.5	Grooved End
4	2	127	200	A53 ERW Sch 40 Blk PE	Grooved End	Grooved End
5	1		200	Long Radius 90		
6	1		200	VIC #10 90 DEG ELL		
7	1		200	Raised Face Weld Neck Flange		
8	3		200	Pipe O Let (POL)		
9	3		200	VIC STYLE 107H QUICKVIC RIGID T GSKT		
10	3		200	VIC STYLE 77 FLEXIBLE CPLG T GSKT		
11	1		200	VIC SERIES 789 CKT BLNC VLV		
12	1		200	Kitz Butterfly Valve		



LEFT VIEW

* All weld gaps =1 mm

Spool BOM - Cut List							
TAG	Qty	Size	Inch	mm	DESCRIPTION	END-1	END-2
1	1	8"	44	1129	A53 ERW Sch 40 Blk PE	Bevel End 37.5	Grooved End
2	1	8"	16	413	A53 ERW Sch 40 Blk PE	Grooved End	Bevel End 37.5
3	1	8"	10	255	A53 ERW Sch 40 Blk GRV	Bevel End 37.5	Grooved End
4	2	8"	5	127	A53 ERW Sch 40 Blk PE	Grooved End	Grooved End

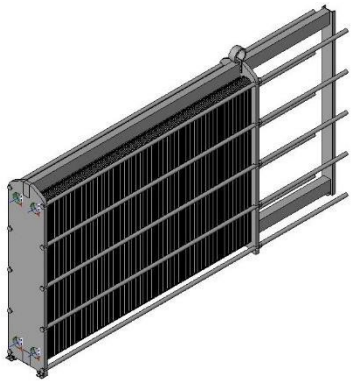


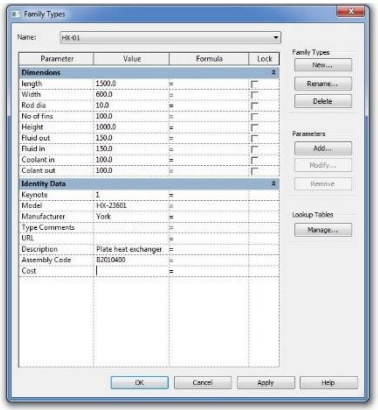
We generate sets of Piping Spool drawing for accurate offsite prefabrication. This set of drawings act as a guide for the plumbers, pipe fitters and installers while they work on the site.

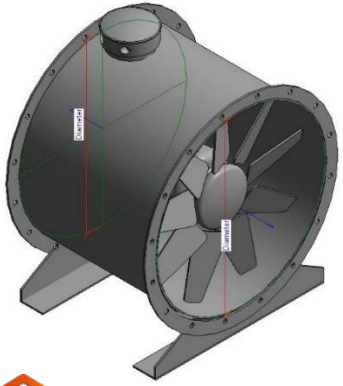
Our spool drawing services consist of Segmented Spool drawings along with a Spool Map with section locations created as per pre-fabricating standards of the client.

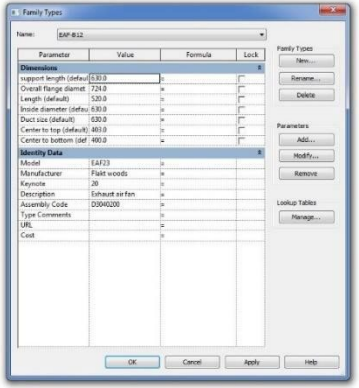
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REVIT FAMILY CREATION



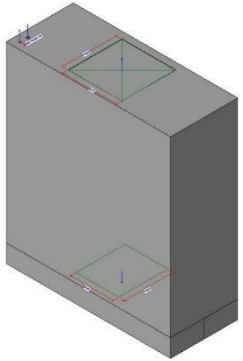


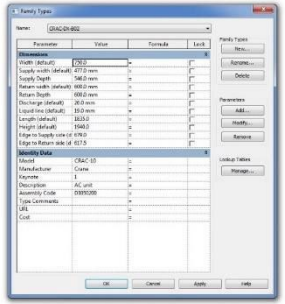




Creation of standard and customized Revit families for the retail, manufacturing and the construction industry from the manufacturer's submittals or even hand sketches.

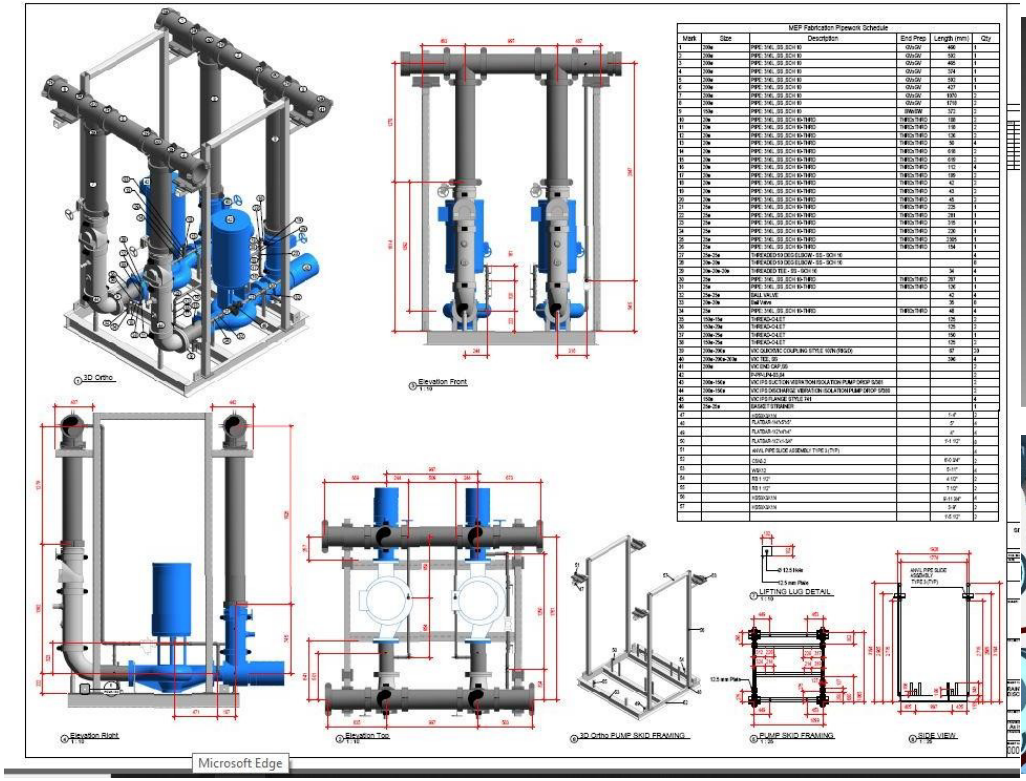
1. Architectural elements
2. Structural components
3. Mechanical fittings
4. Plumbing fixtures
5. Product libraries

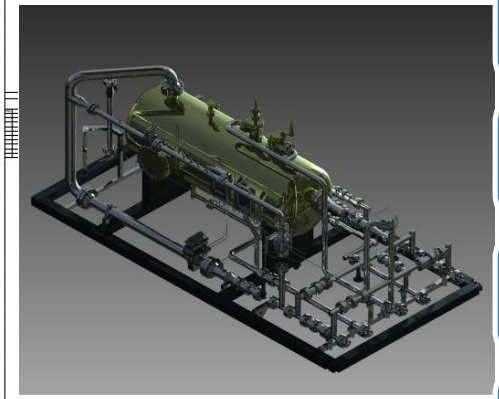


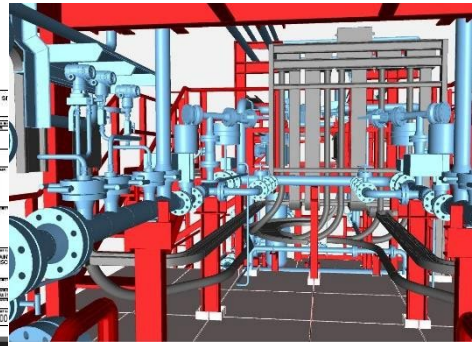


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INDUSTRIAL MODELING







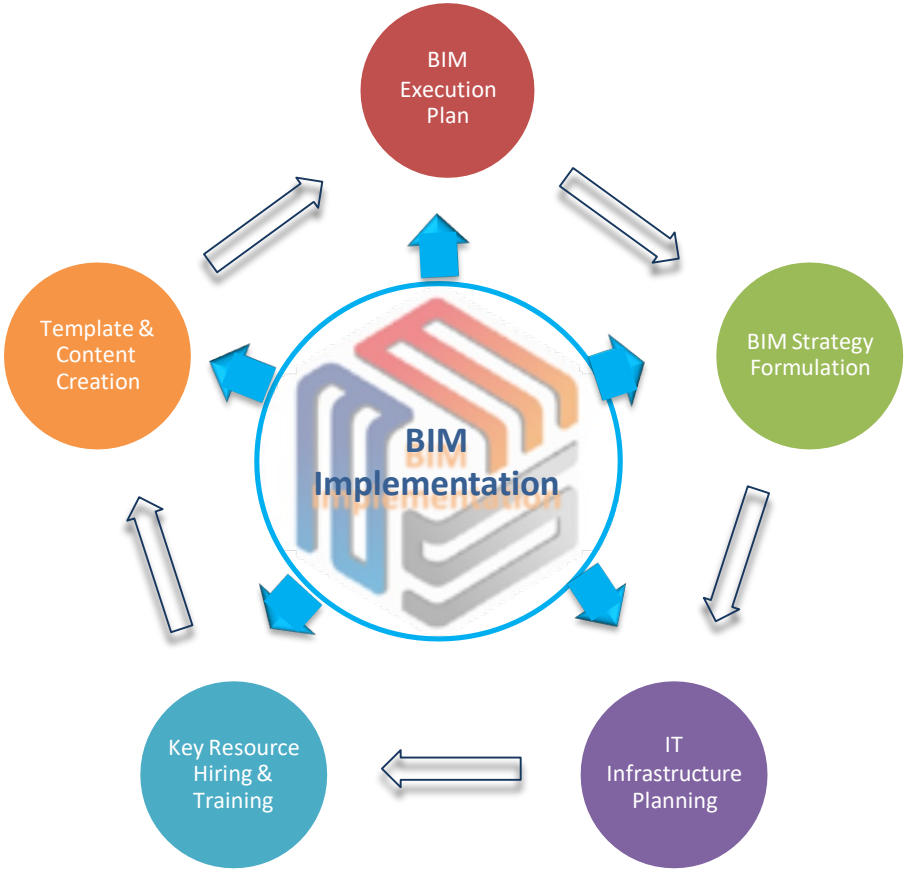
1. P & I diagram
2. BIM object creation
3. GA & Equipment Layout
4. Structural Frame arrangement
5. Process Schematic Diagram
6. Process Piping drawings

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BIM CONSULTING

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.

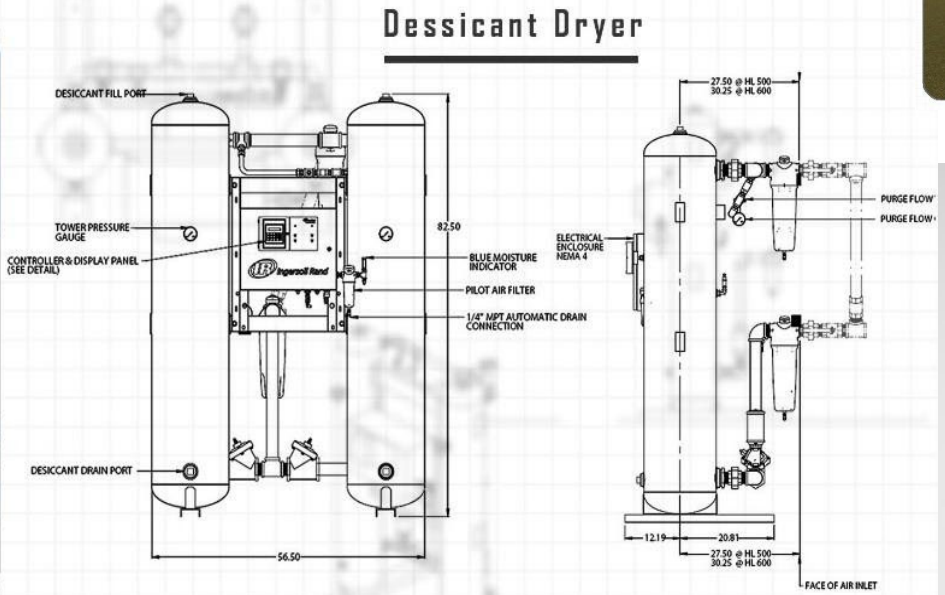
1. BIM Model Audit
2. Offshore BIM Team
3. BIM Implementation Planning
4. BIM Training
5. On-Site BIM Support



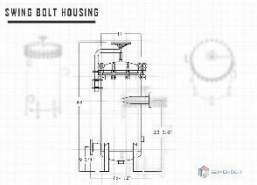
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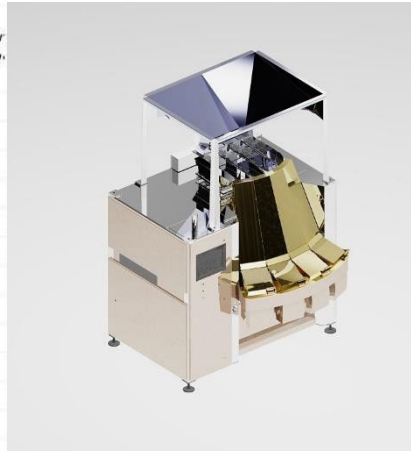
MECHANICAL MODELING





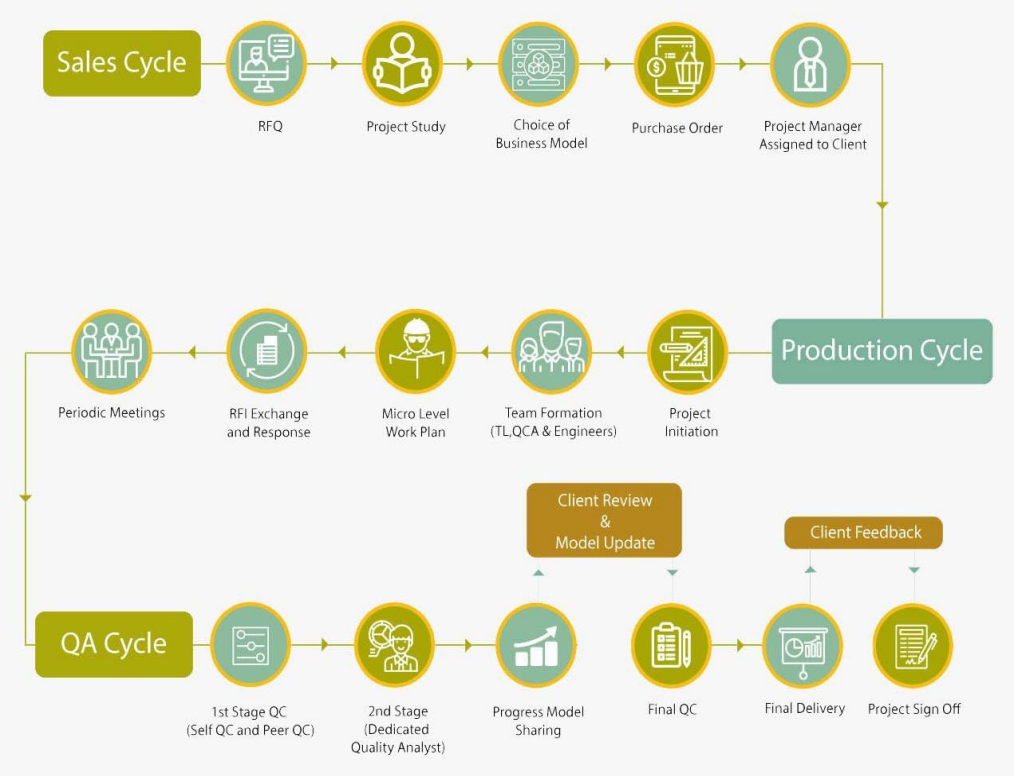






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OUR DETAILING PROCEDURE



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.

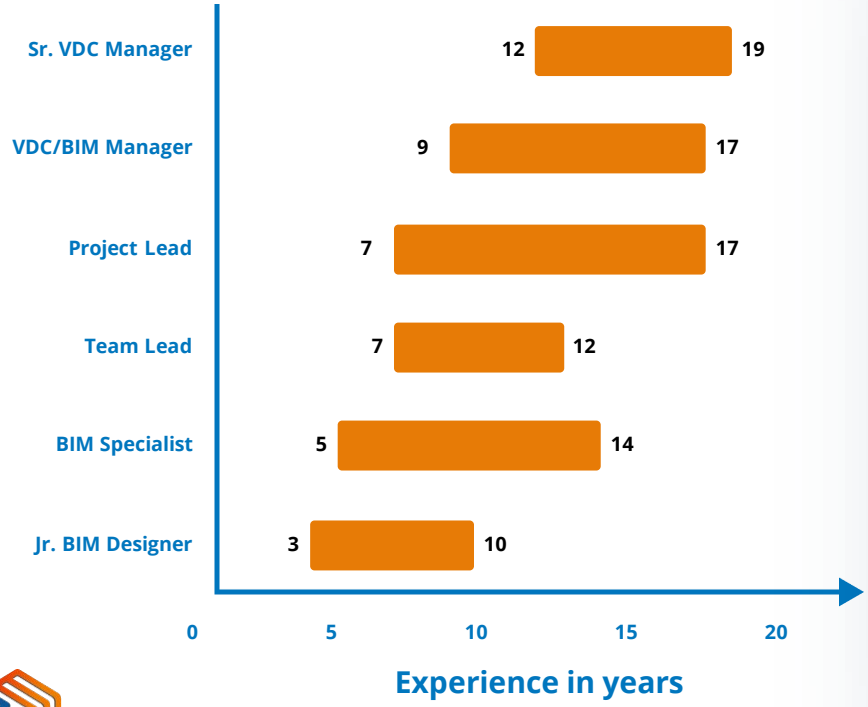
Delivering Solutions : To achieve the goals of the project, our engineers adopt the most appropriate methods, outdoing themselves. Our work is to follow a system driven process incorporating the latest methods in the BIM industry which ensures projects are delivered on time and are nothing short of the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

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TEAM PROFICIENCY AND SOFTWARE PROFICIENCY

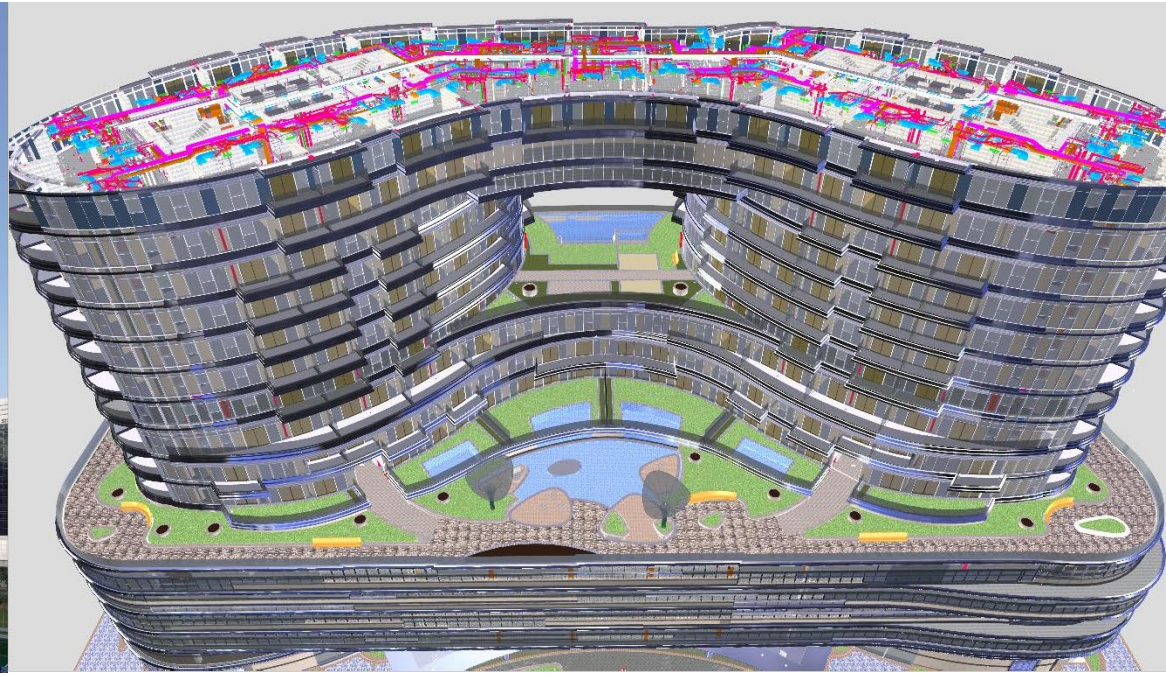


- Civil 3D
- FormIt Pro
- Construction Cloud
- InfraWorks
- Insight
- MagiCAD
- Revit
- 3ds Max
- LogiKal
- ReCap Pro
- Inventor
- Tekla
- AutoCAD MEP
- Fabrication CADmep
- STAAD.Pro
- Autodesk Docs
- Advance Steel
- Solid Edge
- Navisworks Manage
- AutoCAD Plant 3D
- RebarCAD
- Dynamo
- BIM Collaborate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

FEATURED PROJECTS

Imperial Avenue, UAE

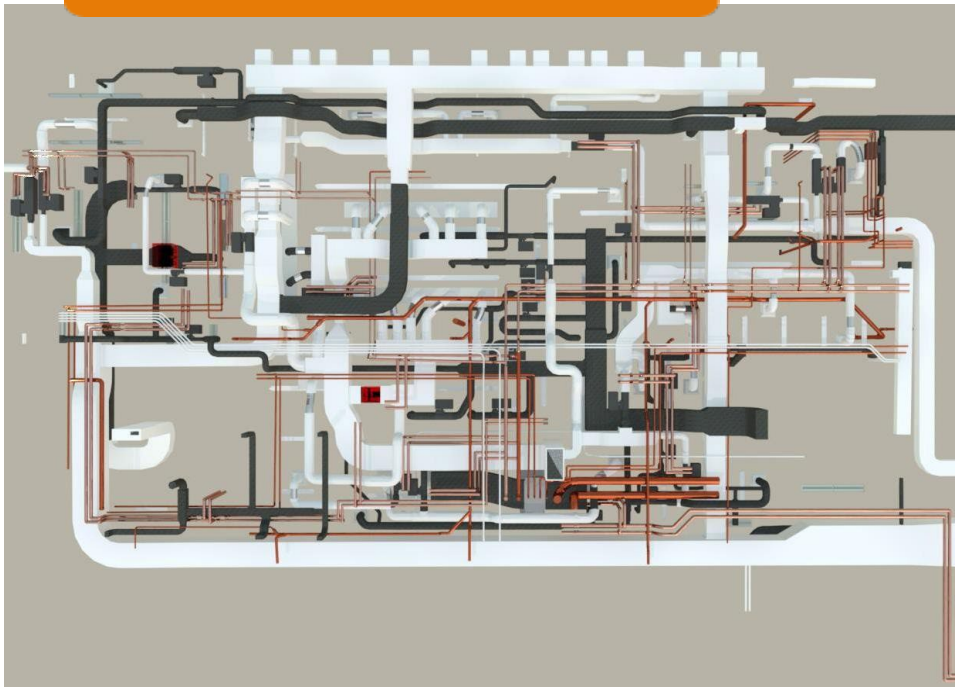




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FEATURED PROJECTS

Biogen Oligo Labs building, USA

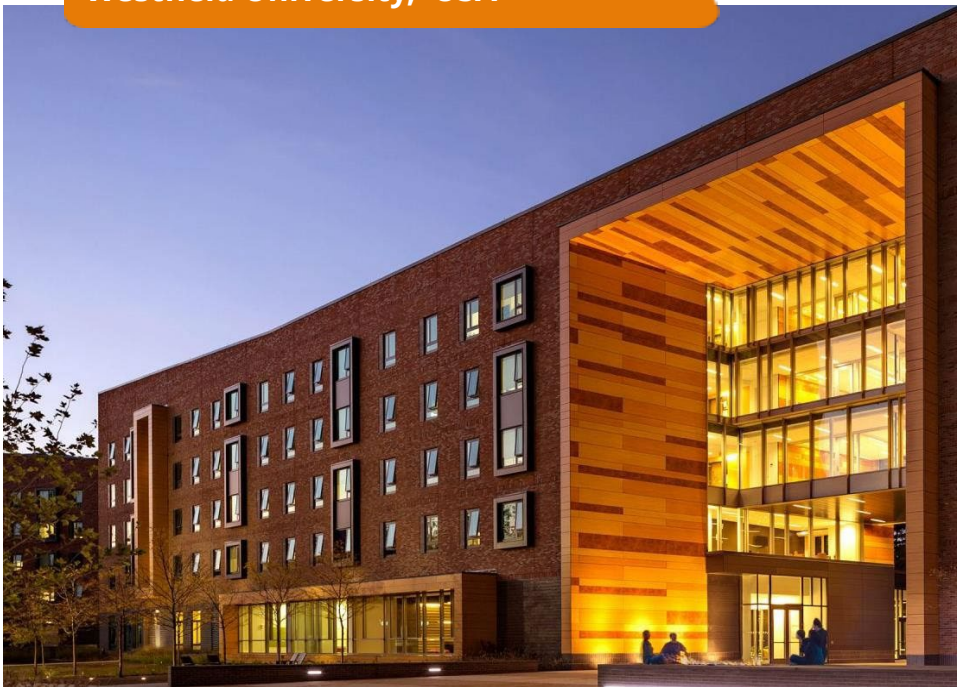




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FEATURED PROJECTS

Westfield University, USA

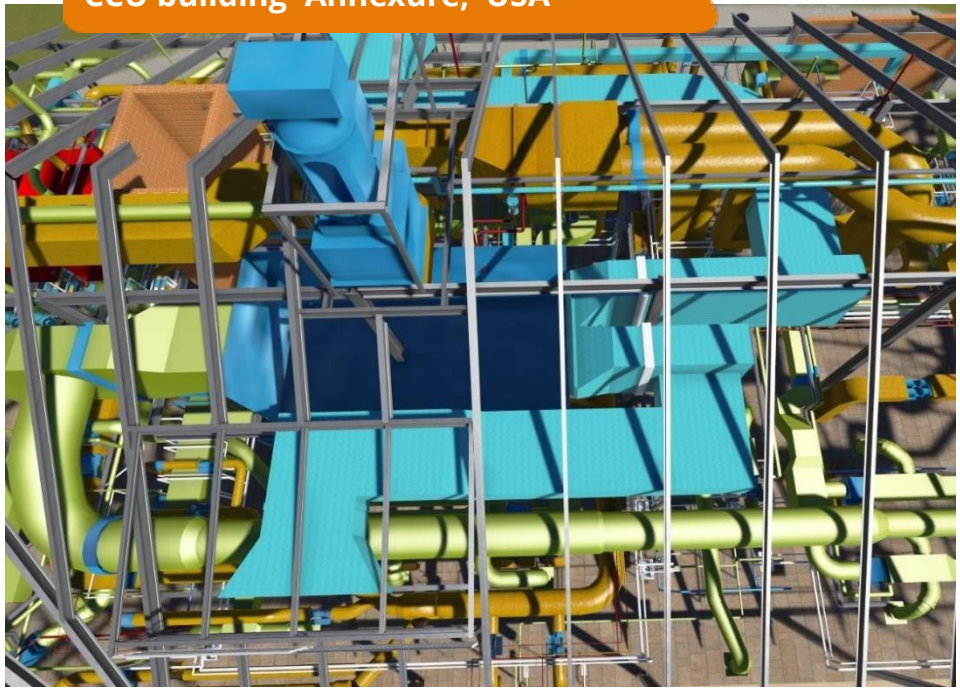




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FEATURED PROJECTS

CCU building- Annexure, USA

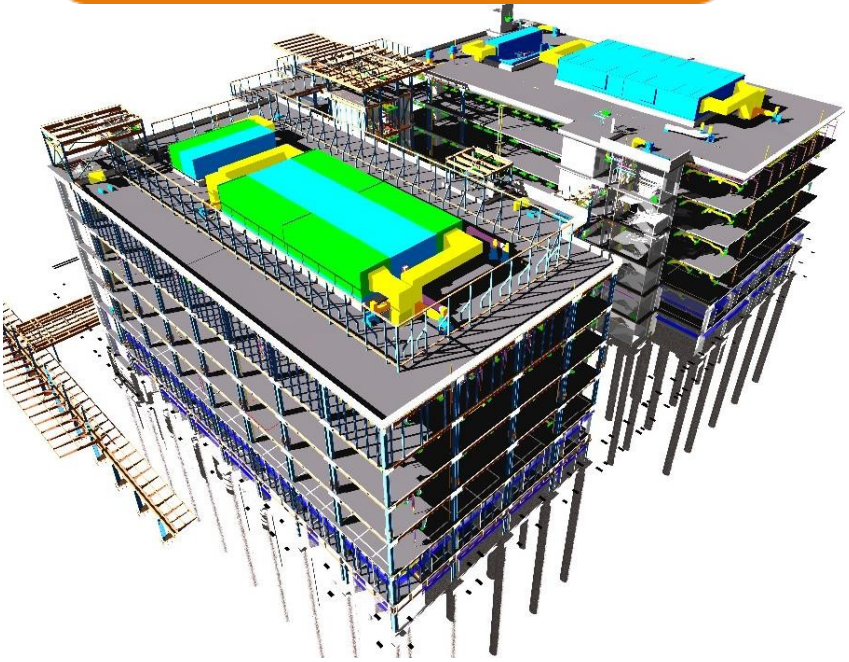




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FEATURED PROJECTS

Fort Bliss Clinics, USA





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FEATURED PROJECTS

UMASS Chapel, USA



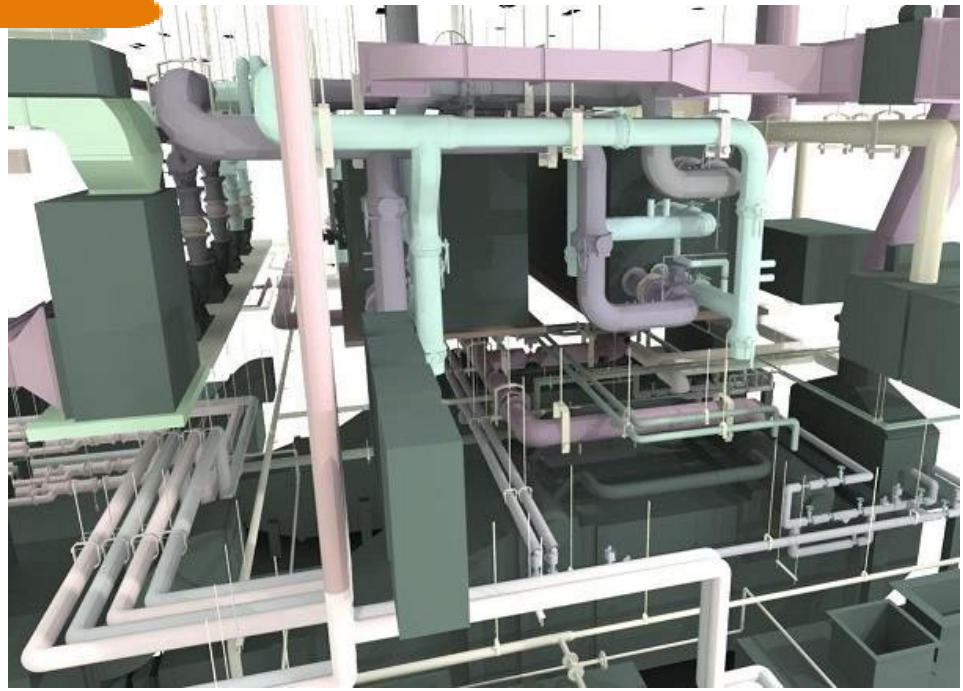


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FEATURED PROJECTS

West Haven Combined Heat & Power CHP, USA





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FEATURED PROJECTS

Mystic Seaport, USA



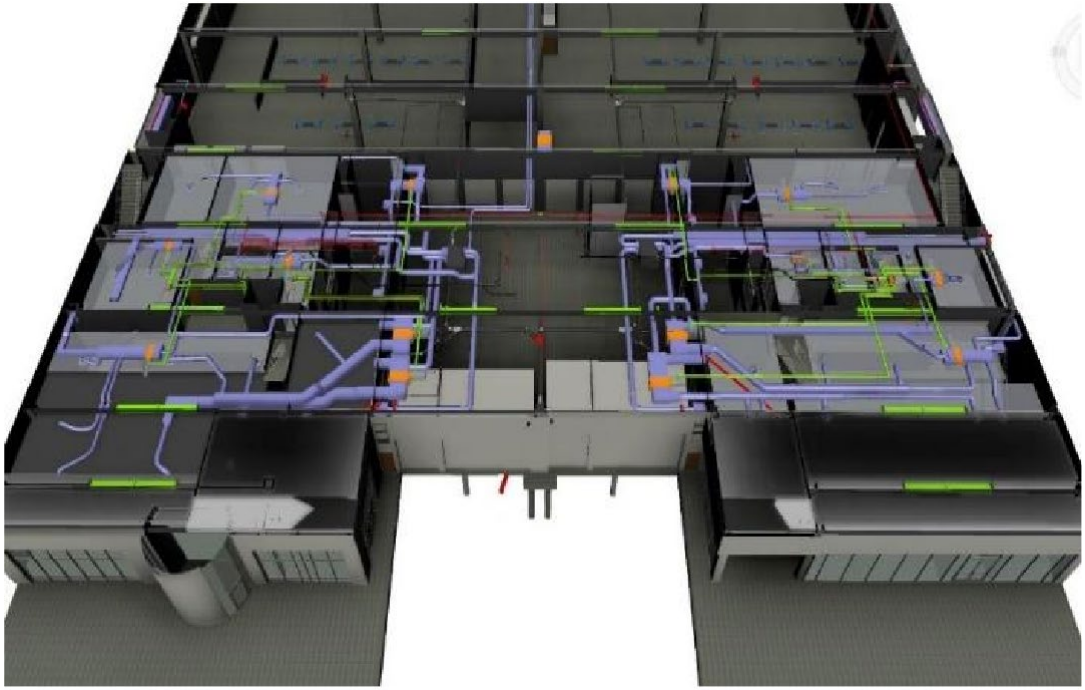


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FEATURED PROJECTS

Honda-Toyota Showroom, USA





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FEATURED PROJECTS

7001 Arlington, USA

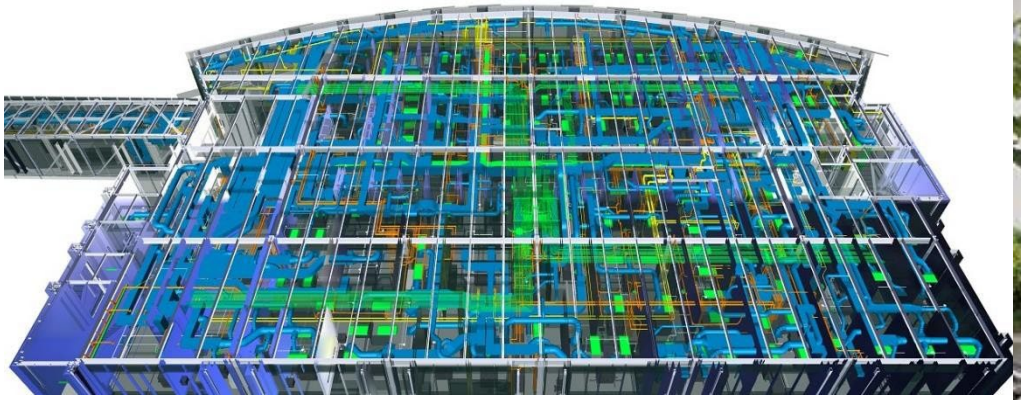




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FEATURED PROJECTS

Shriners Hospital, USA





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FEATURED PROJECTS

Perth Police Station, Australia







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THANK YOU

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PARTNERS IN ENGINEERING EXCELLENCE



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