



BIM MODELING SERVICES FOR SPECIALIZED ENGINEERING SERVICE FIRM

About Our Client

The client is fully integrated global service provider specialized in engineering, design, construction, digital, equipment manufacturing and real estate services. They serve both Domestic (US) as well as International customers across the world.

They are specialized in Food & Beverage, Manufacturing, Industrial, Automotive, Distribution, Mission Critical, and Commercial Projects.

Scope /Challenge

- The client encountered outsourcing challenges attributed to communication and collaboration issues, primarily stemming from time zone disparities and cultural differences.
- In one of the initial projects, the client engaged TAAL Tech to create a BIM model for area calculation intended for sales and marketing purposes. The specific client request was to integrate Revit areas into Excel macros. These macros were designed to identify errors promptly, both in the information provided and any potential BIM modeling discrepancies, ensuring a rigorous and accurate output.





Solution

TAAL Tech facilitated the client by deploying an Architect to their office in the USA. This arrangement ensured seamless communication of daily deliverables and project scope to the TAAL Tech Outsourcing team. The Onsite Architect coordinates effectively, ensuring no disruption to the client's time and project timeline.

Quality checks were conducted jointly by the TAAL Tech offshore team and the on-site Architect stationed at the client's office. This collaborative approach ensures the accuracy and quality of the BIM model and drawings, resulting in a precise and high-quality end product.

TAAL Tech leveraged the use of Common Data Environment (CDE) to enhance collaboration with the client and other project stakeholders. This strategic use of CDE facilitated effective communication and coordination, ensuring seamless interactions among all involved parties.

The TAAL Tech team promptly reviewed the client's supplied standards booklet, diligently adhering to a step-by-step procedure. They seamlessly incorporated data that aligned with the standard booklet and utilized Excel macros to accurately derive areas. This solution ensures that any future changes made to building areas in Revit will swiftly update in the Excel area statement, thereby saving valuable time.

Results Delivered

The client expressed high satisfaction with the performance, knowledge, quality, and diligence exhibited by the TAAL Tech team. This positive experience led to the extension of the current work engagement module, despite the initial arrangement being planned for a fixed short period.

The client is confident about TAAL Tech team ability in problem solving and result driven approach towards all engagements.

With TAAL Tech's assistance, the client has progressed from BIM maturity Level 1 to BIM maturity Level 2.



About TAAL Tech

TAAL Tech is a niche Engineering and Technology solutions provider serving global corporations in their pursuit for faster innovation. Our vision is to be a leader in providing innovative, high value engineering & technology services to global corporations. Meet our team and learn more about us.

