

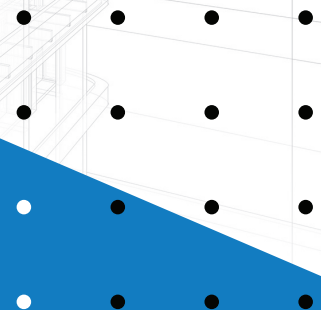
BIM

Building Information Modelling



Trikaal provides a broad range of BIM support services including complete BIM modelling, Content creation and BIM consulting.

Catered optimized setup of BIM Task Force for leading architectural firms and infrastructure developers.



Trikaal Tech is a leading engineering design service provider with offices based in North America and India.

Our services and support solutions cater to a wide range of domains that include Telecom, Mechanical, BIM, Infrastructure, GIS, Automotive & Solar Projects.



10+
YEARS



30K+
DESIGNS



40+
CLIENTS



100+
EMPLOYEES



It's our mission to provide customers the competitive edge through services and solutions driven by cutting-edge technology propelled by process excellence.

We adopt internationally accepted standard for different levels of Design (LOD).

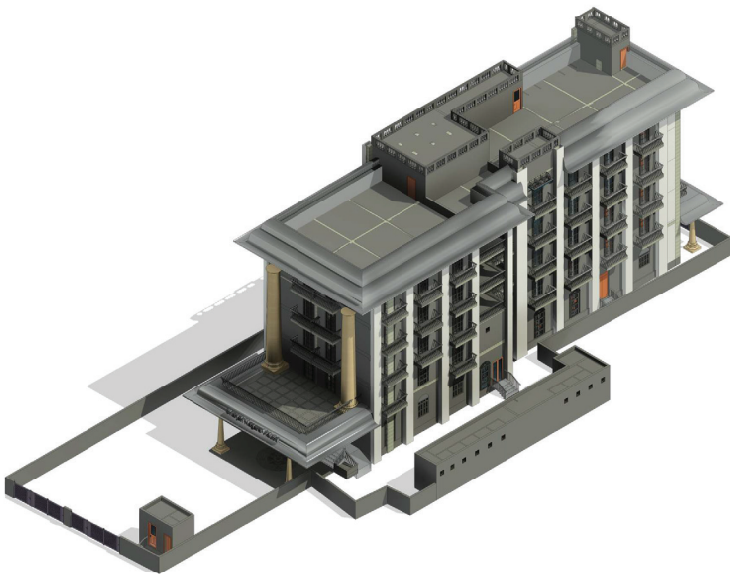
At Trikaal, we help our clients utilize the full benefits of BIM. Using our services, organizations can easily transition from traditional 2D process to BIM.

ARCHITECTURAL BIM

Complete coverage in BIM Modelling, from schematic designs, design development to construction documentation.

Architectural BIM includes modelling of the massing envelope, walls, slabs and floors for concept & schematic design.

Detail modelling of elements suitable for concept, design, construction and production drawings.

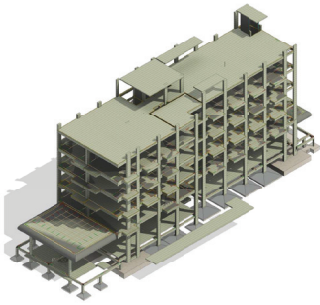


SERVICES

- Creating BIM from Sketches
- CAD Drawings
- Documentation in BIM
- Clash Detection

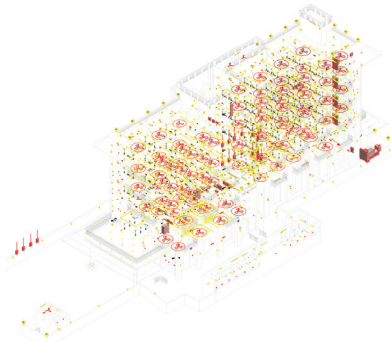
Expertise in Development Models for Design, 3D visualizations, Construction-caliber quantities, On site production control & fabrication.

ARCHITECTURAL BIM



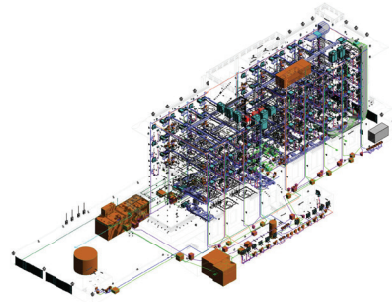
Structural

Ideating and modelling of foundations, columns, beams and reinforcement supporting the architectural elements in a project.



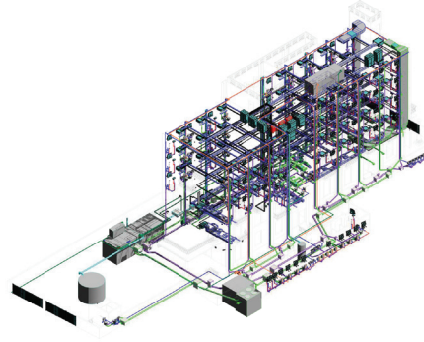
Electrical

Modelling elements of electrical layouts including wiring, fixtures and panel box junctions.



Plumbing

Planning and modelling of toilet fixtures, underground storage elements and piping layouts along with metering systems.



HVAC

Modelling of various air-conditioning types including piping, wiring, tonnage calculation integrated with the electrical system.

BIM CONSULTING

Complete BIM Mechanism collaborations including BIM specific processes, workflows, and dynamics.

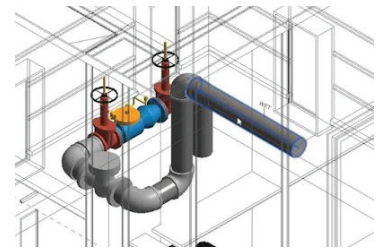
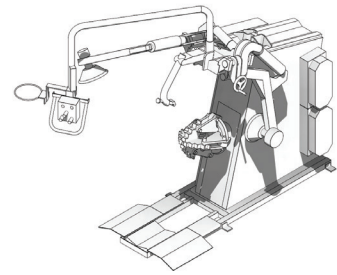
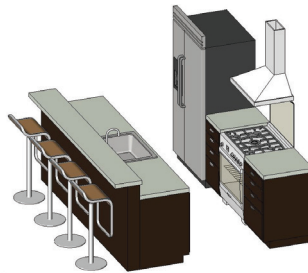
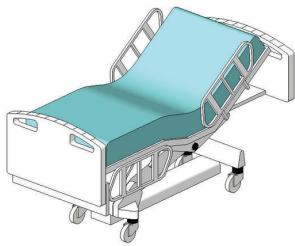
Developing standards through which the clients can embrace BIM on all their projects and assist project partners.

Assist organizations in process management, developing guidelines, managing BIM projects, and improving ROI metrics.

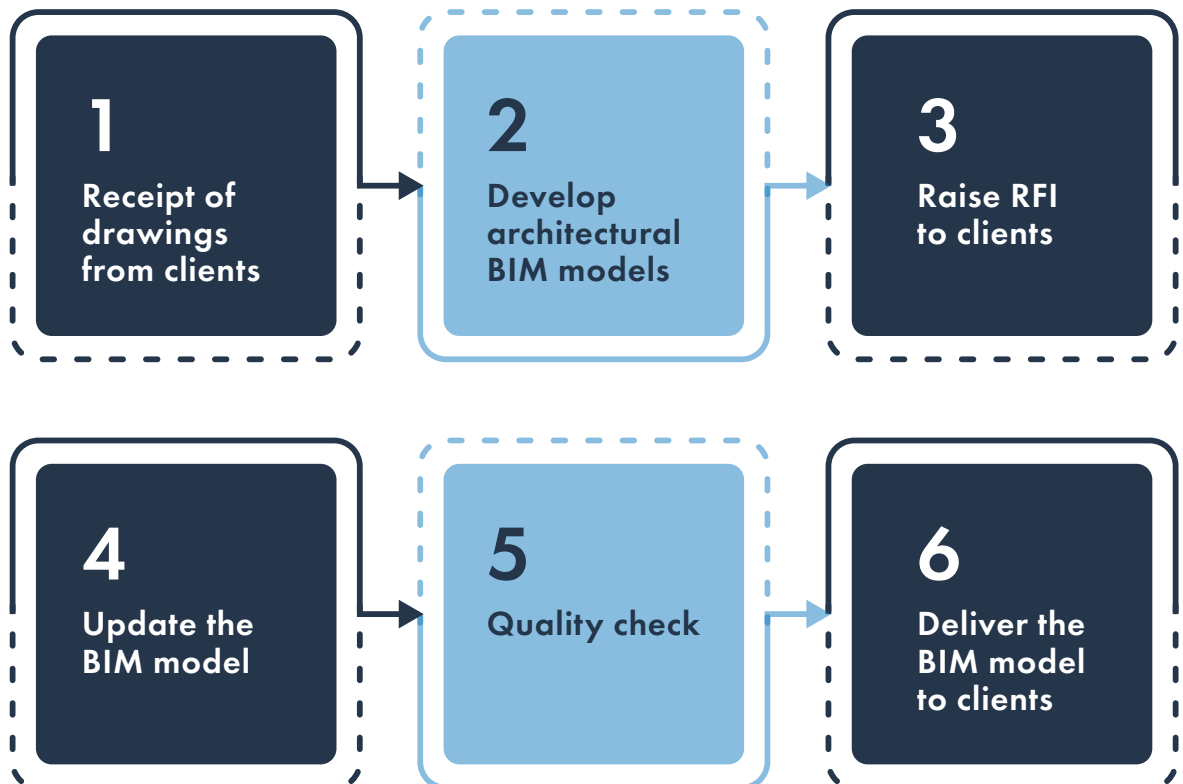
CONTENT CREATION

Revit Families & Contents for:

- Autodesk Revit Architecture, Revit MEP and Revit Structure
- System families used by a specific system
- Standard families used by several users



PROCESS



ADDITIONAL SERVICES



BIM MODELLING

- Architectural BIM
- Structural BIM
- MEP BIM

BIM CONSULTING

- BIM Implementation
- BIM Documentation
- BIM Execution Plan

BIM INTEGRATION

- BIM Integration

BIM CONTENT CREATION

- 3D Modelling Visualization
- 4D Planning & Scheduling
- 5D Cost Estimation
- 6D Sustainability & Energy Analysis
- 7D Facilities & Management

BIM APPLICATION DEVELOPMENT

- Revit Family
- PLM Workgroup Manager
- Dynamo

PACKAGE



**Flexible pricing
based on efforts
involved**



**Dedicated team
managed by
the client**



**Guaranteed
fixed budget**

CONTACT US



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