



Building Information Modeling (BIM) technology revolutionizes the architecture, engineering, and construction (AEC) industries by providing a comprehensive digital representation of a building's physical and functional characteristics. Utilizing 3D modeling software, BIM integrates multi-disciplinary data to create detailed, parametric models that encompass architectural, structural, and MEP (mechanical, electrical, plumbing) systems. This collaborative approach enhances project visualization, coordination, and decision-making, reducing errors and inefficiencies. Advanced capabilities such as 4D simulation (time scheduling), 5D cost estimation, and point cloud integration from laser scans further streamline construction workflows. BIM's ability to manage building assets throughout their lifecycle supports sustainable practices and improves facility management, making it an indispensable tool for modern construction projects.

**ARCHITECTURE BIM SERVICES**

VDC / BIM COORDINATION / CSD

POINT CLOUD SCAN TO BIM

**STRUCTURAL BIM SERVICES**

4D SIMULATION / RENDERING

VR / AR VDC

**MEP BIM SERVICES**

5D COST / QUANTITY TAKE-OFF

BIM DOCUMENTATION

BIM SERVICES

Why Choose BIM Technology?

- 1.Enhanced Collaboration:** BIM facilitates real-time collaboration among architects, engineers, and contractors, improving coordination and reducing errors.
- 2.Improved Visualization:** 3D models created with BIM allow stakeholders to visualize the project more accurately, aiding in better decision-making.
- 3.Efficient Design and Planning:** BIM enables efficient design iterations and planning, optimizing construction processes and reducing project timelines.
- 4.Cost Savings:** By detecting clashes and inconsistencies early, BIM helps in minimizing costly changes during construction.
- 5.Lifecycle Management:** BIM supports the entire lifecycle of a building, from design and construction to operation and maintenance, improving facility management.



Advantages of BIM Technology

- Accuracy and Precision:** BIM models provide detailed, accurate representations of building components and systems, reducing errors in construction.
 - Clash Detection:** BIM enables clash detection among various building systems, such as mechanical, electrical, and plumbing (MEP), early in the design phase, avoiding conflicts during construction.
 - Quantification and Cost Estimation:** BIM facilitates automated quantity takeoffs and cost estimations, enhancing budgeting accuracy.
 - Sustainability:** BIM allows for better analysis of energy efficiency and environmental impact, promoting sustainable building practices.
 - Improved Communication:** BIM fosters clearer communication through visualizations, improving understanding among project teams and stakeholders.
- In summary, adopting BIM technology offers multiple benefits, from enhanced collaboration and visualization to cost savings and sustainability, making it a valuable choice for modern construction projects.

ARCHITECTURE BIM SERVICES



"We specialize in delivering high-standard architectural BIM modeling and shop drawing services that adhere to industry-leading standards."

- All Architectural 3D BIM Modelling
- Architectural Family Creation
- All Architectural Shop Drawing
- Precast Details Drawing
- Fabrication Shop Drawing
- Floor Plan & Ceiling Details Layout
- Architectural Construction Drawing
- Installation Detail Drawing
- Architectural BIM Coordination
- Schedule and Quantity Take-Off
- As-Built Drawing
- Asset Management Data / COBie Data

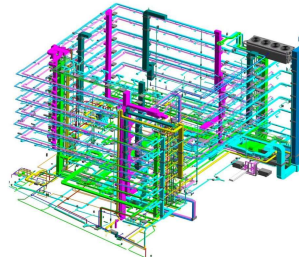
STRUCTURAL BIM SERVICES



"We specialize in delivering high-standard Structural BIM modeling and shop drawing services that adhere to industry-leading standards."

- All Structural 3D BIM Modelling
- Structural Family Creation
- All Structural Shop Drawing
- Steel Structure Shop Drawing
- Precast Details Drawing
- Fabrication Shop Drawing
- Structural Construction Drawing
- Installation Detail Drawing
- Structural BIM Coordination
- Schedule and Quantity Take-Off
- As-Built Drawing
- Asset Management Data / COBie Data

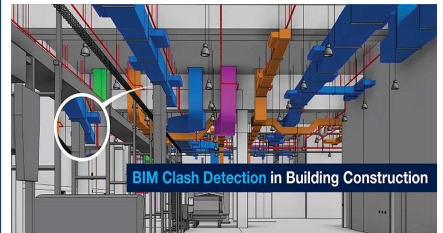
MEP BIM SERVICES



"We specialize in delivering high-standard MEP BIM modeling and shop drawing services that adhere to industry-leading standards."

- All MEP 3D BIM Modelling
- MEP Family Creation
- All MEP Shop Drawing
- Fabrication Shop Drawing
- MEP Construction Drawing
- Installation Detail Drawing
- Individual MEP BIM Coordination
- Schedule and Quantity Take-Off
- As-Built Drawing
- Asset Management Data / COBie Data

VDC / BIM COORDINATION / CSD



"We specialize in providing top-tier CSD (Combined Service Drawing), BIM Coordination, and VDC (Virtual Design and Construction) services, meticulously adhering to industry-leading standards."

- VDC BIM Meeting
- BIM Coordination
- Clash Detection & Report
- RFI Preparation
- CSD [Combined Services Drawing]
- MEP Penetration Drawing
- MEP services Maintenance Pathway
- Installation Detail Drawing
- MEP Equipment Delivery Routing
- Schedule and Quantity Take-Off
- As-Built Drawing
- Asset Management Data / COBie Data

4D SIMULATION / RENDERING

5D COST / QUANTITY TAKE-OFF

VR / AR VDC

POINT CLOUD SCAN TO BIM



PROJECTS

PROJECT HISTORY

1. AUCKLAND AIRPORT PROJECTS

Project Brief Text.....

Videos or Photos



1. AUCKLAND THEATER PROJECT

Project Brief Text.....

Videos or Photos



LIVE PROJECTS

1. AUCKLAND AIRPORT PROJECTS

Project Brief Text.....

Videos or Photos



1. AUCKLAND THEATER PROJECT

Project Brief Text.....

Videos or Photos



UP-COMING PROJECTS

1. AUCKLAND AIRPORT PROJECTS

Project Brief Text.....

Videos or Photos



1. AUCKLAND THEATER PROJECT

Project Brief Text.....

Videos or Photos



SOCIAL SERVICE



HISTORY

1. BLOOD DONATION

Project Brief Text.....



1. SENIOR CARE

Project Brief Text.....



ON-GOING

1. BLOOD DONATION

Project Brief Text.....



1. SENIOR CARE

Project Brief Text.....



UP-COMING

1. BLOOD DONATION

Project Brief Text.....



1. SENIOR CARE

Project Brief Text.....



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CONTACTS US

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1K+
CLIENTS


20+
COUNTRIES


10K+
PROJECTS


270+
PEOPLE