

# Transforming Construction Excellence: BIM Services for Saudi Arabia

Synercon Engineering is a leading provider of Building Information Modeling (BIM) solutions for building design and construction.

Let us engineer sustainable buildings, envisioning futuristic designs while adhering to international benchmarks and ensuring highest quality.

## Synercon Engineering's Vision for Saudi Arabia

To be the premier engineering and construction partner in Saudi Arabia, recognized for our innovative solutions, unwavering commitment to environmental sustainability, and our dedication to enhancing the safety, efficiency, and quality of projects across the region.

**Ready to  
Build the Future !**

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**synercon.pk**

## BIM Services

- 1. Design Services:** Develop 3D models for visualizing design and enhancing collaboration among stakeholders.
- 2. Clash Detection and Coordination:** Identify and resolve design conflicts early to minimize rework and project delays.
- 3. Cost Estimation and Budgeting:** Automate quantity takeoff and cost estimation to improve project budgeting and control.
- 4. Maintenance Services:** Create as-built models for efficient facility maintenance operations, and renovations.
- 5. Sustainability Analysis:** Use BIM for energy and environmental assessments, aligning Saudi Arabia's sustainability goals for construction projects.
- 6. Regulatory Compliance:** Ensure projects adhere to local regulations and international standards.
- 7. VR and AR Integration:** Enhance client engagement with immersive experiences.
- 8. Training and Support:** Provide guidance for effective BIM tools utilization.

## Why Choose US?

- **Expertise:** Our team comprises of certified BIM, LEED, and Structural Design professionals with extensive experience in the construction industry.
- **Custom Solutions:** We understand that every project is unique, and we tailor our services to meet your specific requirements.
- **Compliance Assurance:** Stay ahead of changing regulations and maintain a stellar safety record with our guidance incorporating AIA, ISO 19650 standards and benchmarks.
- **Environmental Responsibility:** We help you minimize your environmental impact, contributing to a green future achieving SDG targets.
- **Cost-Efficiency:** Our services not only aesthetics and design but also improve cost-effectiveness in your operations.

## Our BIM Team Lead

**Dr. Mohammad Adil (LEED Green Associate, USGBC)** with 20 years of experience in Civil Engineering design and specialization in BIM and Structural Design.

- **BIM Manager:** Implementing BIM and developing BIM Automation tools at OMICRON AEC Inc. BC, Canada.
- **PhD Structural Engineering:** University of Southampton, UK.
- **Founder:** Sustainable Housing Research Centre, funded by TDF-HEC Pakistan.
- **Co-Founder:** BIMPakistan.org, funded by TDF-HEC Pakistan.
- **Co-Founder:** Center for Industrial and Building Energy Audit, funded by TDF-HEC Pakistan.
- **BIM/CAD Software:** ACC/BIM360, Civil 3D, Revit, Naviswork, AutoCAD, Imerso, ECOTECT, Autodesk Vasari.

## BIM Services Clientele

### Architectural Firms

Offer assistance in creating precise and efficient building designs (Structural, MEP, Energy & Environmental, Landscape, Interior and Civil) using advanced BIM technology.

### Construction Companies

Enhance project efficiency, minimize errors, and foster seamless collaboration through BIM expertise.

### Real Estate Developers

Optimize building designs for superior functionality, aesthetic appeal, and cost-effectiveness.

### Government and Municipal Agencies

Deliver specialized BIM services tailored for public infrastructure projects.

## BIM Packages We Offer

### Consulting Services

Provide expert guidance and advisory services, available either on an hourly basis or project-specific fees.

### Training Workshops

Conduct paid workshops and seminars focused on the implementation and effective use of BIM.

### BIM Modeling Services

Offer services for the creation and maintenance of accurate BIM models, with corresponding fees.

### Subscription-Based Support

Provide ongoing support, including regular updates, through a subscription-based model.