

# COMPANY **PROFILE**

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EMPOWERING  
EXPERTISE



# ABOUT US

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Since 2013, the Technical Xperts Group (TXG) has been a prominent International Digital Delivery partner in the AEC (Architectural Engineering and Construction) sector, boasting a decade of industry-leading expertise.

Our innovative approach, leveraging Digital Twin technology, has played an integral role in creating some of the world's most renowned and celebrated landmarks.



## WHY TXG ?

TXG is committed to delivering solutions and services for leading companies worldwide. Our values and professionalism in creating world-class support have their benchmark. Our comprehensive and collaborative support increases efficiency and sustainability, improves operational performance, maximizes profit value, and ensures seamless incorporation of future technologies.

TXG support customer growth through our customized solutions and strategies, which help us to deliver commitments. The expertise of our team, along with a strong network, is the key to our success.

- **Deployment of innovative technology solutions and partnership**
- **Optimal and most cost-effective design and planning.**
- **Comprehensive resource management and training support.**
- **Efficient operations from multiple locations**

## WHAT WE VALUE MOST

- Quality
- Teamwork
- Precision
- Excellence
- Commitment
- Integrity

## MISSION

Empowering construction excellence with innovative digital delivery solutions

## VISION

Redefine the construction industry by integrating advanced BIM methodologies and cutting-edge digital delivery solutions seamlessly.





# OUR SERVICES



**TXG** Digital  
Delivery  
Partner  
TECHNICAL XPERTS GROUP





## OUR SERVICES

01

BUILDING INFORMATION  
MODELLING(BIM)  
IN DESIGN

02

DIGITAL CONSTRUCTION  
SOLUTIONS

03

CAFM IMPLEMENTATION

04

DIGITAL TWIN FOR SMART BUILDING  
IMPLEMENTATION & INTEGRATION  
(BMS & IOT DEVICES INTEGRATIONS)

05

GIS INTEGRATION &  
SMART CITIES

06

DIGITAL CONSTRUCTION  
CONSULTANCY TO CLIENTS

07

REALITY CAPTURE

08

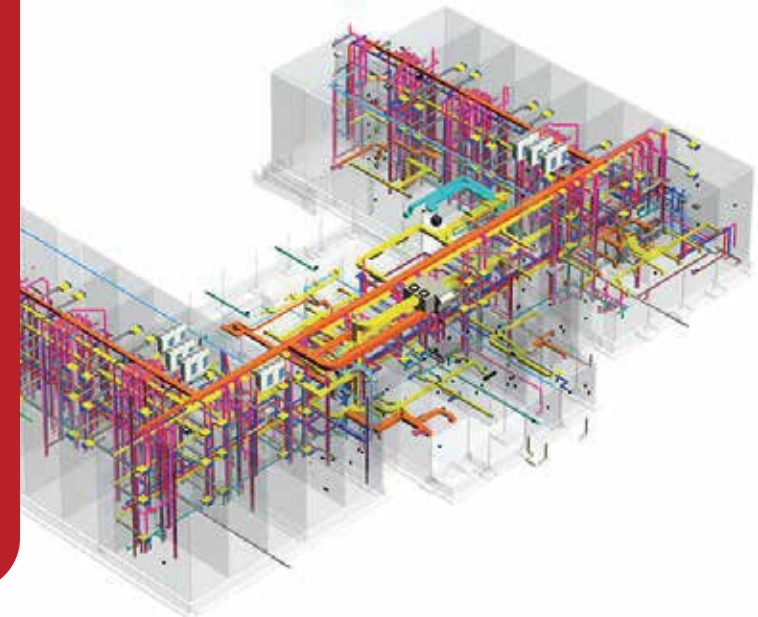
MANPOWER SUPPLY



## OUR SERVICES

### BUILDING INFORMATION MODELLING(BIM) IN DESIGN

- BIM for Visualization
- BIM for Coordination & Clash resolution
- BIM for Quantification
- BIM for Manufacturing & Fabrications
- High Quality Renderings
- Virtual Walkthroughs
- Design Analysis



### DIGITAL CONSTRUCTION SOLUTIONS

- BIM To Field ( Digital Work Inspections)
- LIDAR Scanning for As-built Documentation, Quality inspection & Progress monitor
- Scan to BIM Conversion
- BIM for Immersive solution like Augment, Virtual & Extended reality
- Common Data Environment Setup and Implementation as per ISO 19650 Standards
- 4D – Construction sequencing simulation, Planning & Progress monitoring & Reporting.
- 5D- Project Cost Model simulation



## OUR SERVICES

### CAFM IMPLEMENTATION (COMPUTER AIDED FACILITIES MANAGEMENT)

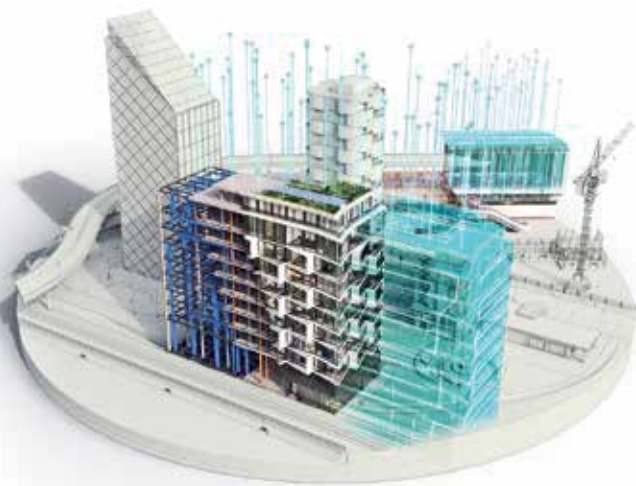
- Streamlined Reactive Maintenance and Work Order Management
- Optimized Preventive and Planned Maintenance
- Effective Asset Management and Reduced Maintenance Costs
- Powerful Reporting and Data Visualization
- Multi-Site and Portfolio Management
- CAFM and BIM Integration
- Increased Tenant Satisfaction



### DIGITAL TWIN FOR SMART BUILDING IMPLEMENTATION & INTEGRATION

(BMS & IOT DEVICES INTEGRATIONS)

- Accelerated risk assessment and production time
- Predictive maintenance.
- Real-time remote monitoring and interactions with built environments.
- Real-time integration with IoT and BMS





## OUR SERVICES

### GIS INTEGRATION & SMART CITIES

- GIS and BIM helps construction organizations
- Streamline surveying and organize all data in a central location.
- Capturing, checking, and displaying data related to positions on Earth's surface.
- Access to the correct data in real time.



### DIGITAL CONSTRUCTION CONSULTANCY TO CLIENTS

- Setting-up strategy and Guidelines.
- RFP/Tender support by understanding client vision & project requirements etc..)



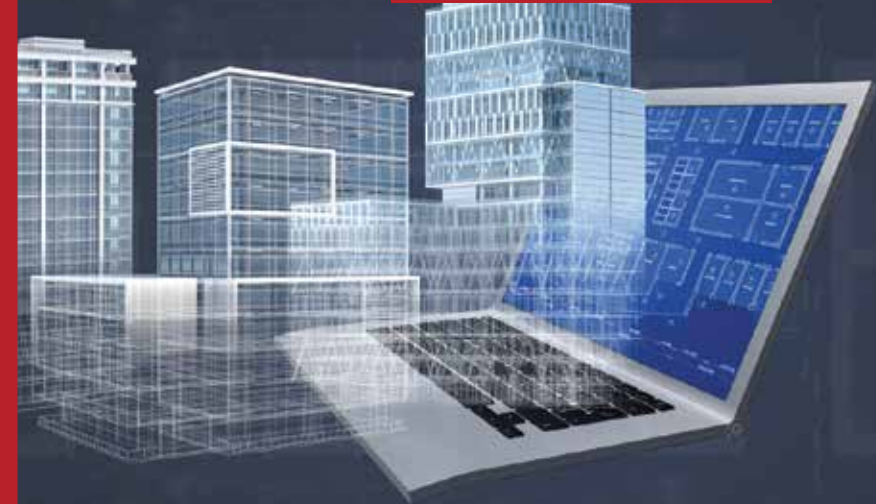




## OUR SERVICES

### REALITY CAPTURE

- LiDAR scanning
- Photogrammetry
- Mobile mapping
- Aerial Survey



### MANPOWER SUPPLY

- BIM professionals supply

**EDUCATIONAL & COMMERCIAL**



**MULTI RESIDENTIAL**



**HOSPITALITY**



**HOSPITALS**



**AIRPORTS**



**GOVERNMENT**



**SECTORS  
WE SERVE**





## ICONIC PROJECTS

### KING ABDULLAH FINANCIAL DISTRICT

#### SERVICES

- Digital Twin Implementation
- Operational BIM Development
- Asset Information Model

CLIENT  
LOCATION

KAFD  
Riyadh, KSA



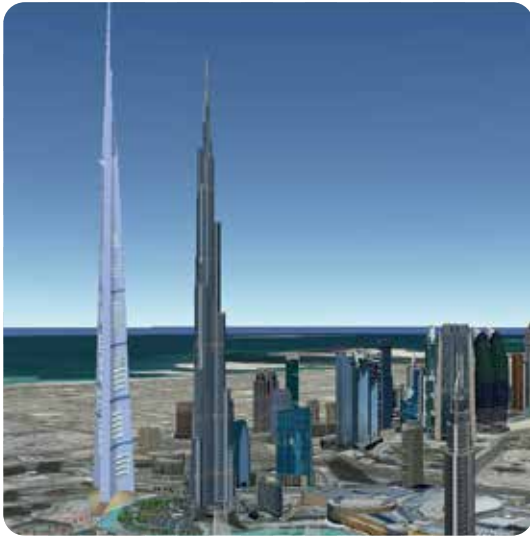
### NEOM BAY AIRPORT T1T2

#### SERVICES

- Digital Delivery Partner
- BIM Development service for Structure, Architecture, Interior, MEP, ELV & SAS Systems to the stage of LOD 300, 350,400 & 500

CLIENT  
LOCATION

NEOM  
Neom, KSA



## ICONIC PROJECTS

### JEDDAH TOWER

#### SERVICES

- 4D Construction Simulation
- 3D Space Coordination
- 3D Modelling and Coordination
- Shop Drawing Submissions

**CLIENT**

**Saudi Binladin Group**

**LOCATION**

**Jeddah, KSA**



### KING ABDUL AZIZ INTERNATIONAL AIRPORT

#### SERVICES

- Engineering Support
- Site Coordination
- Project Close-out Documentation
- CAD standardization

**CLIENT**

**GACA**

**LOCATION**

**Jeddah, KSA**





## ICONIC PROJECTS

### AL MOOSA REHABILITATION & LONG-TERM CARE HOSPITAL

#### SERVICES

- BIM Modelling of Architecture, Structure, Interior and MEP
- Carrying out Clash Detection and Multitrade Coordination
- Production of Fully Coordinated Clashzero Consolidated 3D Model
- BIM Site Coordination
- Extraction of 2D Drawings from 3D Model for the Production of CSD

CLIENT  
LOCATION

**Al Moosa Hospital**  
**Al Ahsa, KSA**



### RIYADH METRO

#### SERVICES

- BIM Model Development
- Construction Document
- ELV Shop Drawings

CLIENT

**High Commission for the  
Development of Ar-Riyadh**

LOCATION

**Riyadh, KSA**



## ICONIC PROJECTS

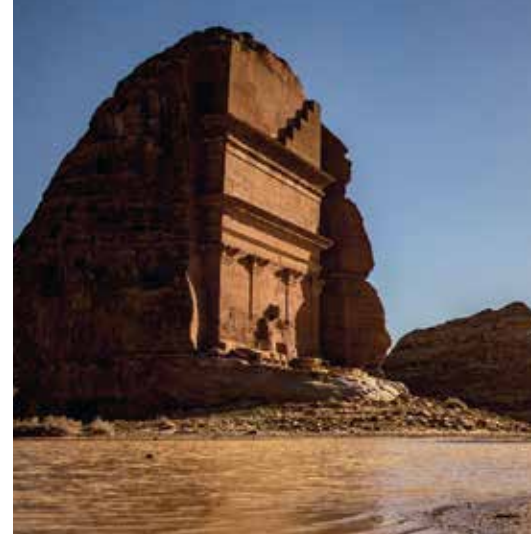
### KING SALMAN PARK

#### SERVICES

- Tendering Support

CLIENT  
LOCATION

MBL  
Riyadh, KSA



### HEGRA BOUTIQUE HOTEL (UNESCO APPROVED BUILDING)

#### SERVICES

- BIM Conversion
- Archi- CAD to Revit Conversion of all Architecture Drawings

CLIENT  
LOCATION

Gioforma  
Al Ula, KSA



## ICONIC PROJECTS

# TADAWUL TOWER

### SERVICES

- BIM Modelling of Architecture, Structure, Interior and MEP
- Carrying out Clash Detection and Multitrade Coordination
- Production of Fully Coordinated Clash zero Consolidated 3D Model
- BIM Site Coordination
- Extraction of 2D Drawings from 3D Model for the Production of CSD

**CLIENT**

**Samsung CCE JV**

**LOCATION**

**King Abdullah Financial District  
Riyadh, KSA**



**"After a successful decade, many more  
incredible projects await in our pipeline."**

# OUR KEY CLIENTS

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## OUR FOOTPRINTS

### TXG INDIA

TECHNICAL XPERTS GROUP TXG COMPLEX,  
RAILWAY STATION ROAD, VANIYAMBALAM, KERALA - 679 339, INDIA

### TXG KSA

TECHNICAL XPERTS GROUP BUILDING 101, 5TH FLOOR SARI STREET,  
AL KHALEDIYA JEDDAH, KINGDOM OF SAUDI ARABIA

### TXG UAE

TECHNICAL XPERTS GROUP SAIF-ZONE  
PO BOX - 513153 SHARJAH, UAE



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THANK YOU

**TXG** Digital  
Delivery  
Partner  
TECHNICAL XPERTS GROUP