

## Where Visuality Extends

Interactive 3D Experiences | Digital Twins | AI & IoT

# Beyond Visualization. Into Interaction.

## Who We Are

VisualityX is a simulation technology company founded in 2026, headquartered in Riyadh with offices in Amman and Muscat. We build interactive 3D simulations and Digital Twins that transform how industries design, build, and operate.

Our team comprises seasoned professionals from archviz, 3D building, immersive tech, luxury asset sales, Industrial IoT & marketing — a diverse group united in their passion for building virtual experiences that deliver results.

## OUR SERVICES

# Transforming How Industries Showcase Properties

with Our All-in-One Immersive Tools

### REAL ESTATE

#### 3D Simulations & Digital Twins

Photorealistic 3D representations of Real Estate Compounds, Stadiums and mega projects.

### SPORTS

#### Stadiums

Ultrarealistic, real-time stadium models with fan experience optimization.

### INDUSTRIAL

#### Smart Factories

An exact replica of any factory with full IoT & AI Integration.

### MAINTENANCE

#### Simulations | Digital Twins

Accuracy and realism that make it hard to believe it's a simulation.

### IOT & AI

#### Integration

Connect real-world assets with real-world data for predictive intelligence.

### IOT & DIGITAL TWINS

#### Smart Home IoT

3D simulation becomes a living dashboard — energy, water, security & occupancy monitoring.

### PRESENTATION

#### Maquette Control App

Static or 3D — your CGIs and plans in a sleek app with integrated lighting control.

THE VISUALITYX ECOSYSTEM

# More Than Visualization. A Living Ecosystem.



## INTERACTIVE 3D

The Body

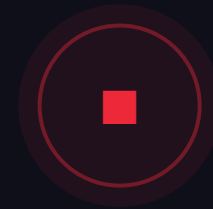
Real-time visualization  
from any angle



## DIGITAL TWIN

The Nervous System

Live data connected  
to physical assets



## AI & IoT

The Brain

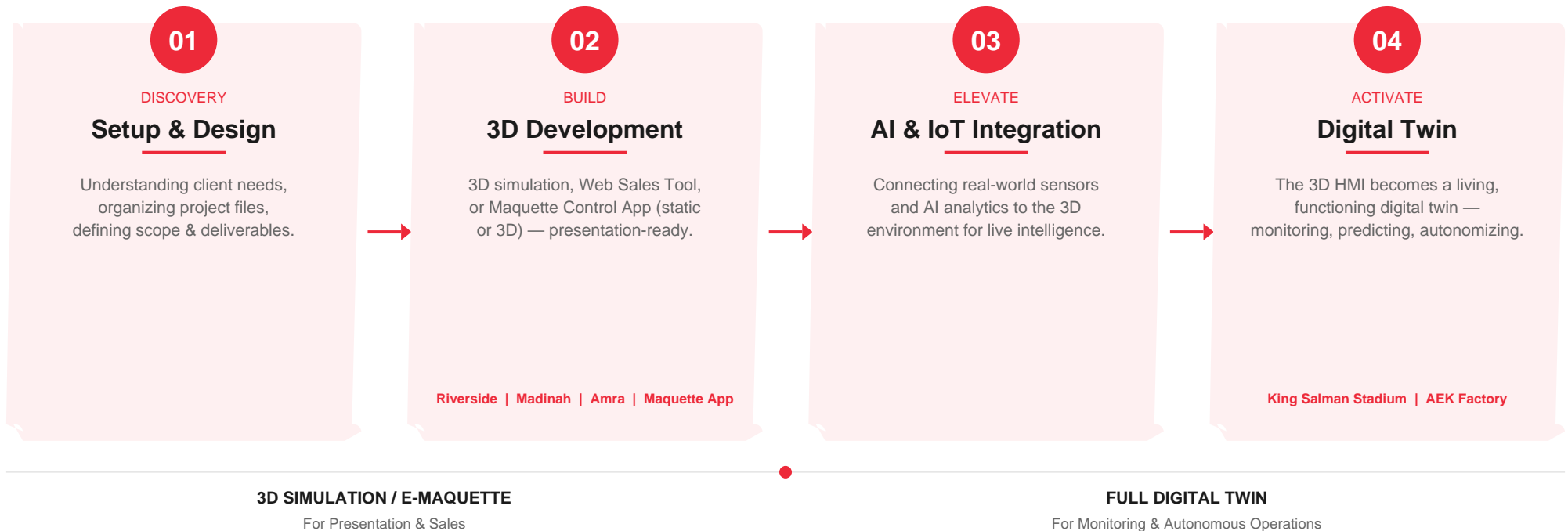
Prediction, automation,  
intelligence

Interactive 3D is just the beginning. It's the foundation of an interconnected system that brings your assets to life.

OUR PROCESS

# From Vision to Living Asset

How we transform your project into an interactive, intelligent digital experience.



# Maquette Control App

## Presentation & Lighting Control for Physical Models

Your physical model, brought to life. We take your CGIs, floor plans, and project details and assemble them into a sleek, modern app with integrated lighting control. As a presenter navigates a zone or building, its lights illuminate spontaneously — creating a seamless, immersive presentation experience. Prefer manual control? A built-in lighting panel puts every zone at your fingertips.

### Static App

#### BUDGET-FRIENDLY

- Client-provided CGIs & plans
- Elegant organized presentation
- Integrated lighting control
- No 3D development needed

### 3D Simulation

#### LEVEL UP

- Everything in Static, plus:
- Real-time interactive 3D navigation
- Walk through the project on screen
- Physical model responds in sync

*Hardware scope is flexible — full solution (app + lighting) or software only, depending on the project.*



Live deployment at Saudi Expo

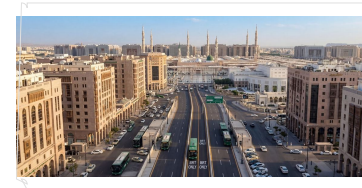


# Madinah Smart City Project

SAUDI ARABIA | NON-DISCLOSED



VisualityX developed a comprehensive interactive 3D simulation of a major smart city transit initiative in Madinah Al-Munawwarah — from aerial urban overviews to street-level passenger experiences — enabling stakeholders to explore and validate the full scope of the infrastructure.



BRT Station



Bus Interior



3D E-Maquette



Station Overview



REAL ESTATE | E-MAQUETTE

# Riverside Real Estate 3D E-Maquette

An interactive 3D E-Maquette that doubles as the HMI for a Smart Home IoT ecosystem — from photorealistic sales presentation to living compound intelligence.

## Maquette Control App

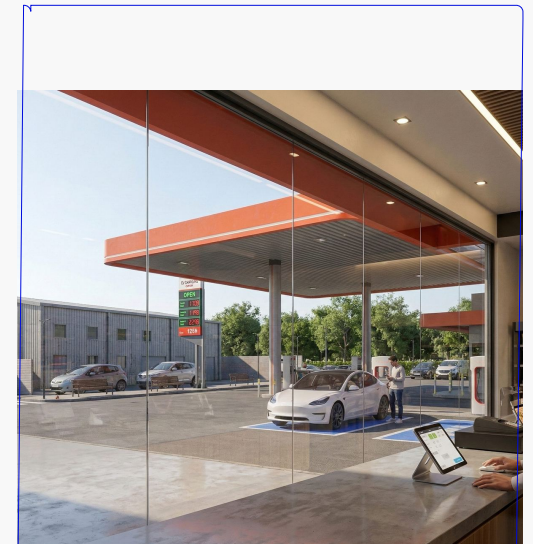
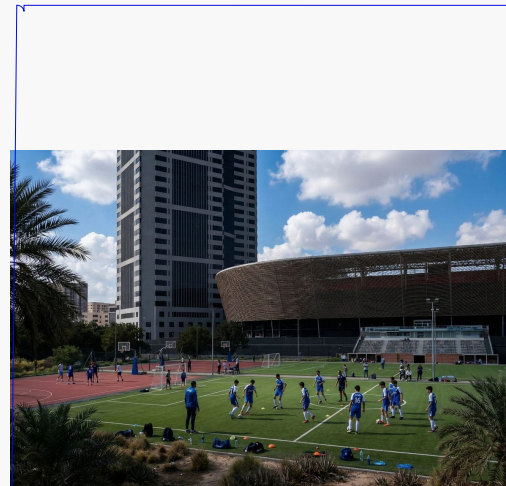
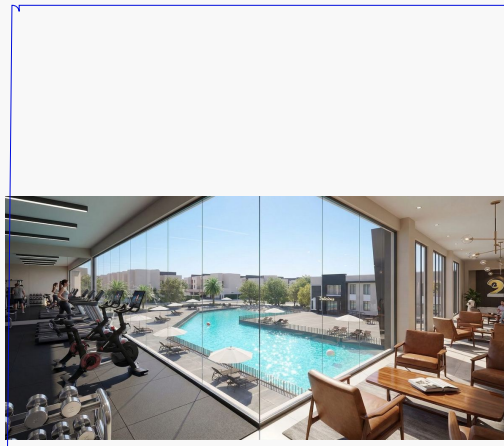
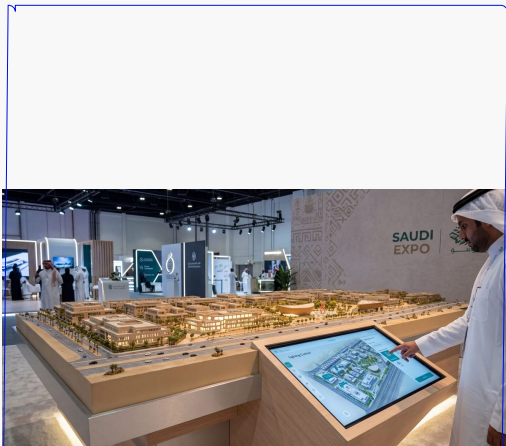
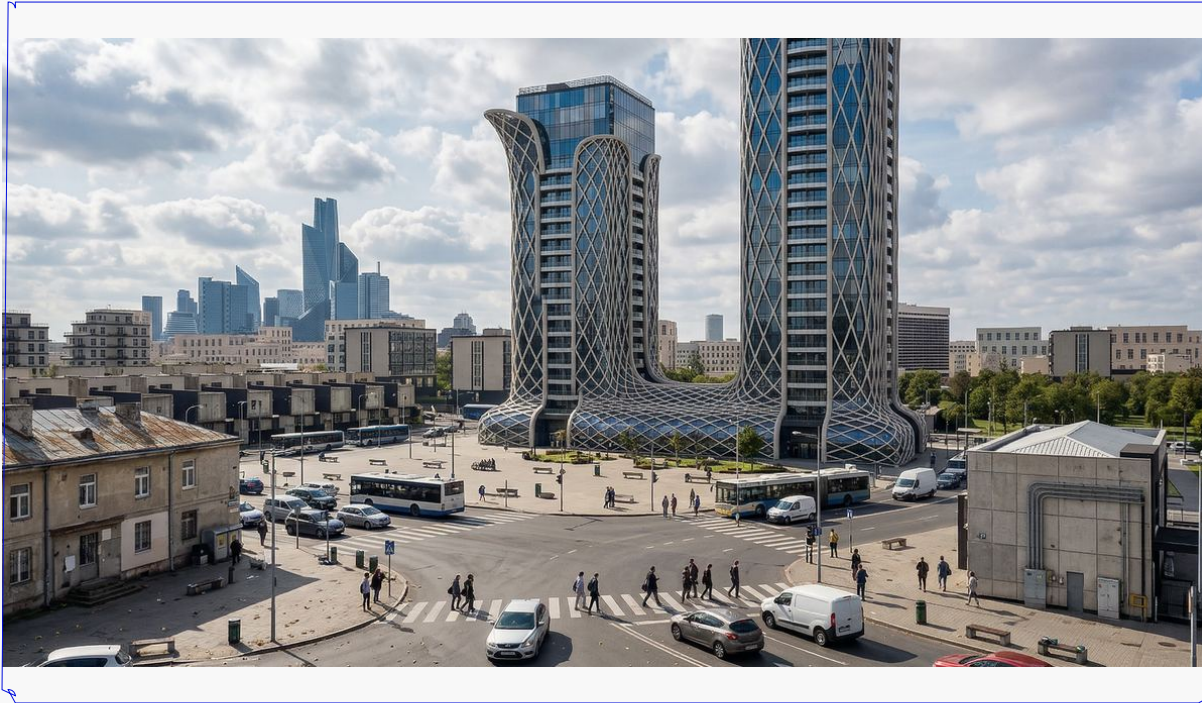
Your CGIs & plans in a sleek app with lighting control. Static or 3D — zones illuminate as you present, or control manually.

## Interactive E-Maquette

Photorealistic 3D simulation replacing physical models — also serves as the Smart IoT HMI.

## Smart IoT Integration

Energy, water, security & occupancy monitoring at compound and unit level via the 3D interface.



ABDOUN, AMMAN | WEB SALES TOOL

# Amra Tower

## AI-Powered Sales Tool

A versatile, AI-powered interactive web sales tool that runs on any tablet, smartphone, or laptop. Present the project anywhere, anytime — a less expensive, easier to use alternative to physical showrooms and printed materials.

### Cross-Platform

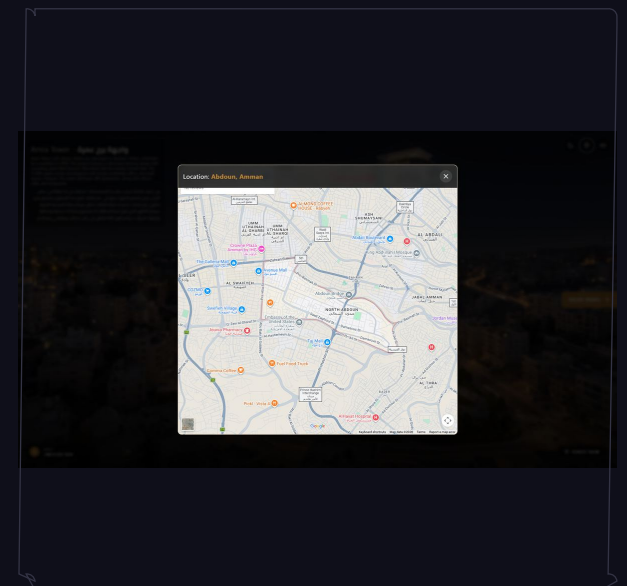
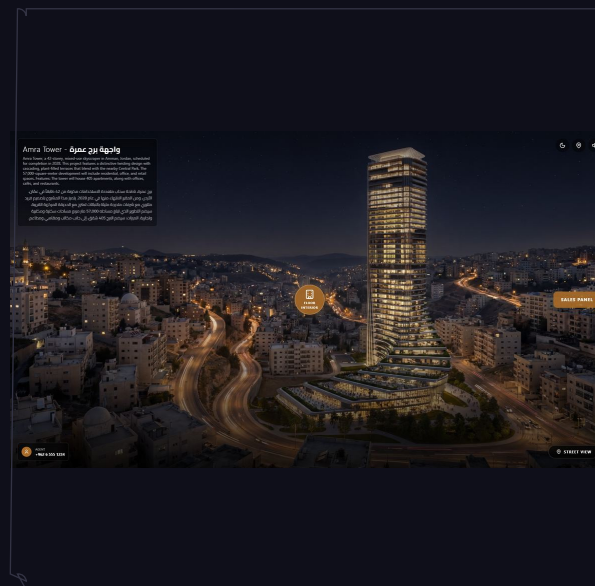
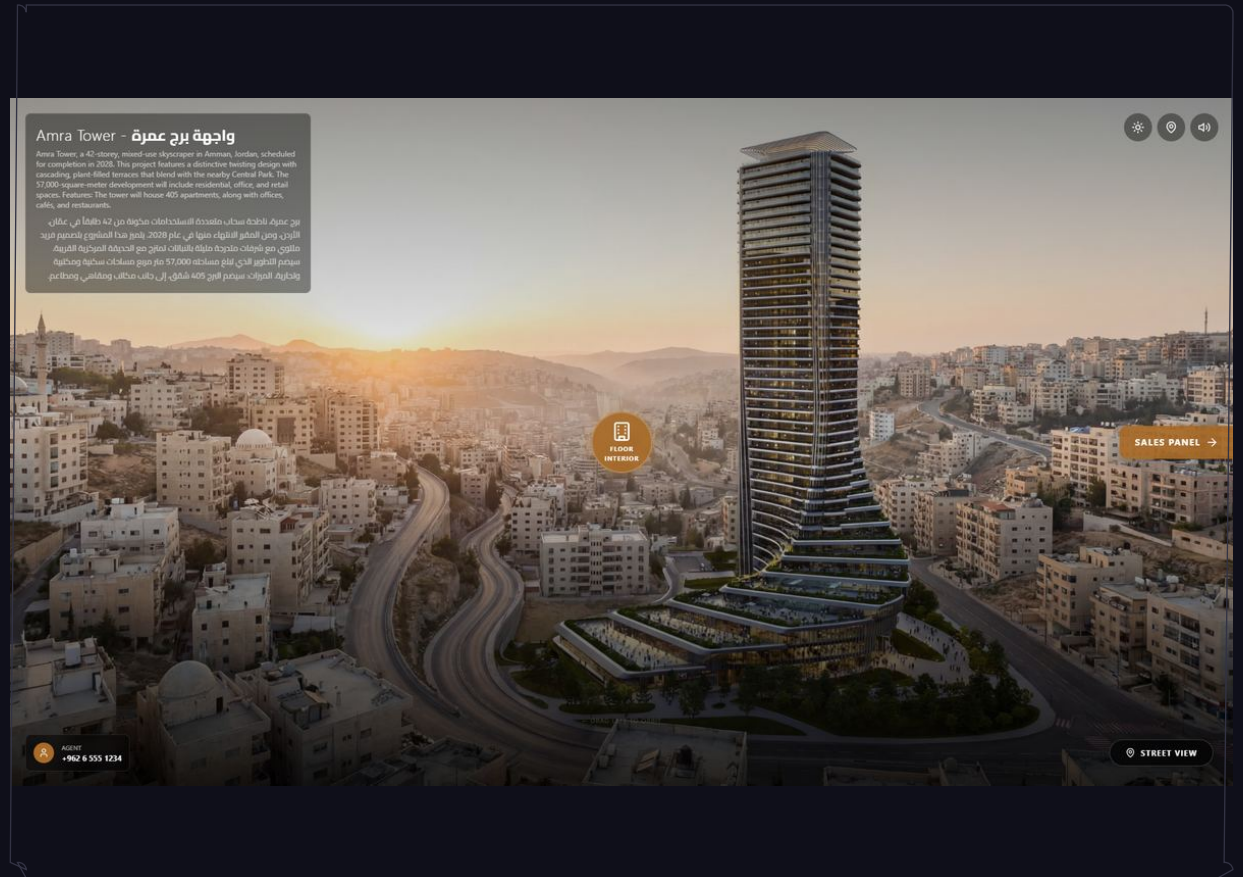
Runs in any browser. No app downloads.

### AI Sales Panel

Floor explorer, unit availability, pricing.

### Cost-Effective

Replaces physical models at a fraction of the cost.





RIYADH, SAUDI ARABIA

# King Salman Stadium Digital Twin

Right in the heart of Riyadh, with full spatial context — a real-time shadow of the stadium that can be monitored and controlled.

## MEP Predictive Maintenance

Integrating live data from thousands of components to predict failures before they happen.

## Environmental Simulation

Managing water consumption, energy use, and thermal comfort.

## Spectator POV

Simulating 80,000+ spectators to validate evacuation and optimize security.

INDUSTRIAL

# AEK Marble Factory Digital Twin

A first-of-its-kind digital twin to improve operational efficiency, activate predictive maintenance, and autonomize the entire factory.



## AR Full Overview

Central command hub with total operational oversight and predictive maintenance.

## 3D Virtual Environment

Risk-free virtual testing for workflow optimization and efficiency validation.

## Immersive Training

Remote diagnostics and staff training with live KPIs from anywhere.

# How We Work

1

## 3D Simulation

E-Maquette

For Presentation & Sales

Contact for pricing

2

## Full Digital Twin

IoT Integrated

For Monitoring & Control

Contact for pricing

3

## Full Ecosystem

IoT + AI

For Autonomous Operations

Contact for pricing

## Let's Talk

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## Leadership

**Amro Alhasan** CEO & VP

**Monther Khraim** Chairman

**Basil Alhasan** CTO

**Islam Khraim** Board Member & Consultant

**Moh'd Alhasan** Board Member & Consultant