BRICKSOL

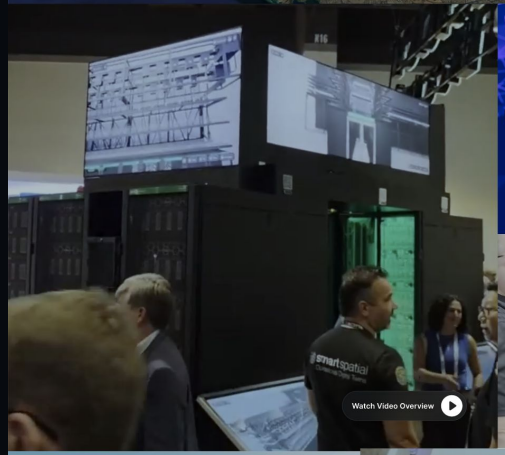
COMPANY PROFILE / 2026

Building Tomorrow, Digitally Today.

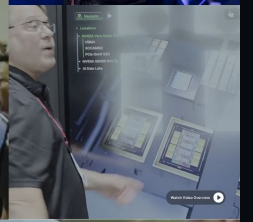
Digital Twins ▪ Simulations ▪ Immersive Spatial experiences

www.bricksol.net

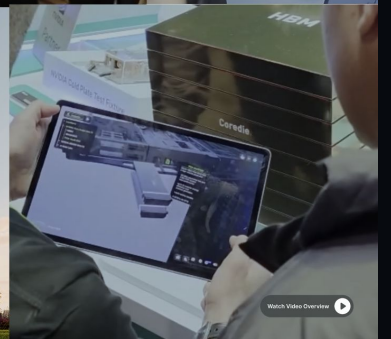












Proof before promise.

STRATEGIC PARTNER

smartspatial™

Operational digital twins

Bricksol combines spatial design and delivery with Smart Spatial's operational digital twin platform.

smartspatial.com

CUSTOMER

العوالي ALAWALY

Archviz Config

A browser-based, photoreal portfolio experience delivered for Alawaly Real Estate.

alawaly-project.vercel.app

ACTIVE COLLABORATION

Impact One

King Salman Park Hills

Bricksol is supporting Impact One on the King Salman Park Hills workstream in Riyadh.

impact.one

A spatial technology company for complex places.

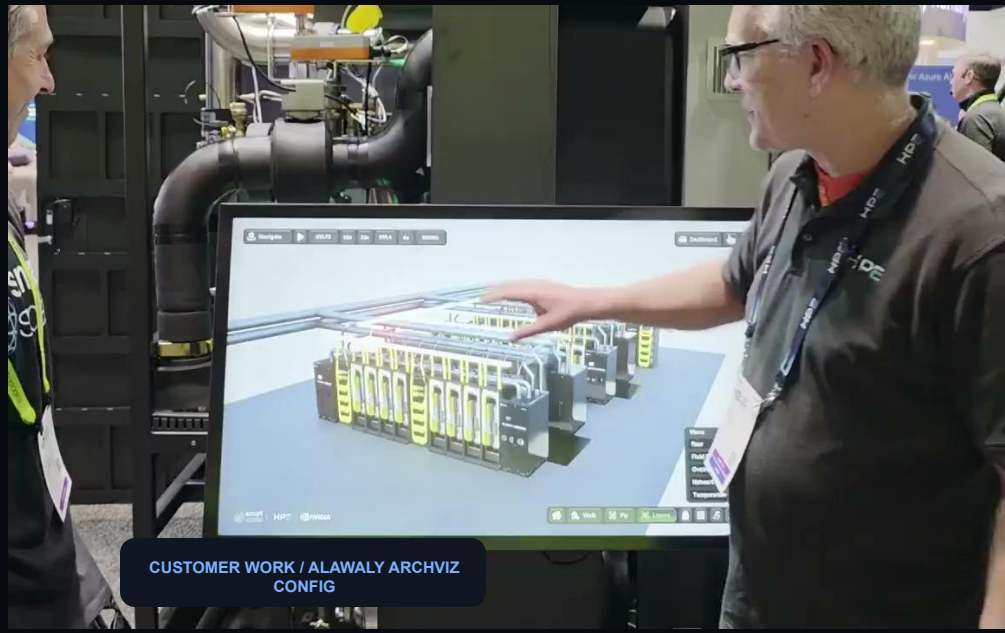
Bricksol combines real-time 3D, simulation, immersive design, and connected data to build useful products for the built world.

Product strategy
Use cases · workflows · experience

Real-time 3D
Environments · interaction · simulation

Connected data
BIM · GIS · IoT · APIs · analytics

Product delivery
Design · build · deploy · evolve



CUSTOMER WORK / ALAWALY ARCHVIZ CONFIG

Make complex places easier to understand, test, and improve.

01

Mission

Turn complex environments into clear spatial products that improve decisions, learning, communication, and operations.

02

Vision

Every important place, asset, and process can be explored, simulated, and improved through connected spatial intelligence.

03

Promise

Combine visual credibility with practical utility—so every experience is intuitive, useful, and designed to evolve.

CLARITY

UTILITY

FIDELITY

CONTINUITY

A focused stack for spatial products.

01 **Operational digital twins**

Connected environments for infrastructure, facilities, assets, and cities.

02 **Simulation & training systems**

Repeatable scenarios for planning, skills, safety, and response.

03 **Interactive sales systems**

Browser-based configurators, masterplans, portfolios, and tours.

04 **AR, VR & spatial applications**

Immersive interfaces for training, storytelling, and field context.

05 **Real-time 3D content**

Optimized, high-fidelity environments built for interaction and reuse.

06 **Data & systems integration**

BIM, GIS, IoT, APIs, dashboards, and analytics inside the spatial view.

One spatial foundation. Three ways to create value.

Sell & align

Make proposed places tangible before they exist.

Interactive real estate

Stakeholder reviews

Sales & presentations

Train & simulate

Practice decisions and procedures without real-world exposure.

Role-based training

Scenario rehearsal

Safety & response

Operate & improve

Connect live context to the place where work happens.

Facilities & infrastructure

Asset visibility

Decision support

The same credible 3D foundation can move from presentation to simulation to operational use.

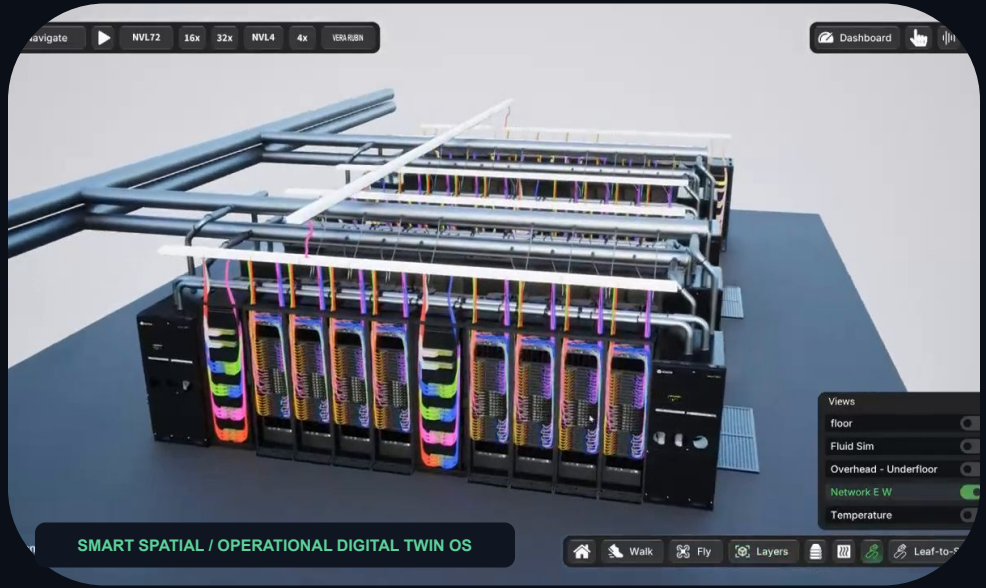
STRATEGIC PLATFORM PARTNER

A strategic platform partnership for operational digital twins.

BRICKSOL × smartspatial™

Bricksol combines spatial product design and delivery with Smart Spatial's Operational Digital Twin OS—helping teams explain systems, test scenarios, train users, and connect live operations.

GO TO MARKET	Make complex systems tangible
SIMULATION	Test scenarios before committing
OPERATIONS	Connect live context and workflows
TRAINING	Practice inside lifelike environments



DATA CENTERS FACILITIES INFRASTRUCTURE BUILT ENVIRONMENT

PLATFORM MARKET PROOF

Market proof behind the platform.

Selected Smart Spatial customers and published success stories across infrastructure, compute, cooling, and data centers.

SCHNEIDER ELECTRIC
Digital infrastructure

HPE
AI infrastructure

MICRON
Memory & storage

ZUTACORE
AI cooling infrastructure

PNY
AI compute infrastructure

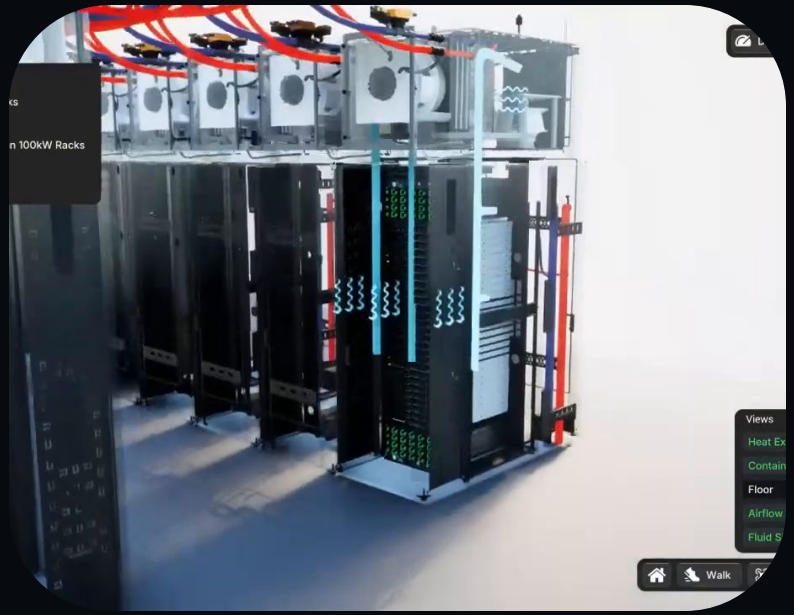
DDC SOLUTIONS
Data center cooling

KEVLINX
Data centers

SMART SPATIAL CUSTOMER PROOF · NOT PRESENTED AS BRICKSOL CLIENTS

A digital twin becomes useful when it closes the loop.

1. **Connect** — BIM, GIS, IoT, sensors, documents, and enterprise systems
2. **Visualize** — One navigable spatial view with layers, dashboards, and context
3. **Simulate** — What-if scenarios, procedures, and operating conditions
4. **Decide** — Plans, alerts, priorities, and coordinated action
5. **Improve** — Analytics, optimization, and continuous model updates



More than a 3D model: a shared spatial system built around how teams inspect, plan, learn, and act.

A browser-based sales experience for Alawaly’s portfolio.

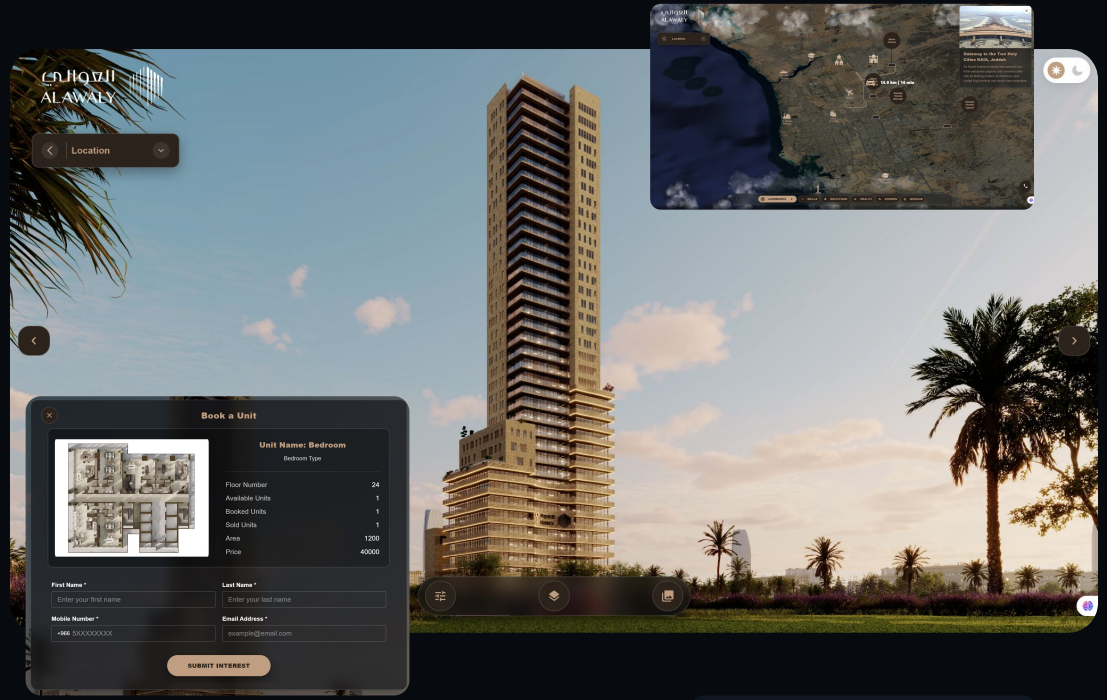
CUSTOMER / ALAWALY REAL ESTATE

SOLUTION

Archviz Config

Bricksol turned Alawaly’s project portfolio into a browser-based, photoreal experience that makes location, scale, architecture, and context easier to understand.

- **Portfolio navigation** — Explore projects across Saudi Arabia from one spatial interface.
- **Photoreal context** — Understand architecture, surroundings, and scale before construction.
- **Sales clarity** — Turn complex property information into a more intuitive buyer journey.



LIVE EXPERIENCE alawaly-project.vercel.app • CUSTOMER alawaly.sa/en

BRICKSOL / ARCHVIZ CONFIG

ACTIVE LANDMARK COLLABORATION

Supporting the Hills workstream inside the world’s largest urban park.



REFERENCE VISUALIZATION / OVERLOOK HILL / GERBER ARCHITEKTEN

Impact One

BRICKSOL + IMPACT ONE

King Salman Park Hills

STATUS / ACTIVE

17.2+ KM²

PLANNED PARK AREA

WORLD’S LARGEST URBAN PARK

Bricksol is supporting Impact One on the Hills workstream within King Salman Park—an active collaboration in Riyadh.

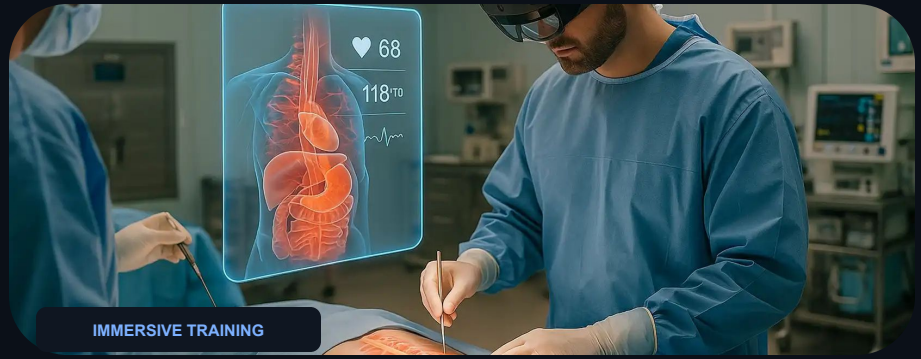
Practice high-consequence decisions without real-world risk.

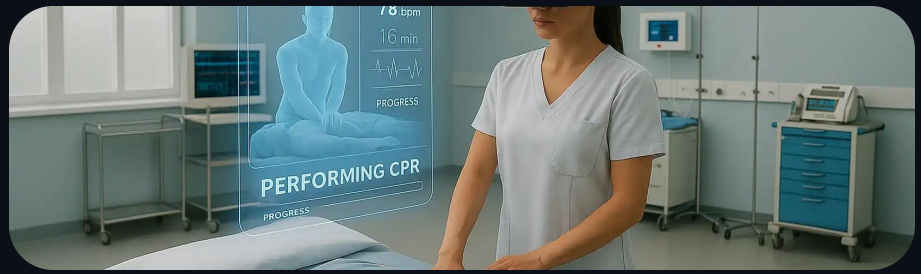
Bricksol builds interactive environments for training, planning, rehearsal, and performance review—so teams can repeat critical scenarios safely and consistently.

TRAINING — Role-based practice, guided tasks, assessment, and replay

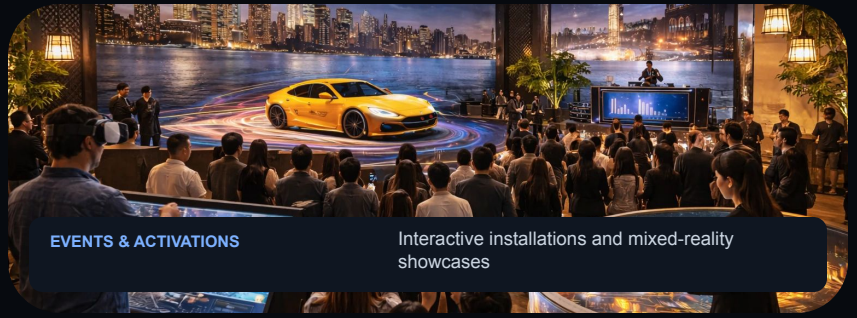
OPERATIONS — Scenario planning, process testing, and coordinated response

SAFETY — Hazard familiarization, emergency response, and procedure rehearsal

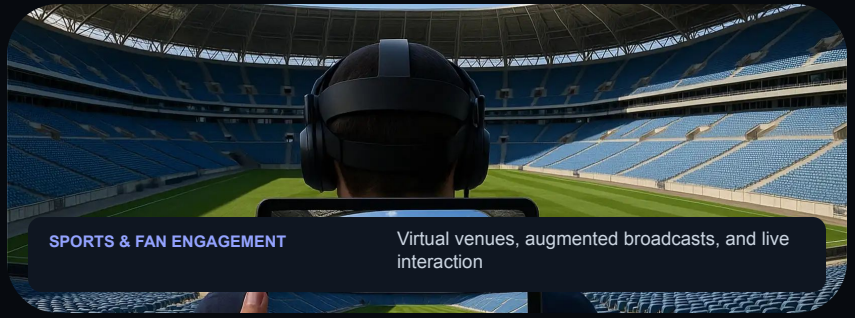




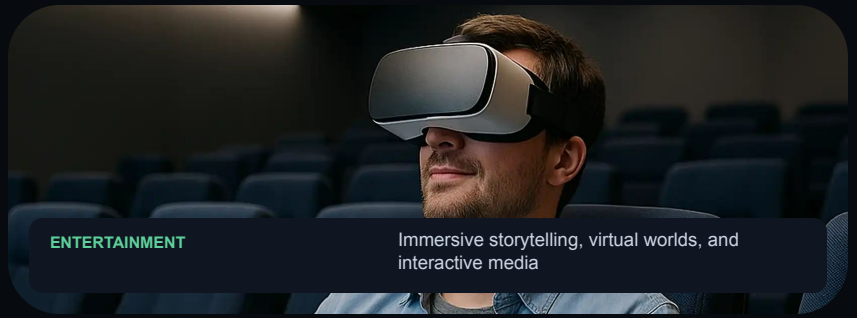
Experiences that turn audiences into participants.



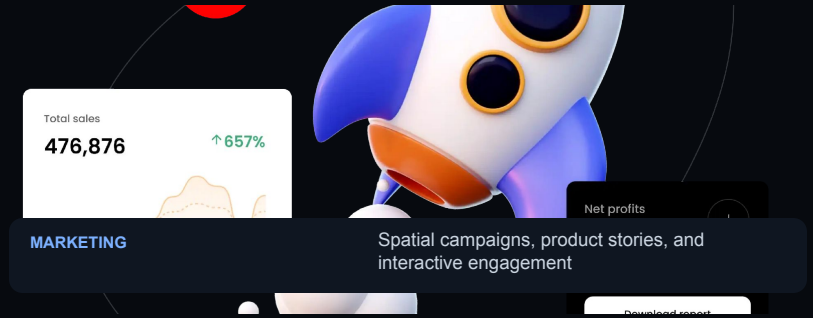
EVENTS & ACTIVATIONS Interactive installations and mixed-reality showcases



SPORTS & FAN ENGAGEMENT Virtual venues, augmented broadcasts, and live interaction



ENTERTAINMENT Immersive storytelling, virtual worlds, and interactive media



MARKETING Spatial campaigns, product stories, and interactive engagement

We focus where spatial understanding changes outcomes.

Built environment & infrastructure

Plan, communicate, sell, and operate complex places.

- **Real estate & development**
- **Cities & infrastructure**
- **Industrial & facilities**

Training & operations

Practice critical work and improve repeatable workflows.

- **Healthcare & clinical training**
- **Government & emergency response**
- **Defense & security**

Audience experiences

Turn audiences, visitors, and buyers into active participants.

- **Sports & events**
- **Media & entertainment**
- **Marketing & customer engagement**

Across sectors, the foundation is the same: credible 3D, meaningful interaction, and information connected to a real decision.

One accountable team from discovery to deployment.

1

Discover

Users, decisions, data, and constraints

2

Design

Experience, architecture, journeys, and content

3

Build

Real-time 3D, interaction, features, and workflows

4

Integrate

BIM, GIS, sensors, APIs, and analytics

5

Deploy & evolve

Validate, launch, support, and improve

Strategy, spatial content, engineering, integration, deployment, and support—carried by one accountable team.

Built once. Reused across the project lifecycle.

01 **Start with the decision**

Define the user, workflow, data, and outcome before choosing technology.

02 **Build a credible spatial foundation**

High-fidelity, optimized content supports presentation, interaction, and reuse.

03 **Connect the useful systems**

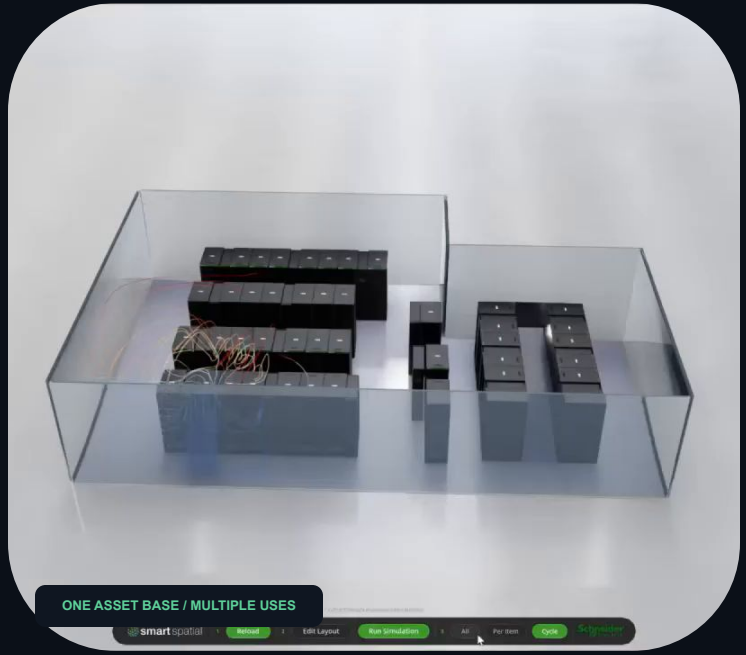
BIM, GIS, IoT, APIs, analytics, and narrative share one spatial context.

04 **Deploy across the right channels**

Web, desktop, immersive displays, and XR can share the same asset base.

05 **Evolve with the project**

A focused experience can grow into simulation, training, and operational use.



ENGAGEMENT MODEL

Start focused. Scale when value is proven.

01

Experience sprint

A focused interactive experience that makes an idea, place, or product tangible.

02

Product build

A validated use case becomes a deployed system with the right workflows, content, and integrations.

03

Platform evolution

Extend the spatial foundation with data, simulation, training, and long-term modules.

TANGIBLE USEFUL CONNECTED EVOLVING

BRICKSOL

YOUR NEXT PROJECT

Build the digital layer for your next project.

Operational twins · simulations · interactive sales · immersive experiences

STRATEGIC PARTNER / SMART SPATIAL

www.bricksol.net

info@bricksol.net

+92 301 11 11 226

Lahore, Pakistan

ABDUL BASIT / FOUNDER & CEO

