

# G+43 Mixed-Use Development in Abu Dhabi, UAE



CP-02

INFRASTRUCTURE

# Digitizing Workflows for a G+43 Mixed-Use Development

|                     |                                               |
|---------------------|-----------------------------------------------|
| <b>Project Name</b> | CP-02 (G+43 Mixed-Use Development)            |
| <b>Category</b>     | Urban Infrastructure – High-Rise Construction |
| <b>Client Name</b>  | Ali & Sons Holding LLC                        |



## Problem Statement

The CP-02 G+43 Mixed-Use Development project required a centralized system to manage BIM workflows, version control, and stakeholder coordination. Access to large BIM files was inefficient, and correspondences were fragmented across platforms, leading to delays and miscommunication.

Despite having BIM models, the team relied on CAD-based estimation tools, which limited productivity. The use of multiple disconnected software solutions increased costs and complexity. A unified platform was needed to streamline document control, enable cost-effective BIM workflows, and improve cross-functional collaboration.

## Stakeholders Involved

|                                                                                                                    |                                                                                                                      |
|--------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------|
|  Project Management Team        |  Design and Planning Teams        |
|  Contractors and Subcontractors |  Operations and Maintenance Teams |

## Solution

A cloud-based BIM Management platform was deployed to streamline workflows, enable centralized coordination, and ensure smooth project operations while adhering to timelines, budgets, and stakeholder collaboration requirements.

- **Secure Cloud Hosting** – Provided a single source of truth with compliance-ready storage.
- **Document Management** – Organized spaces aligned with standards for efficient retrieval.
- **Issue Management** – Quick resolution and transparent collaboration across teams.
- **Clash Detection & Coordination** – Multi-disciplinary clash tests on federated models.
- **4D Simulation** – Linked schedules to model elements for progress monitoring.
- **5D BIM Integration** – Combined model data with cost estimation for optimized resource allocation.

# Implemented Features

 Document Management

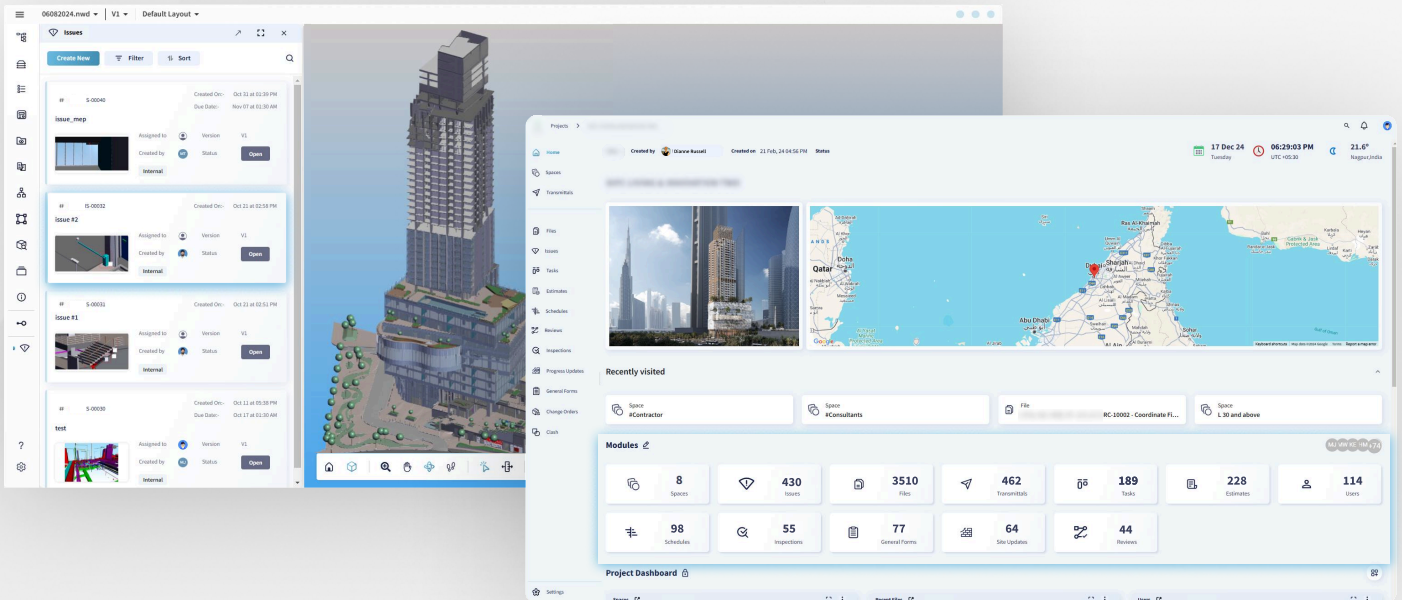
 Model Federation

 Issue Management

 Model Viewing

 Clash Detection

 4D Simulation



400+  
Issues  
resolved

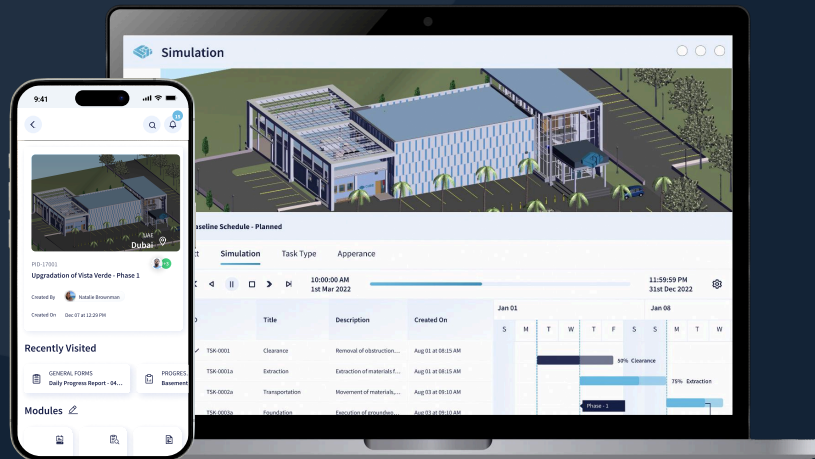
100+  
Users

100%  
Cloud-based  
operations

## Benefits

- Enhanced collaboration and real-time project updates
- Cost savings by minimizing redundant software. with automated workflows
- Improved issue resolution and multi-disciplinary coordination
- Accurate progress tracking through planned vs. actual 4D simulations
- Secure, cloud-based data storage ensuring accessibility and compliance

Ready for a smarter approach?  
Start your CUBE journey today.



BOOK A DEMO