



OPTICVYU FOR ENTIRE CONSTRUCTION PROJECT LIFECYCLE

1. SITE SELECTION

Drone Photography and Aerial Shots:

Capture high-resolution images and videos to assess site conditions and surroundings.

LiDar-Based 3D Models:

Provide precise topographical data for evaluating site suitability.

2. SITE DESIGN AND PLANNING

Drone Photography and 3D Modeling:

Deliver detailed visual and spacial data to inform design decisions.

Scan to BIM:

Convert physical site data into digital models for advanced design planning and coordination

3. LAND PREPARATION AND CONSTRUCTION INITIATION

Time-lapse Cameras:

Document the progression of site clearing and foundational work.

Drone Photography:

Monitor large areas to ensure proper land preparation.

LiDAR-Based 3D Models:

Aid in accurate measurements during initial construction phases.

4. INFRASTRUCTURE DEVELOPMENT

Time-lapse Cameras:

Track the development of infrastructure components.

Progress Monitoring and Reports:

Provide insights into construction milestones.

5. INTERIOR FIT-OUT

360° Interior Monitoring Solution:

Offer comprehensive views of interior progress.

360° Virtual Tour:

Present immersive walkthroughs of interior progress to stakeholders.

6. HANDOVER AND FINAL INSPECTION

4D Time-lapse Using 3D Models:

Present a chronological visualization of the construction process.

Marketing Videos:

Showcase the completed project's Time-lapse videos to stakeholders.

360° Virtual Tours:

Provide virtual walkthroughs of the finished site for final inspections and client presentation.

7. OPERATIONAL PHASE

CCTV Surveillance:

Provide security and ongoing monitoring during building occupancy

8. SITE DECOMMISSIONING

Drone Photography and Aerial Shots:

Document the decommissioning process.

Progress Monitoring and Reports:

Ensure all closure activities are completed as planned.

Scan to BIM:

Update building information models for archival or future use.



Ready to Monitor
your construction
project? Contact us
today!

admin@opticvyu.com

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