



INTEGRATING DRONES IN CONSTRUCTION PROJECTS

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DEFINE PROJECT OBJECTIVES

#1

Understand the project's unique requirements and challenges.



CHOOSE DRONE HARDWARE & ESSENTIAL SENSORS

#2

Consider payload capacity, battery, camera stabilization, etc. while choosing the drone. Also, consider various sensors like GPS for geographical data, thermal sensors, etc.



ENSURE REGULATORY COMPLIANCE

#3

Evaluate local aviation regulations governing drone operations.



DEVELOP FLIGHT PLANS & IMPLEMENT DATA CAPTURE

#4

Use software to develop a detailed flight plan. Don't forget to optimize the flight plan for battery efficiency.

Implement data capture as identified in the project objectives.



CLOUD SOFTWARE INTEGRATION

#5

Use OpticVyu's construction drone solution to view the captured data on the cloud-based dashboard.

OpticVyu's construction drone solution offers various features, such as

1. Orthophotos
2. 3D Points Cloud
3. Waypoint Capturing
4. Geo-tagged data visualization and more



Ready to monitor your
project remotely? Get
a quote today!

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