



# Visual Intelligence

## for construction projects

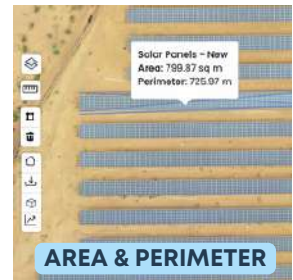
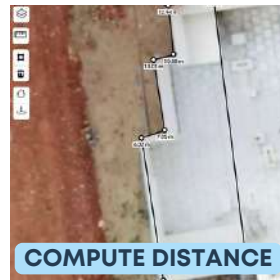
Monitor, measure, and analyse project progress,  
to make insights-driven decisions at every step of the project.

# CONSTRA SURVEY

Leverage drones, photogrammetry, and AI/ML technologies to create precise and meticulous land surveys for Real Estate, Solar, Mining, Roads and other infra projects.

## GET MORE VALUE

- We employ **Drones** and **DGPS** for surveys
- Capture **6+ layers** of data in every flight
- Analyse the visual data and create detailed land survey maps **3X faster**
- Powerful **computational tools** to make precise and complex calculations
- Compared to traditional survey methods, CONSTRA delivers higher **efficiency**, eliminates human error, saves **time** and **money**



## INNOVATIVE APPLICATIONS

### BEFORE THE PROJECT

- 3D models, volume calculations, and streamflow analysis for better planning
- Scout land parcels **4X** faster, make informed buying decisions
- Estimate the resource and time needed better with computational tools

### DURING THE PROJECT

- Ensure **conformance** (plumb, level, setback etc.) at each step of the project
- Calculate the rate of consumption of **stockpile** and quantity left
- **Verify** task completion by contractors before making **payments**



Orthomosaic Imaging



3D Model of Site



Contour Mapping



Stream flow analysis



Elevation & Volume Tools



CAD Overlays

# CONSTRA BUILD

Manage multiple projects, compare site-walkthrough with BIM models, accurately measure progress, manage defects, automate reports, and more - all remotely.

## CONSTRUCTION INNOVATION

Our clients use drones and 360 cameras to periodically capture images and videos of their project.

CONSTRA uses this visual feed, along with BIM models, CAD drawings, and other project plans to help construction leaders make insights-driven decisions.

Some of the key features of CONSTRA include,

- Remotely monitor multiple project sites
- Create site-walkthroughs (Interior & Exterior)
- Derive insights from pictures/videos
- Compare walkthrough with BIM Models
- Compare progress between any two dates
- Dashboards with S-Curves & WBS tracking
- Accurate reporting
- Automated progress reports
- Visual snag management

## GET STARTED QUICKLY

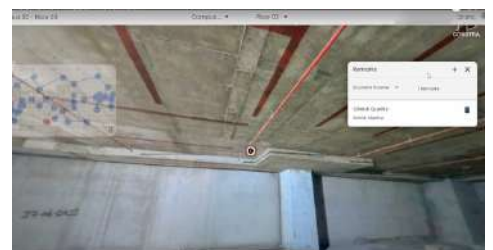
- Web and Mobile friendly application
- Easy to understand and operate (all stakeholders)
- Facilitates collaboration, reduces error and rework
- Attractive subscription plans (pay-as-you-go model)
- Delivers ROI within a few weeks



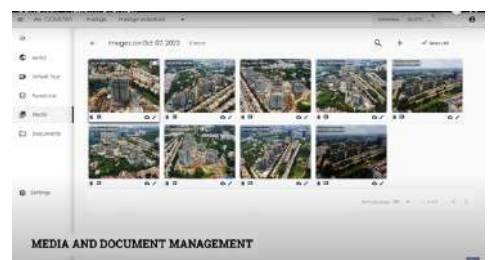
Actual v/s BIM



Progress Monitoring



Visual Snag Management



Visual Logs for Audit/Lookback



Clients of CONSTRA have reduced their site visits by up to **80%** and are conducting more than **60%** of their progress and quality checks remotely.

Thanks to the precise data analysis and reduced reworks, they are saving up to **20%** on their overall project cost.

## A few clients of CONSTRA



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## Scan



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