**CONSTRA**

# Visual Intelligence
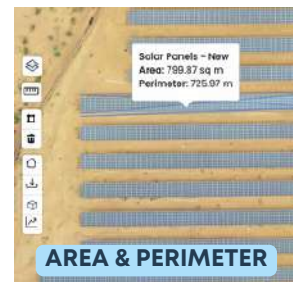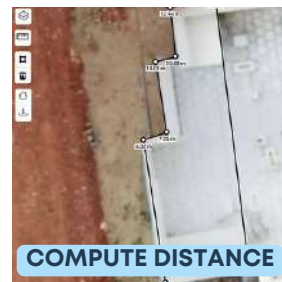## for construction projects

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**


COMPUTE DISTANCE


AREA & PERIMETER


VOLUME & CUT-FILL


ELEVATION PROFILE

## INNOVATIVE APPLICATIONS

- 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


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
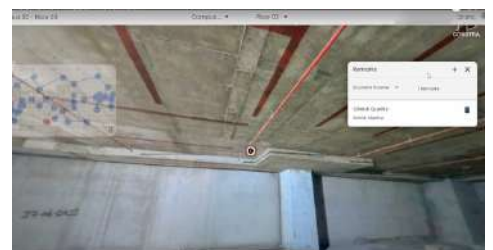- Visual snag management

## 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)
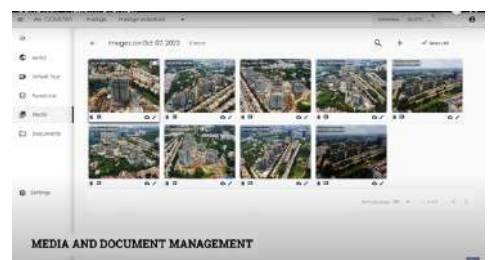- Delivers ROI within a few weeks


**Actual v/s BIM**


**Progress Monitoring**


**Visual Snag Management**


**Visual Logs for Audit/Lookback**

# CONSTRA

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

Microsoft

JLL

gleeds

PLANEDGE
Plan I Manage I Build I Sell

Godrej | PROPERTIES

TATA REALTY

Hines

WELSPUN GROUP
Leading Tomorrow Together

EMBASSY

BRIGADE

LODHA
BUILDING A BETTER LIFE

Prestige
GROUP

Coca-Cola

all cargo
Ingenuity In Motion

RMZ
CORP
FUTURE OF SPACE

ICICI Bank

## Contact Us

+91 6363203500 (India)
+971 526026377 (UAE)
info@constra.world
www.constra.world

## Scan

Scan this QR code to watch CONSTRA demo, and related video resources.