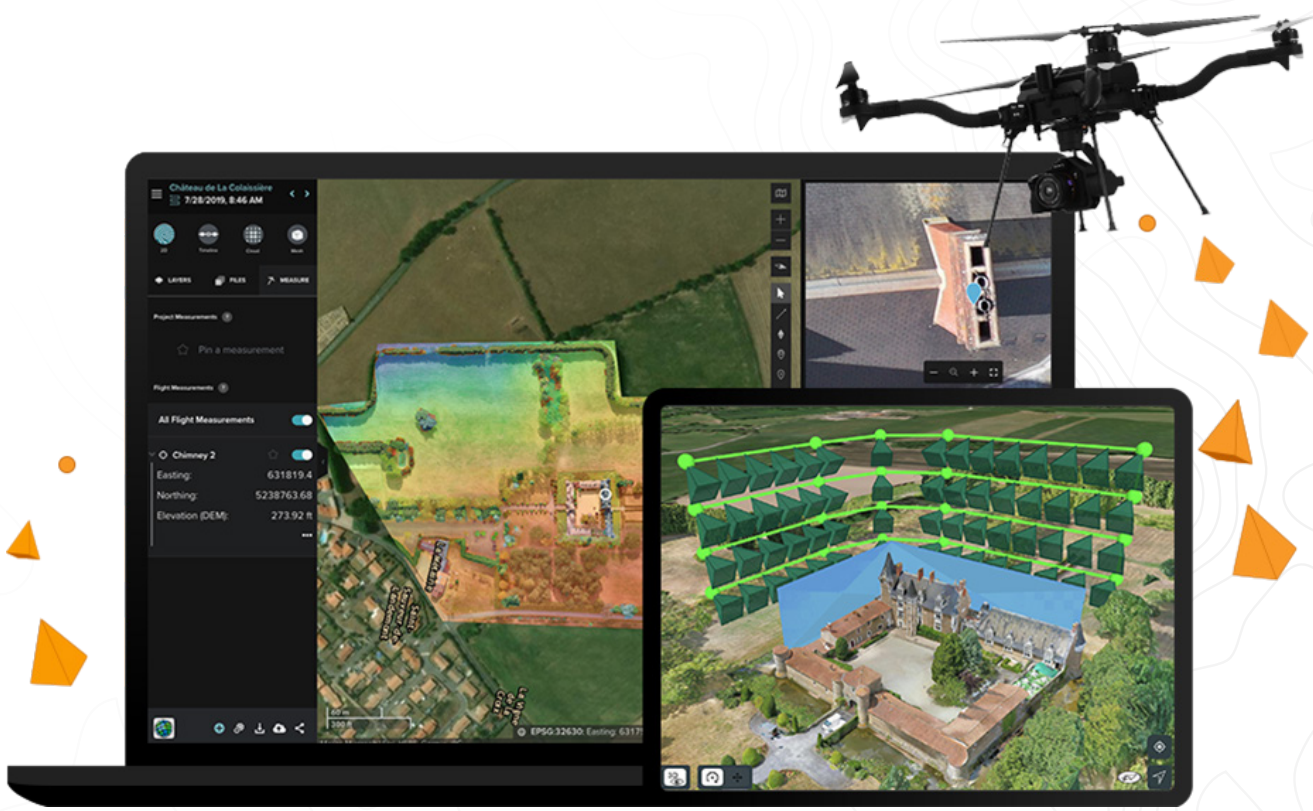
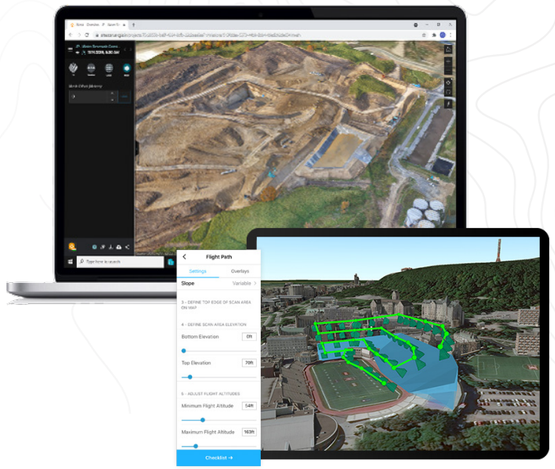
esri India

# DRONE MAPPING, SIMPLIFIED!



# Site Scan for ArcGIS

Site Scan for ArcGIS is the end-to-end cloud-based drone mapping software designed to revolutionize imagery collection, fleet management, processing, and analysis. With a unified flight planning capability, you can easily plan and execute autonomous drone mapping missions and maintain a complete picture of your drone inventory and flight history with automatic fleet management. The drone imagery can be quickly and securely processed to create high-quality 2D and 3D imagery products on a scalable cloud environment fully-hosted in India as per government of India regulations. You can generate impactful reports, perform measurement and analysis on the cloud . You can publish these information products as services to your ArcGIS Enterprise organization to perform advanced drone analytics such as object detection and application of artificial intelligence (AI).



# Realize value from your drone investment

### Reduce Capture Time

Advanced automated flight modes. 3D flight planning and terrain follow capability. Repeatable flight plans for high-quality data capture.

### Produce High Accuracy Data

Generate high accuracy 2D and 3D data products. Leverage Ground Control Points, Checkpoints and high-accuracy GPS (RTK) to consistently and confidently produce the highest quality imagery data.

### Improve Productivity

Automated workflows for drone mapping. Easy-to-use with little to no training required. Process at scale with fully India-hosted cloud with minimal human intervention and eliminate any disruptions during processing.

### Gain Smarter Insights & Analysis

Automatically track drone fleets, generate inspection reports with annotated photos, or access historical 3D volume reports.

### Reduce Operational Costs

Reduce costs by leveraging unlimited processing and storage in the India cloud. Scale drone processing and flight planning without additional investments in processing and storage.

### Collaborate More Effectively

Perform measurement and analysis on the cloud. Provide project insights through secure, access controlled, advanced data sharing capabilities on the web or publish directly to ArcGIS Enterprise.

# How It Works

STEP 1

### Plan

Plan the optimal flight path. For enhanced safety and planning accuracy, import layers and 3D models from previous flights.

STEP 2

### Execute Autonomous Flight

Complete your pre-flight checklist and execute an autonomous drone flight.

STEP 3

### Upload and Process in the India Cloud

After the flight is complete, upload your data for processing in India hosted cloud. Mark ground control points manually or automatically using computer vision.

STEP 4

### Visualize, Analyze & Share

View 2D and 3D outputs on the web. Make measurements, track changes, and perform other analyses. Invite your team to view project data and results.

STEP 5

### Publish Content and Perform Advanced Analysis

Export in formats you need, publish to your ArcGIS organization for advanced analysis such as deep learning workflows, or push to Autodesk BIM 360.

## Contact us to get started: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