Site Scan for ArcGIS®

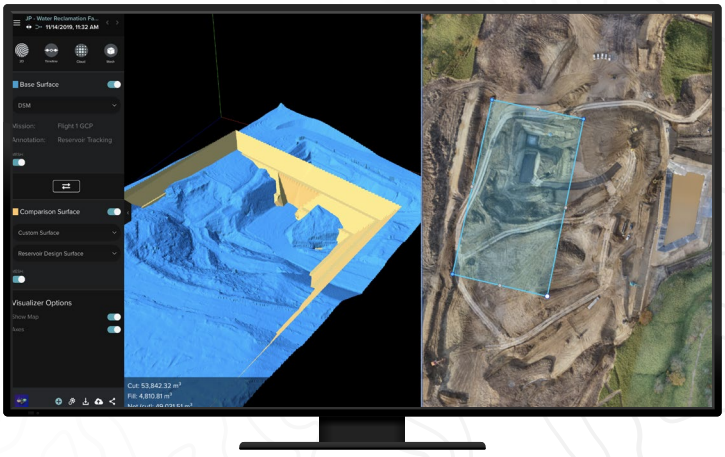
Elevate Your Drone Imagery

What Is Site Scan for ArcGIS?

Site Scan for ArcGIS® is the end-to-end cloud-based drone mapping software designed to revolutionize imagery data collection, processing, and analysis. Maintain a complete picture of your drone inventory and flight history with automatic fleet management. Stay up-to-date with accurate imagery, using repeatable flight plans that ensure high-quality data capture when you are flying your drones. Securely process imagery in a scalable cloud environment to create high-quality 2D and 3D imagery products that can be quickly shared throughout your organization, on any device. Save time by using the measurement and analysis tools to get the answers you need from your data. Directly publish your drone data to your ArcGIS organization to perform advanced drone analytics such as object detection and application of artificial intelligence (AI).

How It Works

- *Plan the optimal flight path.*
- *Execute an autonomous flight.*
- *Upload and process the data in the cloud.*
- *Visualize, analyze, and share your outputs.*
- *Publish content and perform advanced analysis such as deep learning and object detection.*



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What Are the Capabilities of Site Scan for ArcGIS?

- **Plan drone flights in 3D**—Increase efficiency by creating and sharing advanced 3D flight plans with your pilots. Overlay 2D and 3D data from ArcGIS Online and ArcGIS Enterprise for enhanced flight safety and data quality. Manage your data in the field and upload it to the cloud.

- **Process in the cloud**—Unlimited amounts of drone flight data are processed into 2D and 3D outputs through a scalable cloud environment. High accuracy is ensured through automatic ground control point detection. Easily visualize and analyze results directly in a web browser.

- **Drone analytics**—Perform drone analytics by measuring distances, surface areas, and volumetrics; conducting temporal analysis; generating cut/fill maps; and measuring change over time. Perform quality control by comparing your drone data to design overlays—including those in your Autodesk cloud environment—or compare it to drone data captured earlier in the project.

- **Quickly share data**—Share information with your stakeholders in formats they understand, whether in a 3D view, as a report, or as a map within ArcGIS Online or ArcGIS Enterprise; invite read-only users to analyze data in Site Scan Manager for ArcGIS; share content and report issues within Autodesk BIM 360; or export data in common file formats.

- **Enterprise fleet management**—Fleet management keeps track of flights, drone hardware, and pilot flight history—all in one place. Drone program managers can create custom preflight checklists for their teams and store responses in the cloud.

- **Advanced analysis in ArcGIS**—With the press of a button, Site Scan aerial photogrammetry data is available throughout the ArcGIS system, on-premises or in the cloud, to perform and automate advanced analytics such as object detection with ArcGIS Image Analyst. Easily integrate your drone imagery with building information modeling (BIM), lidar data, real-time Internet of Things (IoT) data, and more.

FOR MORE INFORMATION

Visit go.esri.com/site-scan-for-arcgis to get more information, connect with the sales team, and ask questions.

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