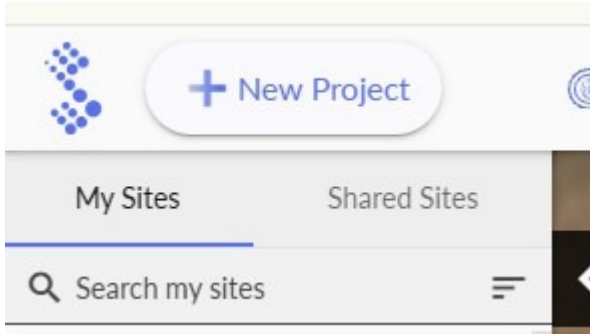


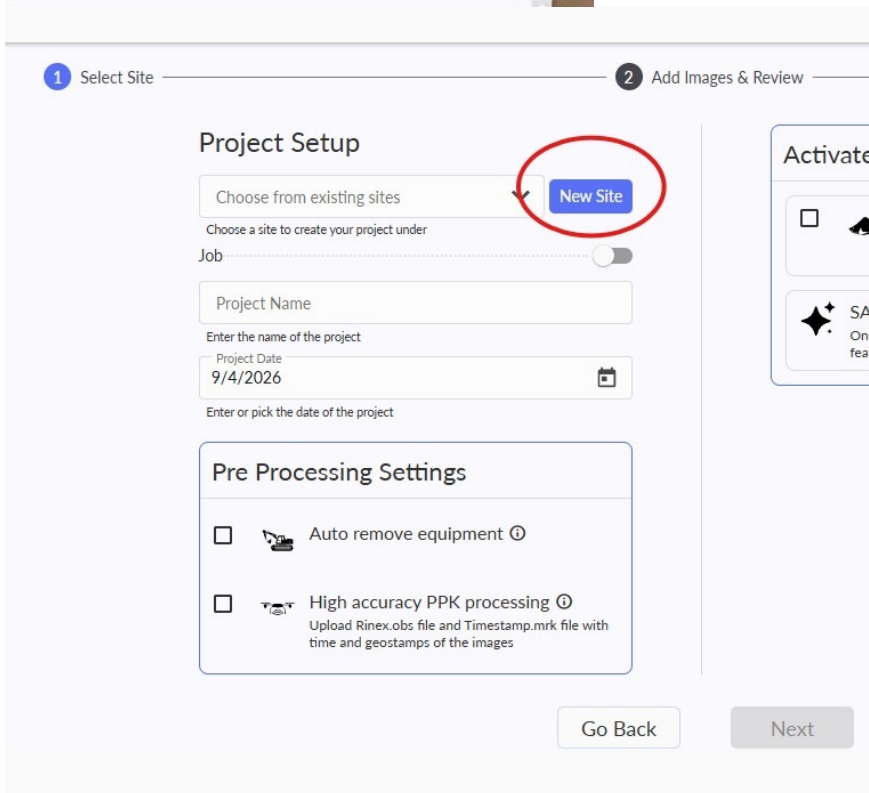
New Data Upload Strayos

New Strayos Uploading Guide

1. If the site you need to upload the project to does not exist yet, click on new site after clicking on “New Project” inside the subdomain.



2.

A screenshot of the 'Project Setup' form in the Strayos interface. The form is divided into two main sections: 'Project Setup' and 'Pre Processing Settings'. In the 'Project Setup' section, there is a dropdown menu labeled 'Choose from existing sites' with a 'New Site' button next to it. Below this, there is a 'Job' toggle switch. The 'Project Name' field is empty. The 'Project Date' field is set to '9/4/2026'. In the 'Pre Processing Settings' section, there are two checkboxes: 'Auto remove equipment' and 'High accuracy PPK processing'. The 'High accuracy PPK processing' checkbox is checked. To the right of the form, there is an 'Activate' section with a checkbox and a 'SAI One-featu' button. At the bottom of the form, there are 'Go Back' and 'Next' buttons.

3.

4. To create a site, enter the name and location. Pick the closest matching site type. In this example we have an asphalt site, but cement is the closest matching type due to the similarity in size. Missing categories may be added in the future.

Create New Site

Site name
Anna Asphalt
Enter the name of the new site

Site location
Anna, TX
Enter the location of the site

Site Type

Quarry / Aggregates Mining Construction

Heavy Civil Utilities Renewable Energy

Pipeline Cement

Enter the location of your site

Enter Lat & Long Value Upload Single Drone Image

Latitude Longitude 

Enter the latitude of the site Enter the longitude of the site

 Output Model Geoid ⓘ ☐

Go Back Next

5.

6. To determine the location of the site, choose “Upload Single Drone Image”, then drag and drop an image from the capture into the upload field.

Create New Site

Site name
Anna Asphalt
Enter the name of the new site

Site location
Anna, TX
Enter the location of the site

Site Type

Quarry / Aggregates Mining Construction

Heavy Civil Utilities Renewable Energy

Pipeline **Cement**

Enter the location of your site

Enter Lat & Long Value Upload Single Drone Image

Drag and drop a Drone Image file here
or click to browse
Supported files are .jpg, .jpeg
File Selected
DJI_20260731113917_0004_V.JPG

 Output Model Geoid ⓘ ☐

Go Back Next

7.

8. Click on “Next” to get to the Coordinate Reference System (CRS) selection.

Create New Site

Set up your site's coordinate system

Your site's coordinate system is required for uploading and processing your survey data. If you are not sure of the system you can skip this step for now, but you will need to provide the system before uploading data.

 **Published System**
Use A Published System Identified By An EPSG Code

 **Local Grid System**
Use A Calibrated Or Localized System

 **Proj4 String**
Use A Proj 4 String For Your Coordinate System

Coordinate System Type
Search Coordinate Systems

Search Coordinate Systems
2276

Name NAD83 / Texas North Central (ftUS)
Code EPSG:2276

Go Back
 Next

- 9.
10. Usually you will need to select "Search Coordinate Systems" in the dropdown menu. Here EPSG 2276 applies, so it was entered in the search field and then selected.
11. Make sure the elevation units are "US Survey feet"

Create New Site

Set up your site's coordinate system

Your site's coordinate system is required for uploading and processing your survey data. If you are not sure of the system you can skip this step for now, but you will need to provide the system before uploading data.

 **Published System**
Use A Published System Identified By An EPSG Code

 **Local Grid System**
Use A Calibrated Or Localized System

 **Proj4 String**
Use A Proj 4 String For Your Coordinate System

Coordinate System Type
Search Coordinate Systems

Search Coordinate Systems

Name NAD83 / Texas North Central (ftUS)
Code EPSG:2276

Type your region to search coordinate systems

Elevation Units
US Survey Feet (0.30480061 meters)

Go Back
 Next

- 12.
13. After that, the confirmation window will appear. Click "Submit" here, unless the EPSG code does not match what was selected.

14. **Create New Site**

Calibration details

Calibration name: NAD83 / Texas North Central (ftUS)

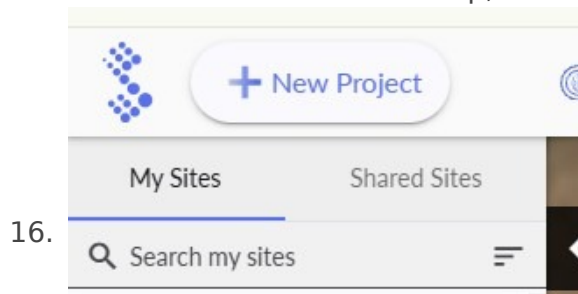
Local system unit: usfeet

Projection type: EPSG:2276

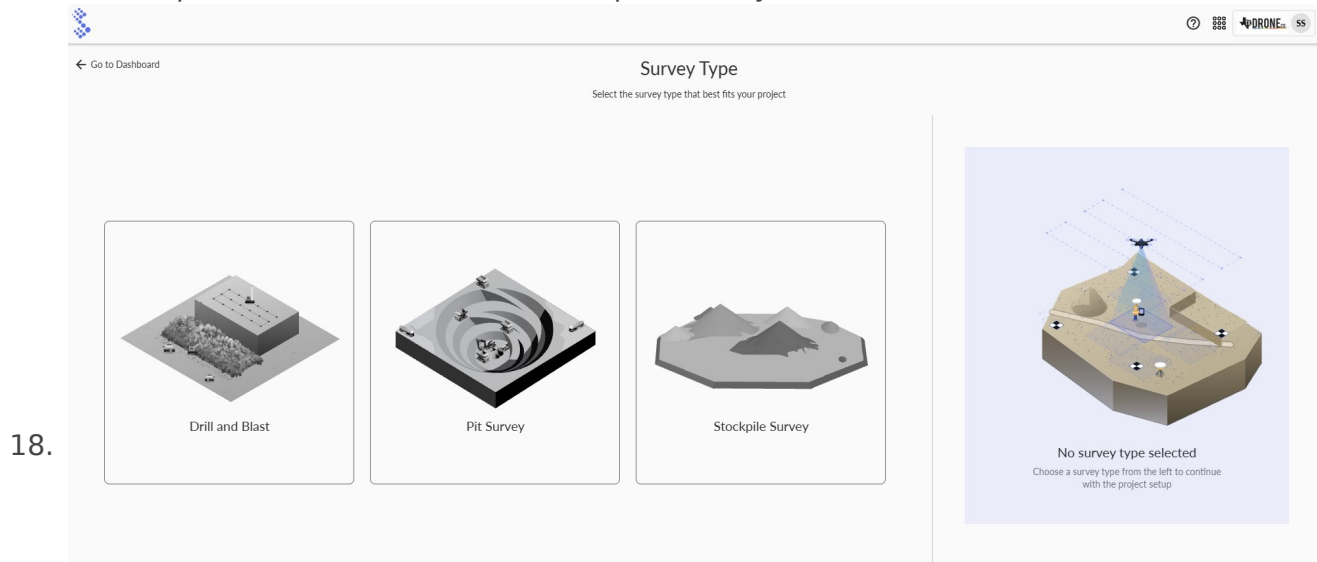
Projection definition: +title=NAD83 / Texas North Central (ftUS) +proj=lcc +ellps=GRS80 +lat_0=31.6666666666667 +lat_1=33.9666666666667 +lat_2=32.1333333333333 +lon_0=-98.5 +towgs84=0,0,0,0,0,0 +units=us-ft +x_0=600000 +y_0=2000000.0001016

Go Back Submit

15. After the site has been set up, click on “New Project” in the Subdomain view.



17. In the upload selection, click on “Stockpile Survey”.

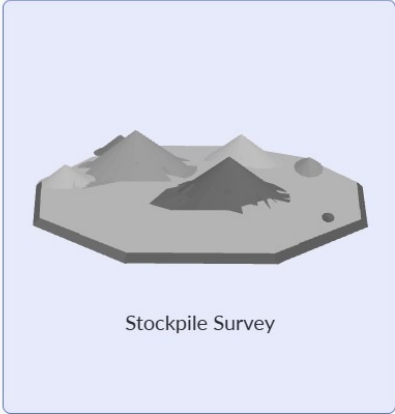


19. After that, click on the tag that applies. “Production Inventory” should be sufficient for all of our uploads.

20.

Survey Type

Select the survey type that best fits your project



Stockpile Survey

Stockpile Survey

Select the type(s) that are applicable to your project

Stockyard

Production Inventory

Audit

Stripping

Dump Inventory

Shed/Barn/Dome

Reserves

Barge

Silo

Stope

Landfill - Void, Air Capacity

Next

21. In most circumstances, “JPEG Images” is the correct upload type.

22.

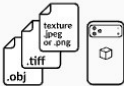
Create a new Project

Please select a project type



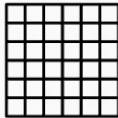
Upload JPEG Images

Upload a set of geotagged JPEGs



Upload Pre-processed Data

Outputs from other photogrammetry software, iPhone Lidar scan or Drone Lidar data



Create Virtual Model

Create a design on a flat 2D space similar to AutoCad

Go Back

23. In the next view, select the correct site from the dropdown menu, and enter the project name. Typically the naming convention is “YYYY_MM_DD - Site Name - Inventory”. The project date should match the capture date. Also enable the Auto remove equipment option and select both equipment and conveyor.

24.

1 Select Site ————— 2 Add Images & Review ————— 3 Upload

Project Setup

Choose from existing sites
Anna Asphalt ▼ New Site

Choose a site to create your project under
Job ⋮

Project Name
2026_07_31 - Test

Enter the name of the project

Project Date
7/31/2026 📅

Enter or pick the date of the project

Pre Processing Settings

☒  Auto remove equipment ⓘ
Equipment Removal Model*
Auto Equipment Removal, Conveyor... ▼

☐ 

- ☒ Auto Equipment Removal
- ☒ Conveyor Removal

Go Back Next

25. In the next view, drag and drop all folders containing the site capture images.

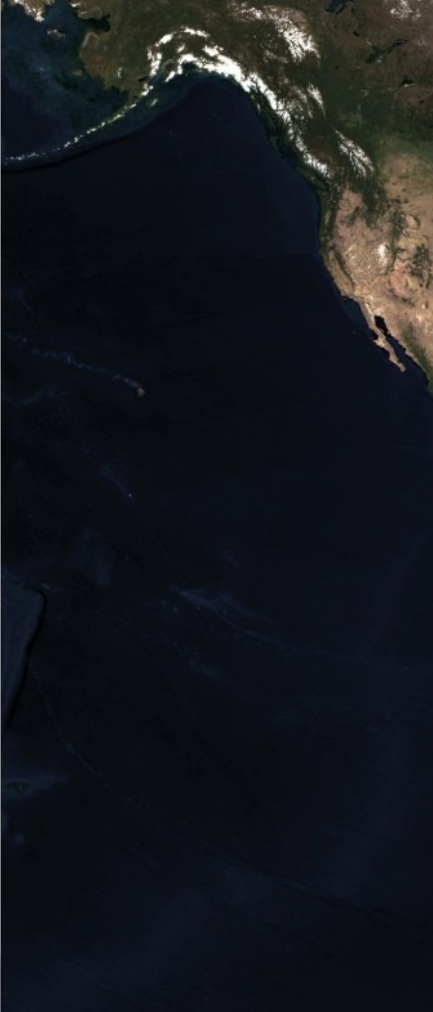


← Go to Dashboard Select Site ✎


Drag and drop your geotagged photos/folder
here or click to browse
Supported files are .jpg, .jpeg

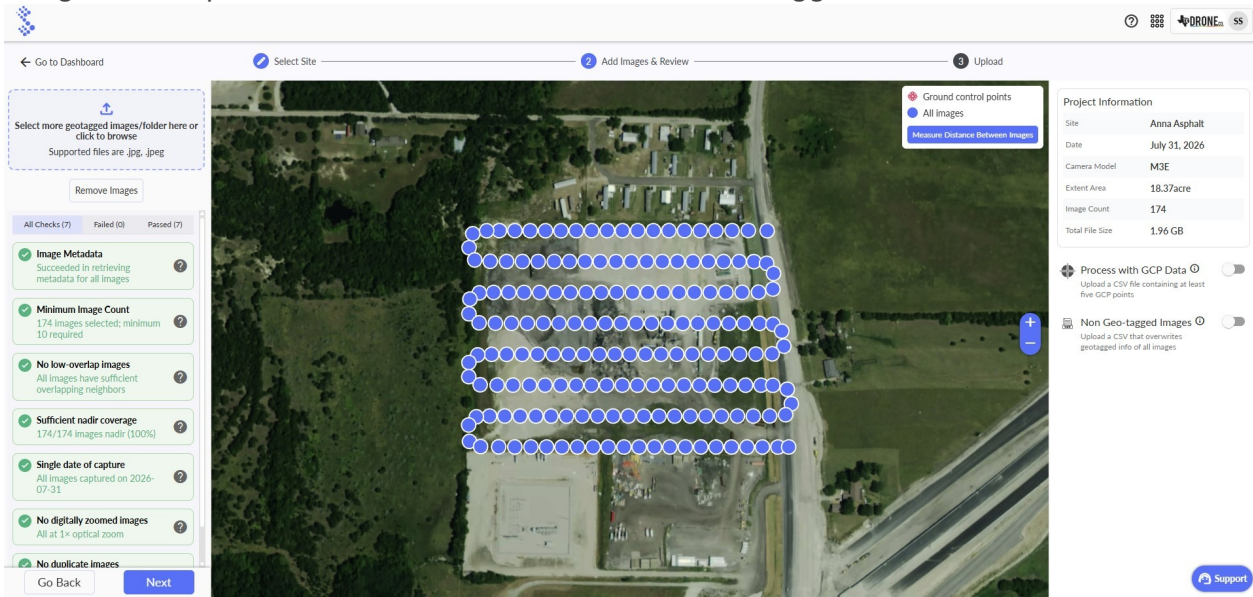

No images uploaded yet. Upload
your geotagged images to see
them here.

Go Back Next



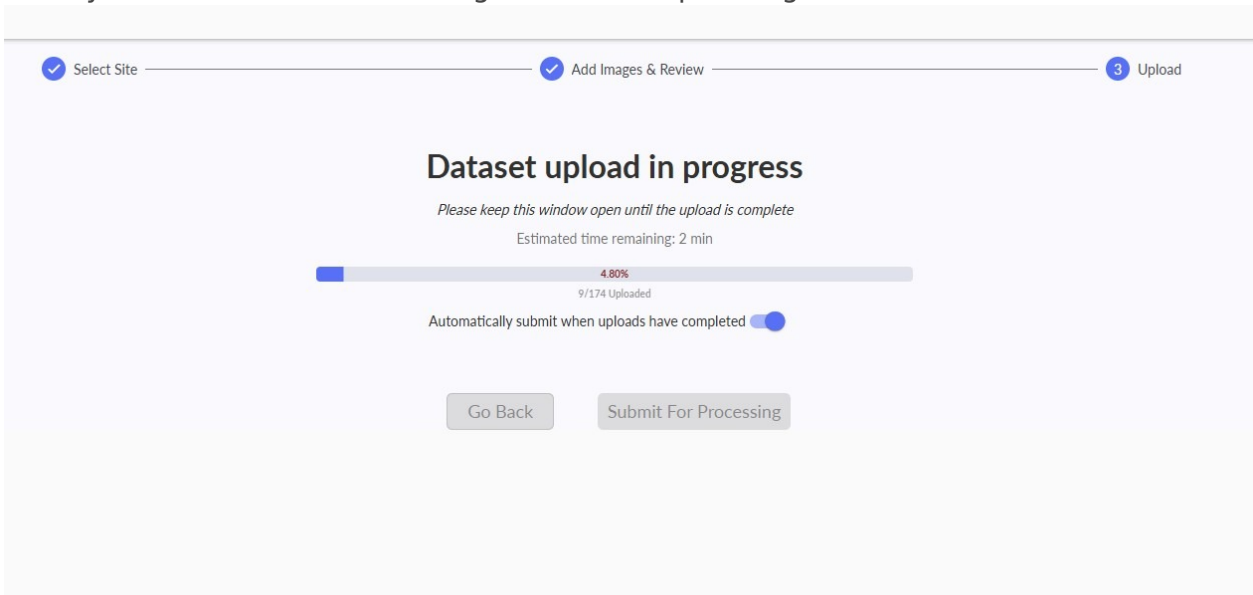
26.

27. Make sure that all item checks are green. If anything is flagged as red, still upload the images and report the issue with a screenshot of the flagged items.



28.

29. Once you click on “Next” the images will start uploading.



30.

31. Once that is complete an estimated processing time will be displayed.



Submitted Successfully

Your processing request has been submitted.
You will be notified when processing is complete and your project is available in the dashboard.

Approximate Processing Time: 1 hour 2 minutes

[Go To Dashboard](#)

32.

Revision #1

Created 2026-09-04 20:36:42 UTC by Sam

Updated 2026-09-04 20:37:28 UTC by Sam