



PicStork

A Platform to automate drone image analytics
with AI and ML to efficiently achieve aerial
intelligence goals.





INTRODUCTION TO PICSTORK

PicStork is a powerful and simple-to-use platform especially for image and video analytics. It helps to automate end-to-end aerial image analytics. Users can bring their data, train detectors, and analyze data on their own. No programming code is required. Default trained machine learning models are readily available to use for the decision-making process.

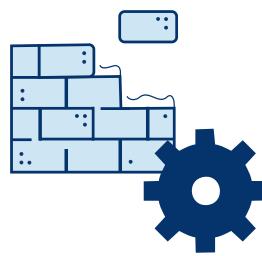


HOW IT WORKS?

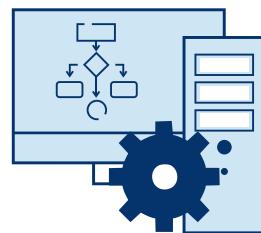
PicStork empowers users to bring in their own data, perform image annotation, train machine learning models, create workflows and perform efficient analytics on the image datasets.



Prepare Image



Build ML Model



Create Analytics
Workflow



Analyse



Collaborate



- **PREPARE IMAGE FOR ANALYSIS**

Tones of data fetched from drones can be analysed easily with PicStork. It enables to prepare dataset with the help of images taken in the previous projects or from local drive to upload and perform annotation.

- **TRAIN YOUR DETECTOR**

A training task can be easily created with PicStork by drawing annotations or importing annotations files in a given format. With optimized algorithms, it makes it easier for users to train their own detector models for faster detection of objects.

- **CREATE YOUR WORKFLOW**

All the trained and pre-trained models are available to perform analytics on image dataset. It enables to easily create flight plan with the help of AeroGCS KEA and select the objects analysis tasks to perform on cloud available images.

- **ANALYZE**

Efficient analytics can be performed on the image dataset with PicStork. The user can easily analyze the data and fetch accurate results.

- **COLLABORATE**

It's fun to view and interact with analysis results on your PicStork Dashboard. All the statistics go into one place with least manual efforts. Download and share results of entire project in various format over email.



WHAT MAKES PICSTORK AMAZING?



DATA CONTROL

PicStork ensures complete control of the data with its owner



IMAGE ANNOTATION

Perform annotation instantly on images



ML MODELS

Make your own ML Models for image detection on PicStork



WORKFLOW CREATION

Define your workflow to detect objects and to begin analytics



INSTANT RESULTS

Get faster results of object detection on drone captured images



SECURITY

Entire data is transferred securely and hassle-free to cloud



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