



PIX4Dmatic



# Next-generation photogrammetry software for fast and accurate terrestrial, corridor and large scale mapping

From thousands of images to 3D spatial data



## Bigger datasets, accurate results

PIX4Dmatic processes thousands of images while maintaining survey-grade accuracy, halving the processing time, without the trouble of splitting and merging.



## Fully automated processing

Developed in close-collaboration with surveyors and mapping professionals to streamline your workflow: import, process and assess the quality of a project in just a few clicks, and move seamlessly from PIX4Dmatic to PIX4Dsurvey.



## Terrestrial workflow

Leverage the benefits of both photogrammetry and LiDAR technology. Process LiDAR and RGB image outputs from PIX4Dcatch for a full terrestrial workflow. Easy and desktop-based.



# Essential outputs, without compromising accuracy

in a fraction of the time

## Point cloud



Generate a dense point cloud, create a depth point cloud or fuse them according to the needs of your project and create the best reconstruction possible.

**Export formats:**  
.las

## Orthomosaic



Create orthomosaics that are geometrically corrected such that the scale is uniform. They are color balanced in order to be visually pleasing.

**Export formats:**  
GeoTIFF (.tiff)

## Digital surface model (DSM)



Generate a digital representation of all objects in the mapped area. It includes natural features as well as elevated objects, like buildings.

**Export formats:**  
GeoTIFF (.tiff)

## Mesh



Create and extract a 3D textured mesh by defining the texture size and decimation criteria.

**Export formats:**  
.obj



available for Windows & macOS

“The navigation and speed of both processing and display are revolutionary for the large projects we are working on.”

**Jason Hagon**  
GeoDrone Survey (UK)

Try for free at [pix4d.com/matic](https://pix4d.com/matic)