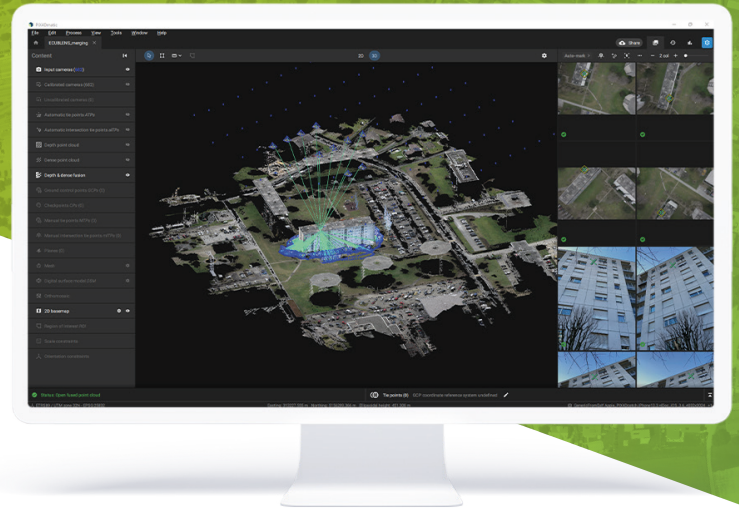# PIX4Dmatic

Next generation photogrammetry software for professional drone and terrestrial mapping

The optimized software for the next surveying and mapping challenges

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 (option to merge with drone data)

Choose between depth or dense point clouds, or fuse the two. Get an accurate 3D model with LiDAR and photogrammetry using the PIX4Dcatch mobile app and an RTK-enabled device (viDoc)

PIX4D

Highlights

Project merging

Complement aerial drone mapping data with terrestrial PIX4Dcatch RTK datasets: calibrate multiple projects separately with optimal processing settings and merge them.

Point cloud editing

Edit and optimize your point clouds for higher-quality meshes, DSMs, and orthomosaics. Disabled points are always stored in the "Disabled points" panel.
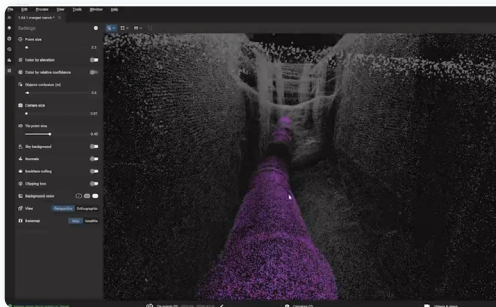
Object Selection Tool

A smart object selection tool for point cloud classification.
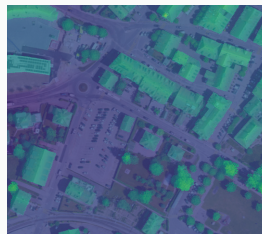
Essential outputs, without compromising accuracy

Point cloud

.laz, .las 1.4, .las 1.2, .XYZ

Orthomosaic
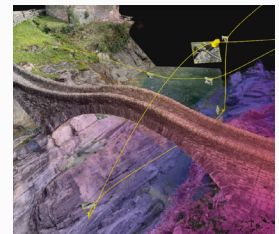
.tiff (GeoTIFF), .jpg with .jgw, .prj, .tfw

Digital surface model (DSM)

.tiff (GeoTIFF), .prj, .tfw

Mesh

.obj, .slpk, .b3dm (tiles)

Videos & Views

Create a Fly-Through video of your 3D model

Try for free at
pix4d.com/matic

available for Windows & macOS