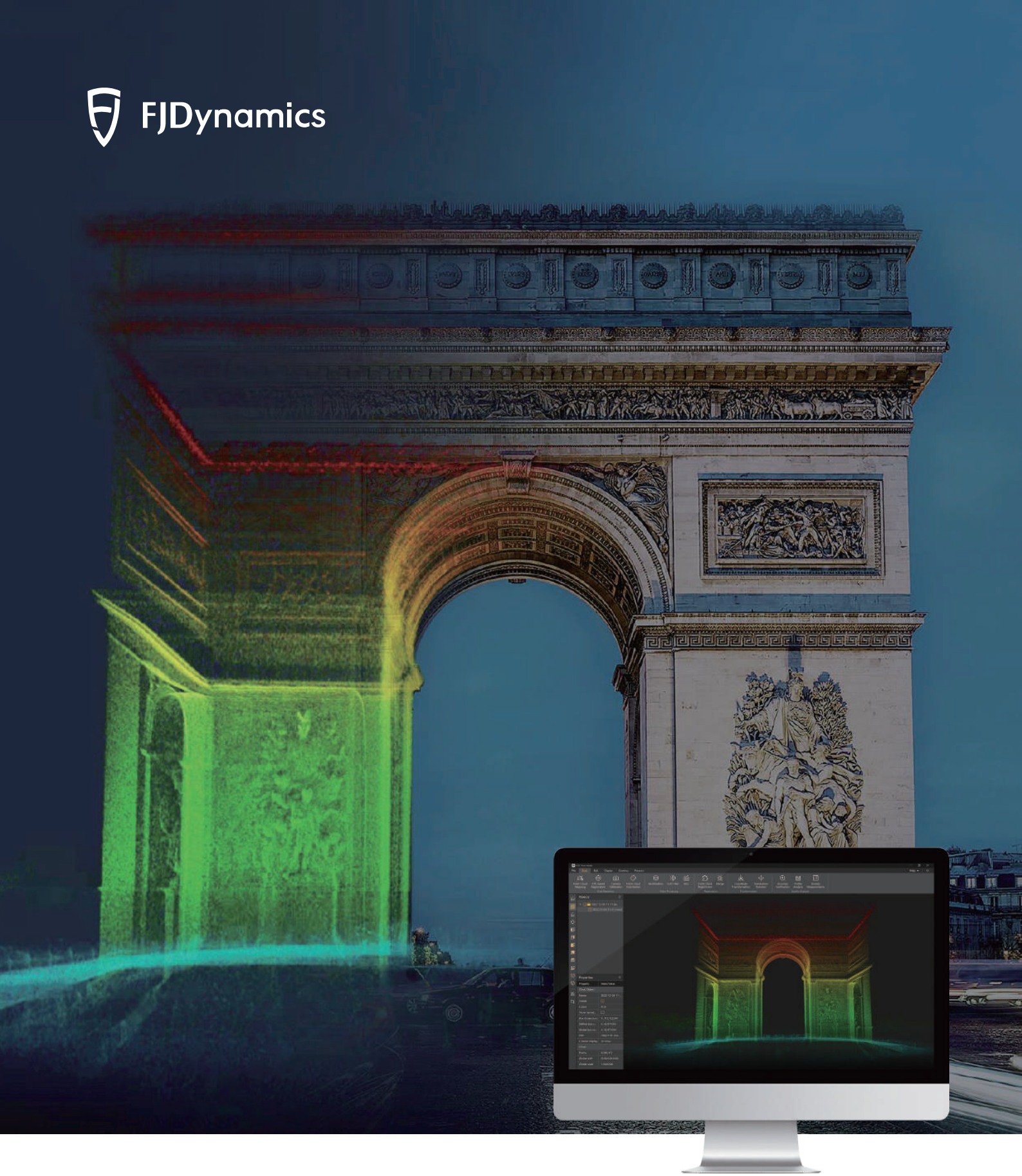
FJDynamics



FJDTrion™ MODEL

POINT CLOUD PROCESSING SOFTWARE

MAKE POINT CLOUD EASY TO USE

Experience easy point cloud data manipulation and analysis with FJD Tion Model, featuring a user-friendly interface and advanced algorithms. The software provides an all-in-one solution with integrated modules for foresty, drawing, robot mapping, and site survey, streamlining the data import and analysis process. Choose FJD Tion Model for versatile, efficient, and high-level integration point cloud processing.

Leading SLAM algorithm

Easy to use

Stable and reliable

Multiple data sources

Diverse industry applications

Automated workflow

WORK FLOW

01

Capture

Use handheld, static,UAV, and car-mounted scanners for efficient data capture.

02

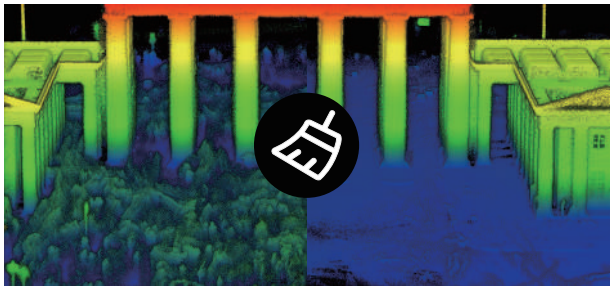
Process

Support las, e57, ply, and pts formats for further processing.

03

Deliver

Deliver reports on volume calculation, forestry research, and floor plans for quick decision-making.



Moving Object Removal

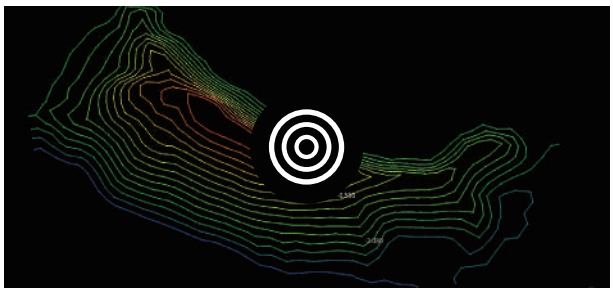
Efficiently delete moving objects like vehicles and pedestrians from point clouds.

Point Cloud and Image Fusion

Display both point cloud data and panoramic images on one screen for an immersive viewing experience.

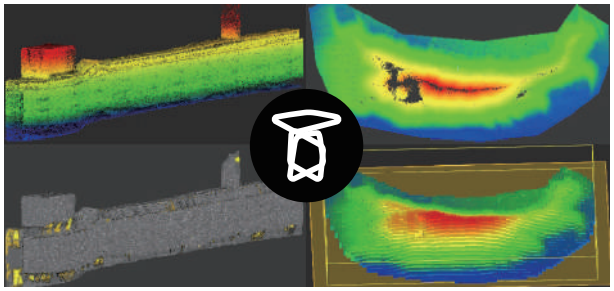
Fly-through Video Creation

Create fly-through videos based on point cloud data scanned in the scene to reflect the reality details.



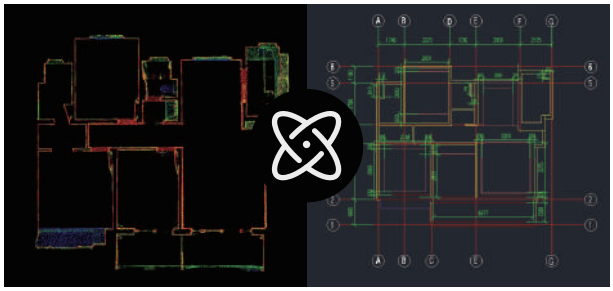
Topographic Drawing

Reflect the topographic elevation by quickly drawing contour lines.



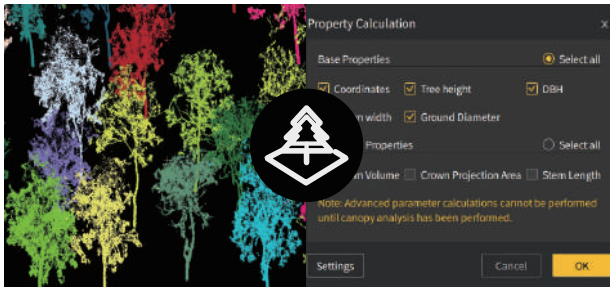
Grids Volume Calculation

Calculate the volume of objects with ease, making stock-taking and auditing much easier.



2D Graphic Drawing

Create 2D drawings by automatically extracting contour lines or manually drawing vector lines.



Forestry Surveying

Generate data such as tree height, crown diameter, DBH, and volume for analysis in forestry surveys.

Public Safety

Draw base maps quickly with symbol libraries and annotations, simplifying on-site fieldwork for traffic, fire safety, and criminal forensics.

PLANS

Features	Basic version	Drawing version	Forest version	Site Survey version	Section Analysis version	Pro version
Point Cloud Mapping	●	●	●	●	●	●
Point Cloud Colorization	●	●	●	●	●	●
RTK Registration	●	●	●	●	●	●
Orthophoto	●	●	●	●	●	●
Moving Object Removal	●	●	●	●	●	●
Rectification	●	●	●	●	●	●
Delete outliers	●	●	●	●	●	●
Point Cloud Registration	●	●	●	●	●	●
Subsample	●	●	●	●	●	●
Merge	●	●	●	●	●	●
Coordinate Transformation	●	●	●	●	●	●
Elevation Fitting	●	●	●	●	●	●
Accuracy Verification	●	●	●	●	●	●
Density Measurement	●	●	●	●	●	●
Profile Analysis	●	●	●	●	●	●
Clip by Path	●	●	●	●	●	●
Classification	●	●	●	●	●	●
TriangularMesh	●	●	●	●	●	●
Contours	●	●	●	●	●	●
Grids Volume	●	●	●	●	●	●
Clipping Box	●	●	●	●	●	●
Queue Processing	●	●	●	●	●	●
Fusion	●	●	●	●	●	●
Linkage	●	●	●	●	●	●
RGB Renderng	●	●	●	●	●	●
Slice Plane		●				●
Drawing Management		●				●
Extract Contours		●				●
Graphic Drawing		●				●
Graphic Editing		●				●
Measurement and Dimensions		●				●
Extract Grounds			●			●
Segment by Tree			●			●
Tree Editing			●			●
Storage Capacity			●			●
Crown Analysis			●			●
Tree Species Indentification			●			●
Report			●			●
Base Map				●		●
Draw				●		●
Marking				●		●
Measure				●		●
Report				●		●
Design Axis Line					●	●
Dseign Section					●	●
Section Generation					●	●
Section Comparison					●	●
Report					●	●

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CREATE FOR A BETTER WORLD

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