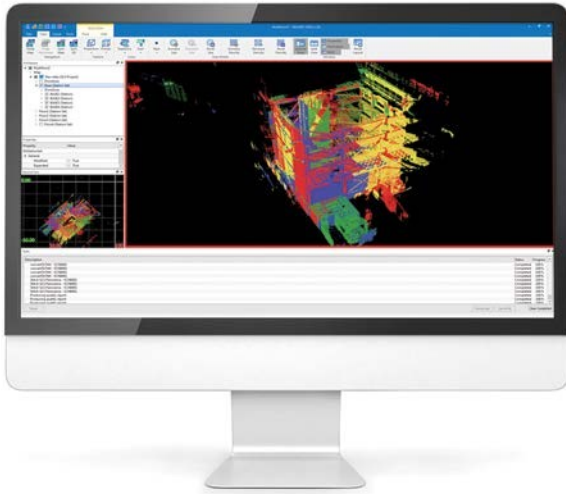# MAGNET COLLAGE
IMMERSIVE POINT CLOUD SOFTWARE

- Mobile and static scan data processed in a single software system
- Combine civil, mapping, BIM, and survey data
- Fast and efficient point cloud processing and rendering
- Extensive projections and geoids support
- Advanced cloud matching and geo-referencing functionality

Bring it all together

MAGNET Collage is a powerful, simple way to combine data. Stay in one software environment to work with both mobile and static scan data.

3D imaging and mass data are seamlessly merged within the processing environment. Pull your mobile mapping, static scanning or point clouds from any source together in one place and easily make the data available to those that need it.

Get more from your data

MAGNET Collage provides a holistic solution to handle and get more value from your data.

The easy-to-use tools in Collage save time and provide for more effective analysis of data from multiple sensors. Collage delivers point cloud processing and mass data handling as much as eight times faster than previously available platforms.

Easily combine scan data sets from multiple applications into one 3D immersive environment.

Free viewer

- Open and view any pre-processed GLS, IP-S, or RD-M dataset
- Open and view background map, shapefiles, KMLs, and orthophotos
- Digitize CAD primitives
- Import CAD primitives

Canvas module

- Fuse data from multiple sensors
- Create and edit model projects
- Register and georeference model projects
- Create and edit point clouds
- Import and export point clouds
- Export CAD primitives from model projects
- Generate orthophotos

Trajectory module

- Required for MMS and RD-M modules
- Estimate vehicle trajectory
- Apply loop closure and GCP corrections

Scan (GLS) module

- Create and edit GLS projects
- Process GLS scans and images
- Register and georeference GLS projects
- Import and export GLS scans and images
- Export CAD primitives from GLS projects

Mobile mapping (IP-S) module

- Create and edit IP-S runs
- Process IP-S scans, panoramas, and clouds
- Export IP-S trajectories, scans, panoramas, and clouds
- Export CAD primitives from IP-S runs

RD-M (SmoothRide) module

- Create and edit RD-M runs
- Process RD-M scans, and clouds
- Export RD-M trajectories, scans, and clouds
- Export CAD primitives from RD-M runs