Topcon Collage Office

Immersive Point Cloud Software
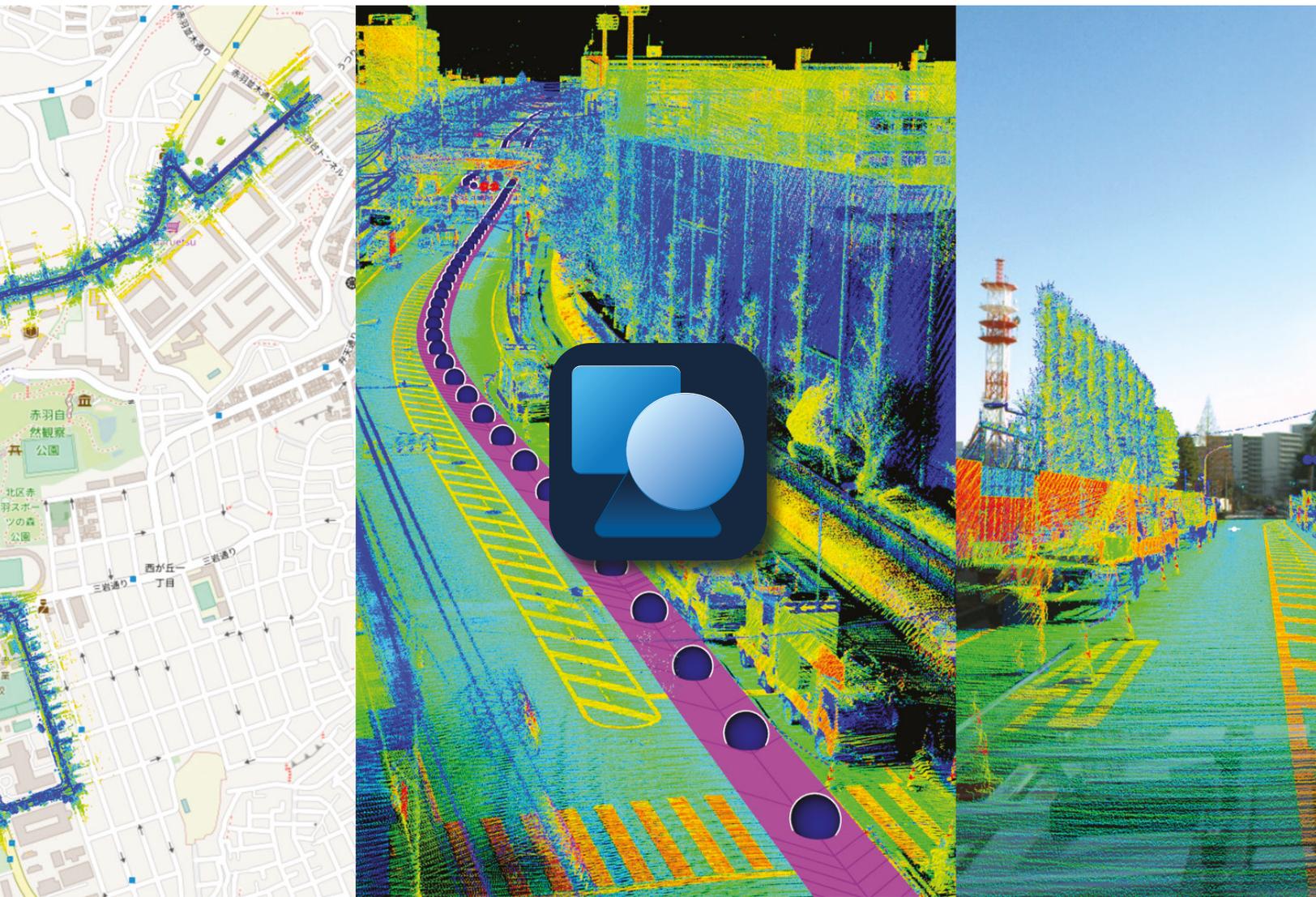

Process, combine and analyze
multi-source data

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Bring it all together

Collage Office

Collage Office 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.

» 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
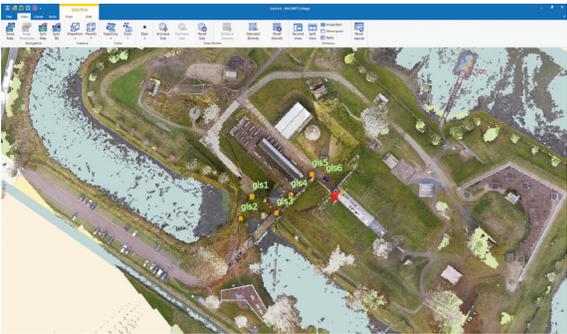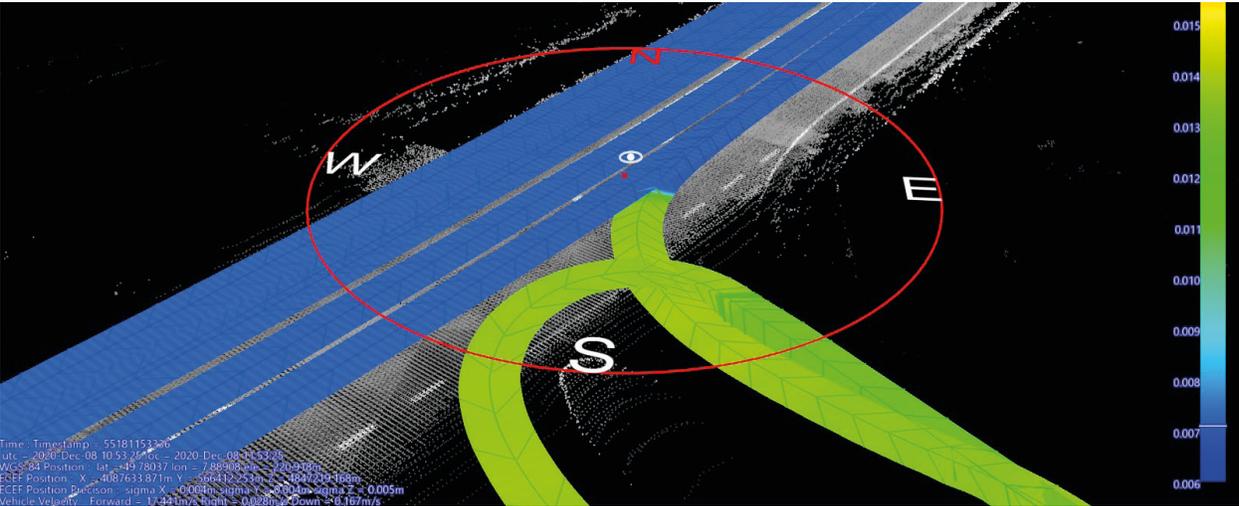
Get more from your data

Collage Office 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 CR-P1, GLS 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 module
- Estimate vehicle trajectory
- Apply loop closure and GCP corrections

Scan module
- Create and edit projects
- Process CR-P1, GTL and GLS scans and images
- Register and georeference CR-P1, GTL and GLS projects
- Import and export scans and images
- Export CAD primitives

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

Learn more at **topconpositioning.com**

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Mass data made easy

Collage offers an "all-in-one" solution for the complete array of Topcon mass data collection tools. All point clouds and images can be processed, combined and analyzed in one familiar, powerful application.
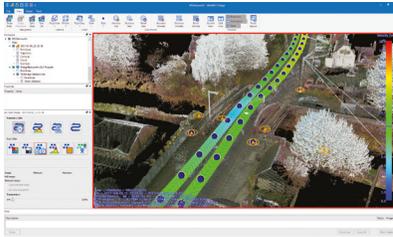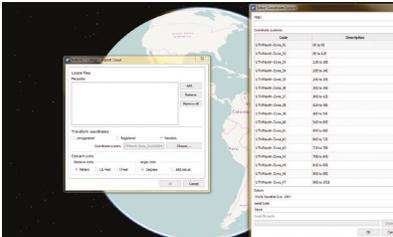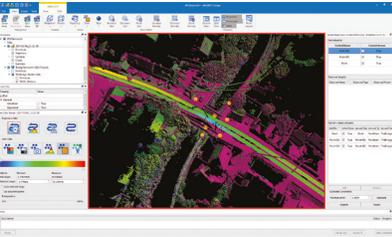
Combine data
- Mobile mapping
- Static scanning
- Surveying control
- As-built documentation

Extensive projections
- Lat/Lon conversions
- State plane coordinates
- International geoids

Advanced matching
- Register in sets
- Multiple level registration for complex multi-floor projects
- Simple geo-referencing support

Part description — What is included per module

Part description	Canvas	Scan	Mobile Mapping	RD-M Scan	Trajectory	Notes
Collage Office Canvas Kit	✓	-	-	-	-	*Basic point cloud processing*
Collage Office Scan Kit	✓	✓	-	-	-	*Laser scan processing*
Collage Office Mobile Kit	✓		✓	-	Required	*IP-S system processing*
Collage Office Scan and Mobile Kit	✓	✓	✓	-	Required	*Scanner and IP-S processing*
Collage Office RD-M1 Kit	✓	-	-	✓	Required	*Road surface scan processing*
Collage Office Trajectory Module	-	-	-	-	✓	*For IP-S systems*

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