

GeoSLAM Desktop

V3

Fast

Simple

Mobile

Reliable

SLAM registration at your fingertips



What is GeoSLAM Desktop?

GeoSLAM Desktop is the local processing version of our industry-leading Simultaneous Localisation and Mapping (SLAM) registration software. The software is used to automatically register data captured from the GeoSLAM **ZEB-REVO** and **ZEB1** mobile mapping systems to produce fully-aligned 3D point clouds. As SLAM requires no GPS input the software can be used to process mobile mapping data from both indoor and outdoor environments.

GeoSLAM Desktop has the following advantages:

- Value** Unlimited point cloud processing
- Simplicity** Simple 'drag and drop' automatic registration
- Convenience** Local registration, check your survey before you leave site
- Security** No need to upload your data to a 3rd party

What New Features are there in V3?

GeoSLAM Desktop V3 is the latest release from GeoSLAM and includes the following new features:

- Integrated 2D and 3D viewer for point cloud visualisation and review
- Ability to visualise synchronised imagery data captured from **ZEB-CAM**
- User definable output formats enabling easy export to third party software
- User definable parameters for SLAM processing in challenging environments



Contextual visual imagery is viewed alongside the 3D point cloud in GeoSLAM Viewer, part of Desktop V3

Other Options Available

It is also possible to register data using the **GeoSLAM Cloud** processing engine. **GeoSLAM Cloud** has the following benefits:

- No local software installation required
- Quick and easy transfer of data from site to office
- Pay as you go processing with no upfront expenditure