

The right geodata for every industry



Construction & Infrastructure

Precise foundations for every construction phase, from planning through execution to documentation.

- **Infrastructure digitisation.** Roads, railway tracks and utility networks with point densities of up to 10,000 points per square metre.
- **Corridor Mapping.** Systematically detect vegetation and risk trees along power lines.
- **Extraction sites and landfills.** Calculate volumes and stockpile movements to centimetre accuracy.
- **Construction progress.** Orthophoto time series reveal deviations early.



Administration & Government

Up-to-date and consistent datasets for municipalities, cantons and federal authorities.

- **Foundation data for your municipality.** 3D meshes and Gaussian splats as the basis for your 3D WebGIS.
- **Project visualisation.** Show planned buildings in their real-world context, for participation and municipal assemblies.
- **Area-wide capture.** Orthophotos, point clouds, meshes and terrain models from a single flight.
- **Ready for public communication.** Understandable imagery instead of raw data that needs explaining.



Environment & Nature

The data foundation for environmental protection, natural hazards and incident documentation.

- **NIR and CIR orthophotos.** Near-infrared imagery as a basis for precision farming, forest and growing areas, including CIR maps.
- **Simulate natural hazards.** Terrain models and classified point clouds for flood and landslide models.
- **After the event.** Fast, large-area capture after storms, landslides or avalanches.
- **Measure change.** Repeat flights using the same methodology.



Tourism, Marketing & Media

Real places as photorealistic 3D data and as imagery.

- **Photorealistic 3D scenes.** Gaussian splats and textured meshes show the place exactly as it looks.
- **Data for your creative software.** Prepared for a wide range of programs, from Blender and Unreal Engine to VR applications.
- **High-resolution imagery.** Nadir and oblique images, printable up to large format, for brochures, website and media.
- **WebGIS and Cesium.** Preparation for LUUCY, Geoportal.ch and any Cesium-based system.

Everything from one
flight, delivered as

True and CIR orthophotos

Classified point clouds

3D meshes

Gaussian splats

Terrain and surface models

NIR and CIR orthophotos

Thermal imagery

Inspection imagery

CAD, BIM, GIS and 3D, in the format your software needs

Are you planning a project?

Talk to us, for a no-obligation consultation or a direct quote request.

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