

GRAMEGNA & STRAMANDINO

TOPOGRAFIA



3D model generated from a combined drone and laser scanning survey.

About Us

GS Topografia is a technical surveying practice specialising in topographic surveys and the acquisition of geographical and architectural data, with a strong focus on accuracy, reliability and the quality of deliverables.

We combine advanced technologies and integrated surveying methods to support professionals, construction companies, and public and private clients, transforming survey data into clear, practical and ready-to-use technical documentation.

SPECIALIST EXPERTISE	INTEGRATED TECHNOLOGIES	PRACTICAL APPROACH
Topographic surveys, photogrammetry, 3D laser scanning and technical drawings.	GNSS, drones, laser scanners and specialised software within a coordinated workflow.	Accuracy, methodology and attention to detail, from data acquisition to final deliverables.

Topographic Surveying

We carry out topographic and planimetric-altimetric surveys of buildings, infrastructure and land, providing accurate spatial data to support the different stages of design and construction.

From field surveys to technical deliverables: georeferenced plans, profiles and cross-sections, organised for immediate use by designers, contractors and clients.



Orthophoto generated from an integrated drone and GNSS survey.

TOPOGRAPHIC AND ELEVATION SURVEYS

Buildings, sites, roads and land.

SETTING OUT AND INFRASTRUCTURE

Roadworks, linear infrastructure, construction sites and execution-stage checks.

SECTIONS AND PROFILES

Clear elevation drawings for analysis and design.

TECHNICAL DELIVERABLES

Plans, profiles, cross-sections and digital terrain models.

Aerial Photogrammetry



Orthophoto and 3D model generated from an RTK drone survey.

We carry out high-resolution aerial surveys to document buildings, sites and landscapes, producing georeferenced orthophotos, digital models and three-dimensional reconstructions.

Photogrammetric data acquisition provides fast and accurate information for analysis, design and the representation of existing conditions.

HIGH-RESOLUTION ORTHOPHOTOS

Georeferenced imagery for analysis and documentation.

DSM E DTM

Digital models representing terrain morphology and surfaces.

3D MODELS

Accurate spatial reconstructions and metric representations.

LARGE-AREA SURVEYS

Data acquisition across extensive sites and geographical areas.

3D Laser scanning

We survey buildings, complexes and spaces using 3D laser scanning technology, producing high-density point clouds and highly reliable geometric data.

These surveys provide an accurate representation of existing conditions, ideal for technical documentation, restoration projects, design and the management of buildings and infrastructure.



Point cloud generated from a laser scanning survey.

HIGH-DENSITY POINT CLOUDS

Complete and detailed data acquisition.

SURVEY ACCURACY

Reliable data for precision processing.

COMPLEX ENVIRONMENTS

Surveys of buildings, interiors and infrastructure.

DESIGN AND RESTORATION SUPPORT

Technical reference data for analysis and project development.

Data Processing and Deliverables



3D model generated from a drone survey, featuring a proposed swimming pool visualisation.

The acquired data is processed using specialised software and transformed into clear, practical technical deliverables: orthophotos, 3D models, drawings, sections, floor plans, profiles and final documentation.

Our integrated workflow covers every stage, from surveying to final deliverables, ensuring consistency, continuity and file formats compatible with project requirements.

SPARSE POINT CLOUD



DENSE POINT CLOUD



TEXTURED POINT CLOUD



AERIAL ORTHOPHOTO



Surveying Equipment


Trimble X9


DJI Matrice 4E RTK



Nikon 5C


GNSS Trimble R8

We use integrated technologies for topographic surveying, aerial photogrammetry and 3D data acquisition, ensuring accuracy, reliability and results tailored to project requirements.

Our equipment enables us to work on buildings, urban areas, land and infrastructure, from field data acquisition through to final deliverables.

LASER SCANNER

3D data acquisition for building exteriors, interiors and complex environments.

RTK DRONE

Aerial photogrammetry, orthophotos and 3D models.

TOTAL STATION

Precision surveying and setting out.

GNSS RTK

Survey control and georeferencing.

Contact

For enquiries, collaboration opportunities and quotation requests.

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