



## Position: **Geospatial Project Manager**

EUROSENSE is one of the most prominent commercial photogrammetric and remote sensing organizations, founded in 1964. All services offered by EUROSENSE are fully integrated within the company: different types of aerial data acquisitions, processing and interpretation of digital aerial and satellite images, photogrammetric production of large scale and topographic maps, airborne laser scanning (LIDAR), GIS-consultancy, city and landscape planning, inventory of forests and natural resources, digital orthophotography, cartography, hydrography, environmental studies and lots of other activities. EUROSENSE offers accurate and technologically high-grade solutions in all of above listed disciplines. EUROSENSE has operational offices in 10 Western and Central European Countries and employs a staff of about 200 highly specialized members: engineers, geographers, topographers, pilots, etc.

### **Main Tasks**

- You are responsible for the operational project execution aspects of the photogrammetric and mapping projects in all the stages including planning, execution and quality control of the production, particularly:
  - Undertaking the photogrammetric data processing tasks of position and orientation system processing and aerial triangulation. Also occasionally other photogrammetric work such as flight planning validation, orthophoto production and terrain modelling design and control.
  - Designing optimal time and cost-efficient technical solutions, production workflow for each involved project;
  - Developing and documenting internal methods and practices, identifying workflow enhancements, developing automatic tools for enhancing quality and productivity;
  - Preparing detailed production instructions for each related production phase, in accordance with the contracts and technical specifications;
  - Developing software solutions in practical user scenarios, identifying new software functions which allow operators to improve their productivity,
  - Maintaining data, correctly archiving and ensuring quality control;
  - Supporting sales managers in the preparation of the offers with specific photogrammetric and geo-database related advises.
- Special attention must be given to the right understanding of the needs and wishes of the client; ability to turn these requests into concrete production instructions for our photogrammetric and/ or geo-database solutions.
- You will be responsible for the maintenance of process documentation and for the preparation of project reports and metadata;
- You will work with other photogrammetric staff, sales and project managers;
- You will report to the production coordinator of Photogrammetry, LIDAR and RSA (Remote Sensing Activities).

The successful candidate for this position will be expected to work independently on major projects, and to manage multiple tasks.

### **Profile**

- You have at least a Bachelor's degree (Masters preferred) in Geographic Information Systems (GIS), or Geography, or Cartography, or Photogrammetry, or Geo-informatics, or a related discipline (*Landscape architecture, urban planning, geology, etc.*);
- You have experience in mapping and photogrammetry;
- You have knowledge of geo-database creation, conversion and management.

**Technical abilities**

To be effective in this role you should have:

**BASIC requirements:**

- Competencies in current best-practice photogrammetric processing methodologies, knowledge of the imagery collection and processing workflow.
- Particular interest in project engineering such as dGPS/Trajectory calculation, aerial triangulation and direct-image orientation;
- Good skills in processing of digital data, image correlation in relation to its products, such as raster analysis, automatic and semi-automatic data validation and extraction;
- Proficiency with different photogrammetric software environments and data processing (SocetSet, INPHO, Summit Evolution, FME, etc) and ESRI ArcGIS software (and extensions such as Spatial and 3D Analyst)/ ArcGIS Server / SDE/Model builder/ AutoCAD and integration of GIS and CAD);
- Good programming/scripting skills, preferably in FME, Python and C/C++ languages
- You have knowledge of Database Management Systems (DBMS), with Database Design Tools and with Structured Query Language (SQL);
- Excellent communication skills;
- Fluency in written and spoken English.

**OPTIONAL REQUIREMENTS:**

- Management of photogrammetric and mapping projects;
- At least 2 years direct experience, in current best-practice photogrammetric processing methodologies, knowledge of the imagery collection and processing workflow.
- Demonstrable level of competence in Standard Project management methodologies and processes. You should be able to execute the full cycle of project and process management;
- Knowledge of field survey and LiDAR classification and DEM creation;
- Net, Java, HTML programming/ scripting experience

You will be evaluated on the basis of your level of competency (knowledge, skills, and abilities) in the following areas:

- Knowledge of photogrammetric processing methodologies, aerial triangulation & 3D modeling practices
- Knowledge of Geospatial Information System (GIS) concepts, principles, and practices
- Knowledge of engineering systems hardware and software

**Soft Skills**

- You are open-minded, self-motivated and pro-active;
- You want to learn, you like to get involved;
- You are a team player but can work alone if necessary;
- You can deal in a flexible way with unplanned projects/ events;
- You show attention to detail and process;

**We offer**

- An international and high tech work environment.
- A unique opportunity to develop your talents in an exciting and promising company
- An attractive salary and real opportunities for rapid career development

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Do you recognize yourself in this profile? Write us a letter (with c.v. and photo) in which you let us know your wishes concerning job content, company philosophy and salary to:

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For the attention of M. Gielens, Executive Secretary

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