

# Senior Database Manager



**EUROSENSE is one of the most prominent commercial photogrammetric and remote sensing organizations, existing since 1964. All services offered by EUROSENSE are fully integrated within the company: different type 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. In all of these disciplines, EUROSENSE offers highly 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.**

## Your tasks:

- You are in charge to give geo-database support to the photogrammetric and Lidar production of the whole Eurosense Group.
- You are responsible for all geo-database related aspects of the photogrammetric and lidar projects in all the stages including planning, execution and quality control of the production, particularly:
  - Managing technical/technological developments in the design, analysis, development and implementation of GIS databases, of GIS applications and of production systems for data automation and migration to/from database development projects;
  - Modeling GeoDatabase, designing Spatial databases & Enterprise GIS Design and Implementation, developing Dataset Transition;
  - Developing software solutions in practical user scenarios, identifying new software functions that operators need to improve their productivity;
  - Developing and documenting internal GIS methods and practices, identifying workflow enhancements, developing automatic tools for enhancing quality and productivity;
  - Ensuring portability and interoperability of our solutions and products in to different technical environments and platforms Not only should you know how to do GIS Analysis, but you should be able to achieve similar results using other platforms (be it moving from an ESRI solution to IDRISI, or from a Windows machine to a Linux machine, or a desktop application to a server based one);
  - Preparing detailed production instructions for each geo-database related production phase, in accordance with the contracts;
  - Designing optimal time and cost-efficient geo-database solutions, production workflow for each involved project;
  - Managing maintenance contracts for all geo-database management and production related software;
  - Supporting commercial managers in the preparation of the offers with specific geo-database related advises,
  - Planning and follow-up of the geo-database type production;
  - Organising and supervising the outsourced geo-database type production;
  - Mediation of the geo-database production problems between production and responsible commercials;
  - Organising and managing quality control for all geo-database type production.
- Special attention must be given to the right understanding about the needs and wishes of the client and you must be able to turn them into concrete production instructions for our geo-database solutions.
- You should be able to keep continuous follow-up for all running geo-database projects at the same time.
- You will be supported by the responsible persons of every production unit.
- You will report to the production coordinator Photogrammetry, LIDAR and RSA.

## Your profile:

- You have a Bachelor's or Master's degree in Geographic Information Systems (GIS), or Geography, or Cartography, or Surveying, or Geo-informatics, or Computer Science or a related discipline (*Landscape architecture, urban planning, geology, etc.*);
- You have at least 3 years' experience with geo-database creation, conversion and management;
- You have extensive knowledge about mapping, photogrammetry in a particular aspect of GIS such as mapping, 3D, raster, geo-processing, geo-databases, interoperability, network analysis, surveying, geometry and GIS algorithms;
- You have good practical technical/production knowledge;
- You have experience in managing a production team;
- The experience with Flemish GRB, Walloon PICC and Dutch GBKN (or with similar large scale geo-databases) and in 3D modelling is an advantage.

## Technical abilities:

- You have large experience with ESRI software products (ArcGIS and extensions such as Spatial and 3D Analyst)/ ArcGIS Server/SDE/Model builder/AutoCAD and integration of GIS and CAD;
- You have very good experience with SQL Server®, Oracle®, DB2®, or other RDBMSs; general knowledge of computer networking and web design architectures and concepts;
- You have very good programming/scripting skills, preferably in Python and C/C++ languages (Net, Java, HTML is a plus);
- You have good experience with Database Management Systems (DBMS), with Database Design Tools and with Structured Query Language (SQL);
- You are fluent in written and spoken Dutch and English, French or German is a plus.

## Soft Skills:

- You have excellent skills for problem-solving, for solution's design, for development and debugging;
- You have passion for emerging technology;
- You don't see problems, only possible solutions;
- You are a self-motivated and pro-active person ;
- You are flexible in working on unplanned projects/events;
- You show attention to detail and process;
- You are not afraid to explore;
- You are open minded.

## Our offer:

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

## How to apply:

**only by letter or e-mail in English (with CV and photo) to:**

**EUROSENSE BELFOTOP N.V.**  
Nerviërslaan 54, 1780 Wommel, BELGIUM  
For the attention of M. Gielens, Secretary to the Managing Director  
[martine.gielens@eurosense.com](mailto:martine.gielens@eurosense.com)

Selection agencies are asked to abstain.