

Orbital systems  
Transversal competencies

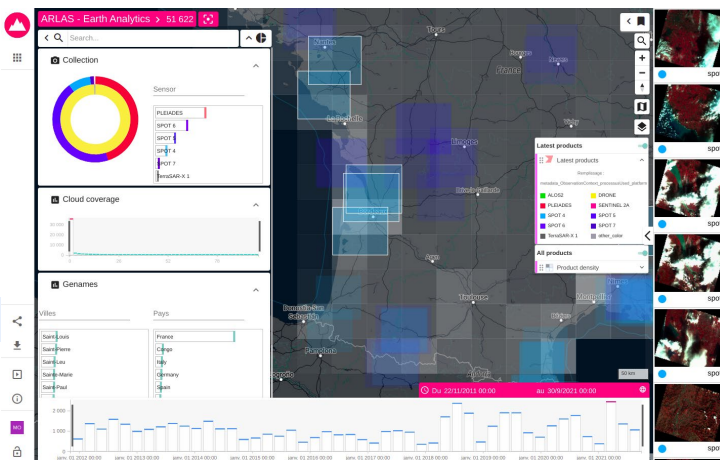


Gisaia is a geospatial intelligence company. It offers geospatial technology solutions and services for massive geodata to support data-driven decision making. This primarily relies on Gisaia's solution, ARLAS®. ARLAS is an open-source framework built upon cutting-edge big-data technologies. It facilitates analytics and exploration of diverse geospatial data.

Gisaia offers innovative geo-analytics solutions to help adopters strengthen their market positions.

## COMPETENCIES & CAPABILITIES

- Geospatial data platform development - ergonomic interfaces, dashboards, widgets and data visualisation
- Big data technologies - platform scalability
- Geo-analytics - data cubes
- Data processing - Spark & dask on Copernicus, Landsat, Pleiade, NetCDF & zarr, AIS tracks
- Data science - Machine learning and algorithms
- Cloud computing - user access and security
- Open source - OGC compliance



Screenshot of ARLAS-EO

# GISAiA

## PRODUCTS & SERVICES

1. **ARLAS-EO**: market ready solution for building scalable, multi-source Earth observation data catalogues.
2. **ARLAS Framework**: An open-source development kit for creating geo-data platforms, applicable for multiple use-cases.
3. **ARLAS Cloud**: A scalable cloud environment fully adapted for geo big data analytics with ARLAS running and maintained by the team that published it.
4. **Gisaia professional consultancy and services**: support, training, software development, geodata processing to make it analytics-ready and general geospatial intelligence services.

## MAJOR SPACE PROJECTS & REFERENCES

- Earth observation products catalogue builder: Multi-collection products catalogues like, Theia catalogue, Dinamis catalogue and others - owned by CNES and IRD, Airbus Defence and Space
- Earth observation data analytics: DominoX project - ESA, CNES, Airbus Defence and Space
- Spatial data pre-visualisation: GRASP

## POINT OF CONTACT

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**SPACE WORK FORCE** 10 employees