

Satellites
 Ground segments
 Transversal competencies

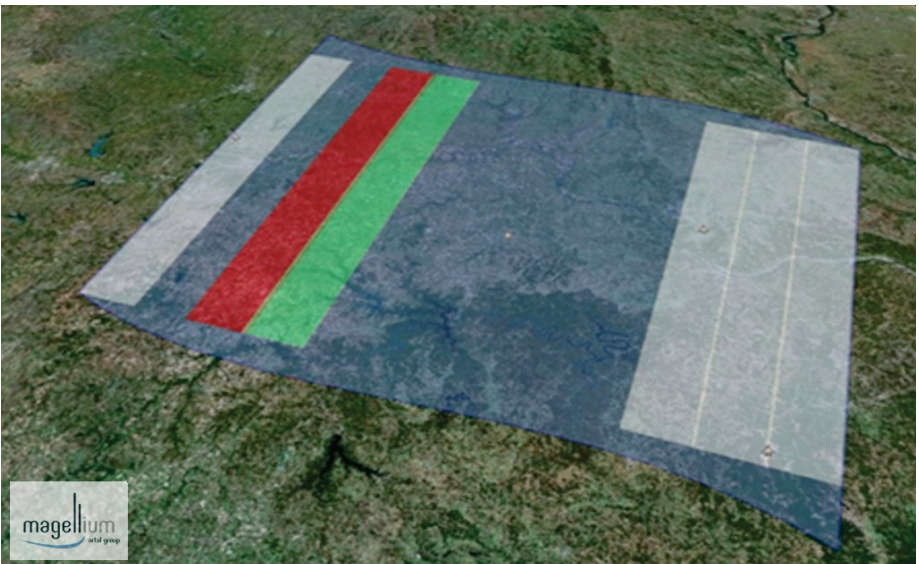


Magellium (Artal Group) is a Small & Medium Company offering solutions and services in Earth Observation all along the chain from sensors to value-added applications and Geographic Information Systems.

COMPETENCIES & CAPABILITIES

Magellium (Artal Group) has got 3 major competencies and capabilities:

- Earth Observation, a 40-staff department with solutions & services in sensor geometry modelling, radiometry calibration, Ground Segments development and thematic applications.
- Space Robotics and computer vision, a 12-engineer team having expertise in vision-based localization & navigation and other video and 3D processing techniques.
- Remote Sensing applications, a department where 20 engineers develop Space Data Infrastructures, data access portals, applications & decision support tools for end users.



COMPANY NAME

PRODUCTS & SERVICES

Magellium's service portfolio goes from expertise, studies and specifications up to turn key developments, maintenance and in-orbit commissioning.

Magellium plays a role of software editor on behalf of CNES, IGN & DGA, and develops its own software solutions. The main products are:

- Euclidium®, a CNES & IGN workshop and set of libraries dedicated to sensor geometry modelling
- EDRES, a CNES solution for Space Robotics
- GEODEF suite (DGA), a set of libraries for geodesic purpose in Defence systems
- MagImageTools, a software toolbox belonging to Magellium and dedicated to satellite imagery processing
- INGRID² : a software platform for data and process capitalization, validation and experimentation, belonging to Magellium
- OrthoAdjust, a software solution for orthoimage and DEM production belonging to Magellium

MAJOR SPACE PROJECTS & REFERENCES

Involvement in the following space missions:

Pléiades HR, Spot6/7, Sentinel-2, Sentinel-3, CSO, Parasol, Merlin, Venus, Taranis, Spot World Heritage, Metop (IASI), Metop-SG (3MI & METImage instruments, IASI-NG), Pléiades Neo, Flex, MicroCarb, Trishna, Euclid.

Exomars: 15 years supporting CNES to develop the Vision Based Navigation which will fly with Exomars.

Rosetta/PHILAE: development & exploitation of a system combining ROLIS & CIVA images for a 3-D reconstruction of the comet and the location of PHILAE.

POINT OF CONTACT

ADDRESS 1 rue Ariane
31520 Ramonville Saint Agne (France)

WEBSITE www.magellium.com

PHONE +33 (0)5 62 24 70 00

POINT-OF-CONTACT : Lapeyre Alain, Senior Business Manager
alain.lapeyre@magellium.fr, +33 (0)6 89 57 05 11

TURNOVER 24 M€ in 2018

WORK FORCE 300 employees

SPACE TURNOVER 7 M€ in 2018

SPACE WORK FORCE 70 employees