

The background of the cover is a dark blue, abstract graphic. It features a faint, pixelated map of the world, with a prominent blue line representing a path or trajectory. A diagonal band of lighter blue and white geometric shapes, including a triangle and a parallelogram, cuts across the image. In the lower-left corner, there is a white triangular area containing a faint, light gray map of South America and a compass rose.

Magellium Artal Group

COMPANY BROCHURE

Our expertises

Image processing, data processing, software solutions, mapping production, robotics, and 3D simulation, artificial intelligence, geo-intelligence, outsourced applications maintenance, project owner support, Cloud Native architecture, acquisition and processing chain: discover our comprehensive expertise, which enables us to meet your most specific needs.



Autonomous Systems for Inspection, Exploration and ISR

From UAV payloads to planetary rovers, we design **mission-oriented solutions covering the full chain**: multi-sensor integration, onboard perception, visual positioning and navigation, real-time processing and C2 interfaces that keep operators in control and support better-informed decisions, all built on open standards for **seamless integration into existing systems**.



Earth Observation and Space Surveillance

As experts in **space imaging and geophysical and biophysical applications**, we develop **algorithms and satellite image processing chains**. We are involved in numerous institutional projects focusing on monitoring our planet and tackling climate change.



Digital Geography

We support our customers in the **creation, management and exploitation of digital geographic data**, and offer solutions tailored to their needs in sectors such as regional planning, network management and mobility. Our expertise also covers the **integration of a geographic/mapping component** into a business application and its maintenance.



Software and Systems Engineering

For more than 20 years, we have been developing software solutions and services to meet our customers' needs, enabling them to **supervise and operate flying machines in the space and aeronautics sectors**. We also specialise in building Web applications in line with the **new paradigms of Cloud Native development**.

Our turnkey solutions

- **Video processing tools**
Aquila, LittleFox, Cameleon
www.constellations.magellium.com
- **Nano Mapper**
Real-time mapping solution using nano drones
www.magellium.com/solution/nano-mapper
- **MagOSM**
Thematic data services based on OpenStreet-Map
www.magosm.magellium.com
- **CAPELLA™ extension**
Open-source solution for systems engineering
www.capella.artal-group.com
- **MCMA**
Mapping of real estate action plans
www.mcma74.fr/application
- **ARGO 360**
Autonomous 360° monitoring gimbal for mini-UAVs
www.magellium.com/solution/argo360

About us

Magellium Artal Group is a medium-sized company with a team of nearly **300 engineers and PhDs** that provides its customers with image processing and scientific, software and technical engineering solutions for both civilian and military applications.

➤ For more than 25 years,

we have been offering high value-added solutions, mastering all **technologies for processing geospatial data and imagery, and developing and maintaining complex software** tailored to our clients' needs. Our commitment to innovation has shaped our reputation amongst major national, European and international players.

From space and defence to security, transport, energy, and even the environment and climate, our team, recognised across Europe for its expertise, is capable of tackling the most complex challenges.

- Magellium Artal Group is your trusted partner in **turning scientific innovation into operational reality.**



Why choose us?

Innovation is at the heart of our business and is part of our DNA, partly thanks to the significant resources we allocate to Research and Development. We have nearly 300 experts who provide **reliable, high-performance and tailor-made solutions** for your project.

Magellium Artal Group is recognised for its expertise in **national projects** such as France 2030 and **major European space programmes**. The Group is also expanding internationally, with notable successes across several continents.

Finally, we are actively committed to a **CSR policy based on several key principles**: inclusion, ethics, reducing our environmental footprint and professional equality. These efforts earned us the Ecovadis Gold Medal in 2024.

Choosing Magellium Artal Group means choosing **trust, innovation and collaboration**.

Our flagship projects

➤ **Copernicus HR-Snow&Ice**
EU and AAE

➤ **FLEX & FLEX DISC**
ESA

➤ **EU-SST**
European Union

➤ **Colibri**
CNES

➤ **MangMap**
IRD

➤ **MCO/MCS**
ADS, DGA

➤ **DIANE**
France 2030

➤ **Defence digital geography**
DGA

➤ **FARMSTAR**
Airbus

➤ **Enterprise GIS**
ENEDIS, RTE, EDF, ...

Data engineering for the Planet and Territories

For more information

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