

Transversal competencies



Kayros is the leading global asset observation platform built on fundamental science, strong R&D, and leading technology. Harnessing satellite imagery and multiple sources of unconventional data with machine learning, natural language processing, and advanced mathematics, Kayros monitors and measures energy and natural resource activity worldwide.

COMPETENCIES & CAPABILITIES

- SAR image processing (focusing, co-registration, coherence analysis, interferometry),
- MultiView stereo 3D mapping with VHR optical imagery (RPC refinement, stereo matching, triangulation, DSM/DTM estimation),
- Multi-frame Super-Resolution,
- Analysis Ready Data generation from Landsat and Sentinel L1 products (clouds detection, atmospheric corrections, co-registration, radiometric equalization),
- Hyper-spectral image analysis, Large-scale object detection

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Kayros Studio Platform makes actionable analysis faster

- All data sources**
from satellite images to geolocation data accessible on demand into a centralized place
- At the asset level**
with options to define sub-assets and easy imports
- < 1-week of setup**
from Customer need definition to Product configuration
- Anywhere**
in the world
- In near-realtime**
up to a daily frequency with access to historical and archive data

The Kayros two-step process makes actionable analysis faster

1 Define

2 Analyze

KAYRROS

PRODUCTS & SERVICES

With access to data on more than 200,000 industry assets, Kayrros customers track individual or multiple assets in configurable proprietary or collaborative workflows to analyze industrial and environmental performance for maximum insight and optimal operational and financial decisions.

Service lines:

- Emissions monitoring
- Flood Tracker
- Infrastructures monitoring
- On Road Demand
- Jet Fuel Consumption
- Crude Oil Inventories
- E&P Intelligence
- LNG Intelligence
- Refinery Intelligence
- Metals & Minerals

MAJOR SPACE PROJECTS & REFERENCES

- METHAN WATCH (ESA)
- C-TREES (EUROSTARS)
- FLOOD TRACKER (ADEME)
- GREEN (EIC)
- PAWES (EIC)

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TURNOVER 4,1 M€

WORK FORCE 140 employees

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