

A satellite in orbit above Earth at night, showing city lights and the curvature of the planet against a starry background.

*Actionable intelligence
from space*



GEOFEM[®]





*Leading advanced earth observation.
Powered from Cyprus.*

About Geofem

Geofem is a leading European provider of advanced **Earth Observation analytics** and **space-enabled intelligence**, supporting strategic monitoring operations across the globe.

We specialise in the exploitation of satellite-based sensing systems, seamlessly integrating multi-band **Synthetic Aperture Radar (SAR)**, **Interferometric SAR (InSAR)**, and **high-resolution optical Earth Observation data** to transform complex datasets into actionable intelligence.

Through advanced processing techniques and automated analytics, Geofem enables the precise detection, continuous monitoring, and insightful interpretation of activity, movement, and environmental change across extensive geographic areas.

Meaningful insights from large-scale Earth Observation data.

At Geofem, we empower governments, defence organisations, and critical infrastructure operators to monitor activity and environmental change across areas of strategic interest worldwide.

By combining multi-band radar satellite data, high-resolution optical imagery, and advanced artificial intelligence, our technology enables persistent, reliable monitoring—unaffected by weather conditions or daylight—ensuring continuous visibility space-based sensing capabilities.

Through these innovations, Geofem plays a key role in advancing the use of commercial space technologies.



Driving innovation in space-enabled intelligence.

Strengthening European space capability

We actively support the advancement of European expertise in satellite data analytics, contributing to a dynamic and growing ecosystem of space-enabled intelligence technologies.

Expanding international partnerships

Through collaboration with research institutions, satellite data providers, and technology partners, we accelerate innovation and unlock new operational applications for space-based monitoring.

Advancing earth observation analytics

We continuously develop cutting-edge SAR and optical imagery processing techniques, including AI-driven analytics capable of detecting and classifying objects, identifying activity patterns, and analysing change over time.

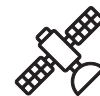
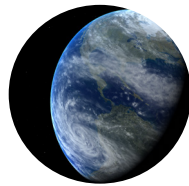
Powering scalable data processing and intelligence delivery

We transform large volumes of satellite and geospatial data into meaningful intelligence, delivered through cloud-based visualisation tools for operational users.

Powered by satellites. Grounded in experience.

Geofem's strength lies in its ability to translate complex geospatial data into precise, actionable intelligence.

Through the integration of advanced SAR and optical imagery processing, artificial intelligence, and geospatial analytics, we generate high-value insights that enable the effective monitoring of activity, infrastructure, and environmental change at scale.



Expertise in **multi-band SAR analytics (X-band, C-band and L-band)** enabling detection of subtle ground movement and activity patterns.



Integration of **radar and optical Earth Observation data** to provide comprehensive monitoring capabilities.



Advanced **AI-driven analytics and automated detection techniques** applied to large-scale satellite imagery datasets.



Ability to monitor large geographic areas **independently of weather conditions or daylight** through radar satellite technology.



A highly specialised technical team including **scientists and engineers** with expertise in Earth Observation, remote sensing, and geospatial intelligence.



Get in *touch.*



Scan the QR code

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