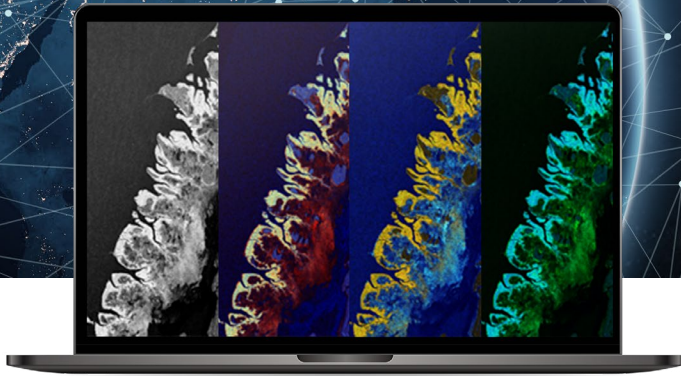


Integrated SAR Monitoring & Analytics

Technical Specification





Synthetic Aperture Radar (SAR) is an active remote sensing technology that uses radar pulses to generate high-resolution imagery, independent of cloud cover and daylight. EOMAP, a Fugro company, leverages SAR data to deliver reliable geospatial insights across diverse applications.



KEY BENEFITS

- + All-weather, day-and-night imaging
- + Consistent data acquisition in cloud-prone regions
- + Sensitive to surface moisture
- + Large-area, repeatable monitoring
- + Reduced reliance on field surveys
- + Rapid, scalable analysis

USE CASES

-  Asset monitoring and vessel detection
-  Terrain elevation modelling using InSAR
-  Shoreline change detection
-  Surface water and wetland mapping



Contact us
at engineering@eomap.com

EOMAP
a Fugro company



2026-04-19



2025-12-31



2025-10-21

Synthetic Aperture Radar Mapping and monitoring

ACCESS TO SAR-BASED SERVICES

We are sensor-agnostic and integrate SAR data from various sources including ICEYE, ESA, and other satellite operators to ensure the highest product quality.

Varied resolution options

- + 0.25 m, 1 m, 3 m, 10 m

Data provider

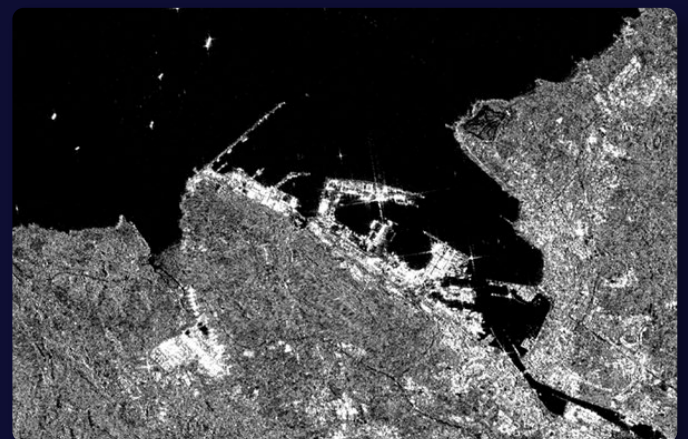
- + EOMAP GmbH & Co. KG, Schlosshof 4, 82229 Seefeld, Germany

How can I know if SAR provides value for my project site, and what the uncertainties and coverage are?

We provide a detailed, cost-free feasibility assessment that includes: expected coverage, uncertainty estimates, and suitable service options.

Our SAR/InSAR portfolio

- + On demand provision of data
- + Access to achieved SAR data and tasking availability
- + Wide range of applications including support from optical & hyperspectral data
- + Fully in-house capabilities
- + Cost free feasibility assessment for your site



Enquire here
discover.eomap.com