

YOUR CHOICE FOR PERSISTENT MONITORING

ICEYE

www.ICEYE.com

ICEYE (/ai'sai/) is the global New Space leader in satellite synthetic aperture radar (SAR) imaging technology with a track record of 11 SAR satellite missions launched. ICEYE empowers commercial and government partners with unmatched persistent monitoring capabilities for any location on Earth. The company helps customers make informed, data-driven decisions to address time-critical challenges in various industries, to ensure infrastructure safety, and to protect the environment.



PROBLEM SOLVING ACROSS INDUSTRIES WITH ICEYE SAR SATELLITE DATA

The world's premier Persistent Monitoring data delivered from the world's largest SAR satellite constellation. ICEYE's radar satellite imaging service, designed to deliver very frequent coverage, both day and night, is used for change detection, monitoring patterns of life, and taking fast actions on quickly evolving situations.

INDUSTRY USE CASES

- Maritime Safety & Oil Spill Detection
- Defense & Intelligence and National SAR Missions
- Civil Government
- Infrastructure Monitoring
- Mining & Energy



ICEYE FLOOD MONITORING: PROVEN RESULTS FOR THE INSURANCE INDUSTRY

ICEYE's Flood Monitoring Solution provides the insurance industry with near real-time flood extent and depth data at the building level within 24 hours of a flood's peak. This data enables claims automation & efficiency, and the calculation of overall flood losses to be estimated faster and more accurately than using models. ICEYE's flood hazard data can be used as a trigger for parametric insurance offerings.

- Global flood monitoring
- Near real-time flood analysis
- Efficient data delivery as spreadsheet of affected buildings and flood depth
- Bespoke solutions available for damages from wind, wildfire, earthquakes

QUICK FACTS

- **Promise:** World's leading persistent monitoring capabilities
- **Number of launched satellites:** 21
- **Manufacturing:** Helsinki, Finland, Warsaw, Poland, Murica, Spain and Irvine, California
- **Weight:** ~100 kg (~220 pounds)
- **Orbit:** Polar orbit (97.7 degr)
- **Altitude:** 560-580 km (348-360 miles)
- **Speed:** 16,780 mph or 7,5 km per second
- **Time to complete one revolution of the Earth over the North pole and under the South pole:** ~90 minutes
- **First satellite launched:** 2018
- **Most recent launch:** May 2022 (5 satellites)
- **Total funds raised to date:** \$304M in financing from multiple investors
- **Total employees (global):** 400+

CUSTOMER HIGHLIGHTS

Commercial and Governmental customers around the world.



WHAT IS SAR?

Optical satellites use light from the sun to see the Earth. Radar imaging satellites send their own energy to the ground, and produce an image from the energy that is reflected back. This allows radar satellites to collect reliable data day or night, and even through clouds.



THROUGH
CLOUDS



THROUGH
DARKNESS

SAR DATA PRODUCTS



SCAN FOR WIDE AREA COVERAGE

- 10,000 km², 10-meter resolution
- Reliable and timely information about extensive land and sea areas from a single SAR satellite image. Ideal for maritime safety.



STRIP FOR MEDIUM AREA COVERAGE

- 30 x 50 km², 3-meter resolution
- Timely response to changes on the ground including natural disasters and activities requiring fast intervention, as well as border and coastal surveillance.



SPOT FOR DETAILED VIEWS

- 5 x 5 km², 25-centimeter resolution
- Gain extensive insights with high resolution satellite imagery from a smaller area delivered up to multiple times per day. Ground resolution of 25 cm (9.8 inches).

QUICK CONTACTS

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