

NEWSPACE MARKET · COMPANY PROFILE

ICEYE

ICEYE

Ukraine · founded 2012 · iceye.com

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as of 3 September 2026



ICEYE

ICEYE designs and manufactures SAR (synthetic aperture radar) satellite constellations. The company provides continuous monitoring capabilities to detect and respond to changes on Earth, offering daily truth data, persistent monitoring, and natural catastrophe solutions. Its product lines include SAR satellite constellations, which are used for defense and intelligence missions, and the ISR Cell, a deployable ground unit for intelligence dissemination. ICEYE provides observed flood extents and depths, and impact and damage data for floods, hurricanes, and wildfires. Customers include governments, companies, organizations, and nations operating ICEYE missions, as well as the insurance industry. The company is headquartered in Finland and operates globally with over 1,000 employees across Poland, Spain, Germany, the UK, Australia, Japan, the UAE, Greece, and the US. ICEYE owns the world's largest SAR satellite constellation. The company is ISO 27001:2022 certified for information security and ISO 9001:2015 certified for quality management.

This profile is generated from the live NewSpace Market catalogue. Specifications are as published by the manufacturer; every product links to a page where a request for quotation reaches the company directly.

SERVICES

Services

Federated Fleets for National Control

Nations can connect their constellations into federated fleets with ICEYE, gaining coalition-scale coverage while retaining national control.

Highest-priority tasking

ICEYE offers highest-priority tasking on its SAR constellation, delivering data from tasking to delivery in under one hour for critical missions.

ISR Cell Deployment

ICEYE provides a deployable ground unit, the ISR Cell, which runs the full intelligence, surveillance, and reconnaissance loop from a single container.

Natural Catastrophe Monitoring Solutions

ICEYE provides near real-time hazard and damage data for natural catastrophes like floods, hurricanes, and wildfires to various organizations.

Persistent Monitoring

ICEYE provides continuous monitoring capabilities using its SAR satellite constellation to detect and respond to changes anywhere on Earth.

Product catalogue



ICEYE

Deforestation Solution

ICEYE's Deforestation Solution is a global service that enables governments, corporations, and NGOs to detect, verify, and respond to deforestation in near real time.

[price on request](#) [datasheet](#)



ICEYE

ICEYE Flood Insights

Strengthen flood resilience with satellite-powered insights and impact monitoring, leveraging the world's largest constellation of SAR satellites for community flood response, reco

[price on request](#) [datasheet](#)



ICEYE

ICEYE Gen4 SAR Satellite

The ICEYE Gen4 satellite is the latest-generation synthetic aperture radar (SAR) microsatellite platform built by ICEYE, a Finnish New Space company. It carries an electronically s

Resolution	Up to 16 cm (Gen4); standard modes 1x1 m Spot, 3x3 m Strip, 15x15 m Scan
Swath width	150-400 km (Gen4, doubled vs. prior generations)
Imaging modes	Dwell, Spot, Spot Large Extended Area, Strip, Scan
Imaging agility	15+ images per single acquisition pass
Data downlink	Up to 700 Mbps via steerable antenna
Satellite mass (standard ICEYE-X platform)	~85 kg
Orbit	Sun-synchronous LEO, ~500-620 km altitude, ~97.7° inclination

[price on request](#)



ICEYE

ICEYE Hurricane Solution

Supercharge your event response for the hurricane season with the earliest view of observed wind and flood damage data across the full extent of the hurricane, encompassing tens of

[price on request](#) [datasheet](#)



ICEYE

ICEYE SAR Satellite Constellation

ICEYE operates the world's largest commercial synthetic aperture radar (SAR) satellite constellation, with over 30 satellites in orbit providing all-weather, day-and-night su

Constellation size	30+ satellites
Resolution	Sub-1 m (Spot mode) to 3 m (Strip mode)
Imaging mode	SAR (Synthetic Aperture Radar) – all-weather, day/night
Satellite mass	<100 kg (microsatellite)
Markets	Insurance, maritime, defense, disaster response
HQ	Espoo, Finland
Founded	2014

[price on request](#)



ICEYE

Wildfire Insights

ICEYE's Wildfire Insights provides a near real-time assessment of building damage within the fire perimeter, helping insurers understand wildfire damage within hours, not days.

[price on request](#)

[datasheet](#)

Contact ICEYE

Open the company profile on NewSpace Market to see full specifications and datasheets, and to send a request for quotation that reaches the manufacturer directly.

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