ICEYE

See all, Know all.

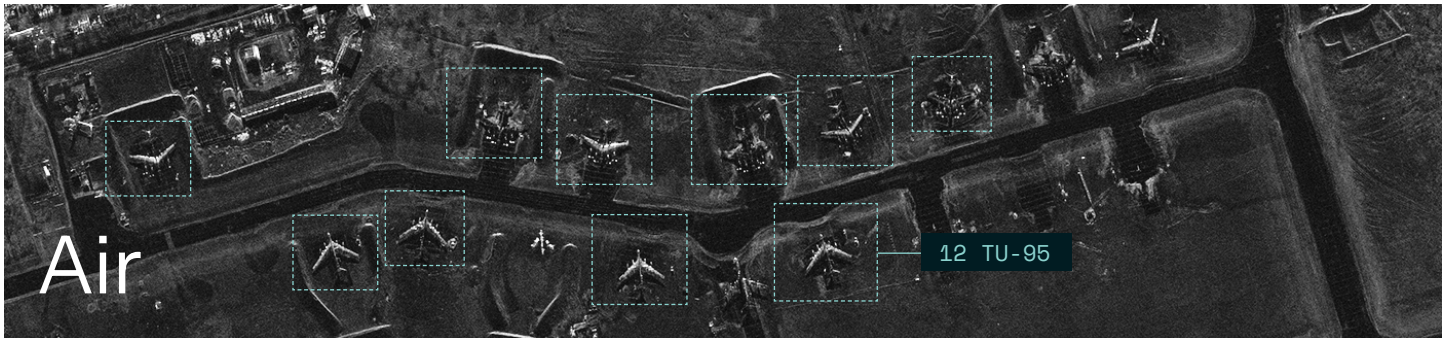


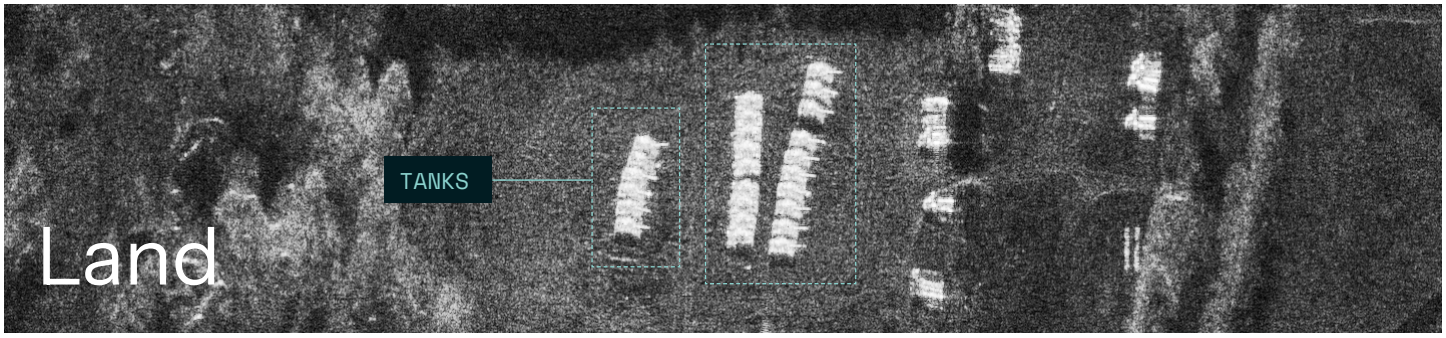
Sovereign ISR from space

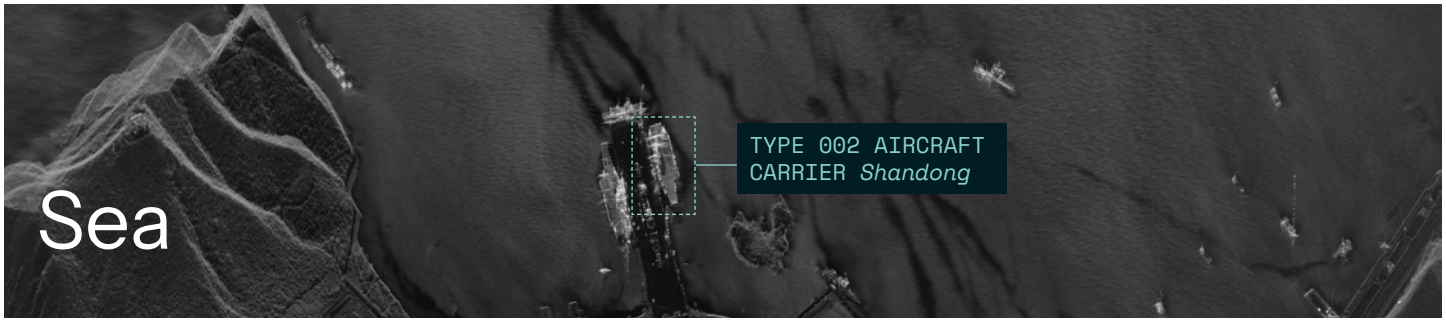
SATELLITES ISR CELL GROUND SEGMENTS TRAINING LAUNCH SERVICES

A whole new way to monitor Earth

Welcome to ICEYE. A pioneer of synthetic aperture radar (SAR) satellites, we enable the defense and intelligence sectors to monitor activity on the planet's surface, faster and more accurately than ever before. Our satellites provide data on any location, in any weather, day or night.







Intelligence from space. Proven in battle.

Strengthen your national defense with a sovereign satellite system. Designed to your specifications. Launched in as little as 12 months. Capable of delivering the precise, reliable data you need for real-time decision-making or long-term strategy.

Sovereign turnkey ecosystem

No need to spend years developing your own system. Our integrated solution is ready to go, complete with cutting-edge space technology and robust ground support. It's a highly efficient way to enhance situational awareness for informed decision making, delivering fast, accurate intelligence while minimizing risks to personnel and assets.



Satellite
Latest-generation ICEYE SAR satellites.
Designed for sovereign tasking and rapid imaging.



ISR Cell
Tactical, mobile container-based ISR node.
Provides rapid, on-site space-based intelligence.



Launch service
Turnkey access to LEO via trusted providers.
Full support from licensing to commissioning.



Ground segment
Integrated software & hardware stack for mission ops.
Enables tasking, control, processing, and catalog access.



Ground station
Dedicated antenna systems for local downlink.
S/X band capable with pedestal tracking and modem.



ICEYE Connect
ICEYE Global ground station network access.
Provides extended capacity and remote operations enablement.



ISR Analytics
AI-assisted software for rapid &
reliable end-to-end ISR loops.



Additional data and capacity
Access to ICEYE's commercial constellation.
Ensure early intelligence availability from day one.



Commissioning and training
Expert-led LEOP, commissioning, and ops training.
Ensures sovereign capability and autonomous operations.



Gen4 Satellites

The latest version of ICEYE's revolutionary satellite design represents a giant leap for SAR imaging. Monitor areas up to 120,000 km2 or zoom in to areas of interest just 5 km across. This is a level of coverage, resolution, and agility that has simply not been possible until now.

Satellite specification

Mass	200 - 220 kg
Battery	1.4 kWh
Power	5 solar panels
Communication	S-/X-band
Downlink	X-band up to 700 mbps with encryption

SAR Payload

Bandwidth	1200 MHz
Frequency	9.8 GHz
Polarisation	VV

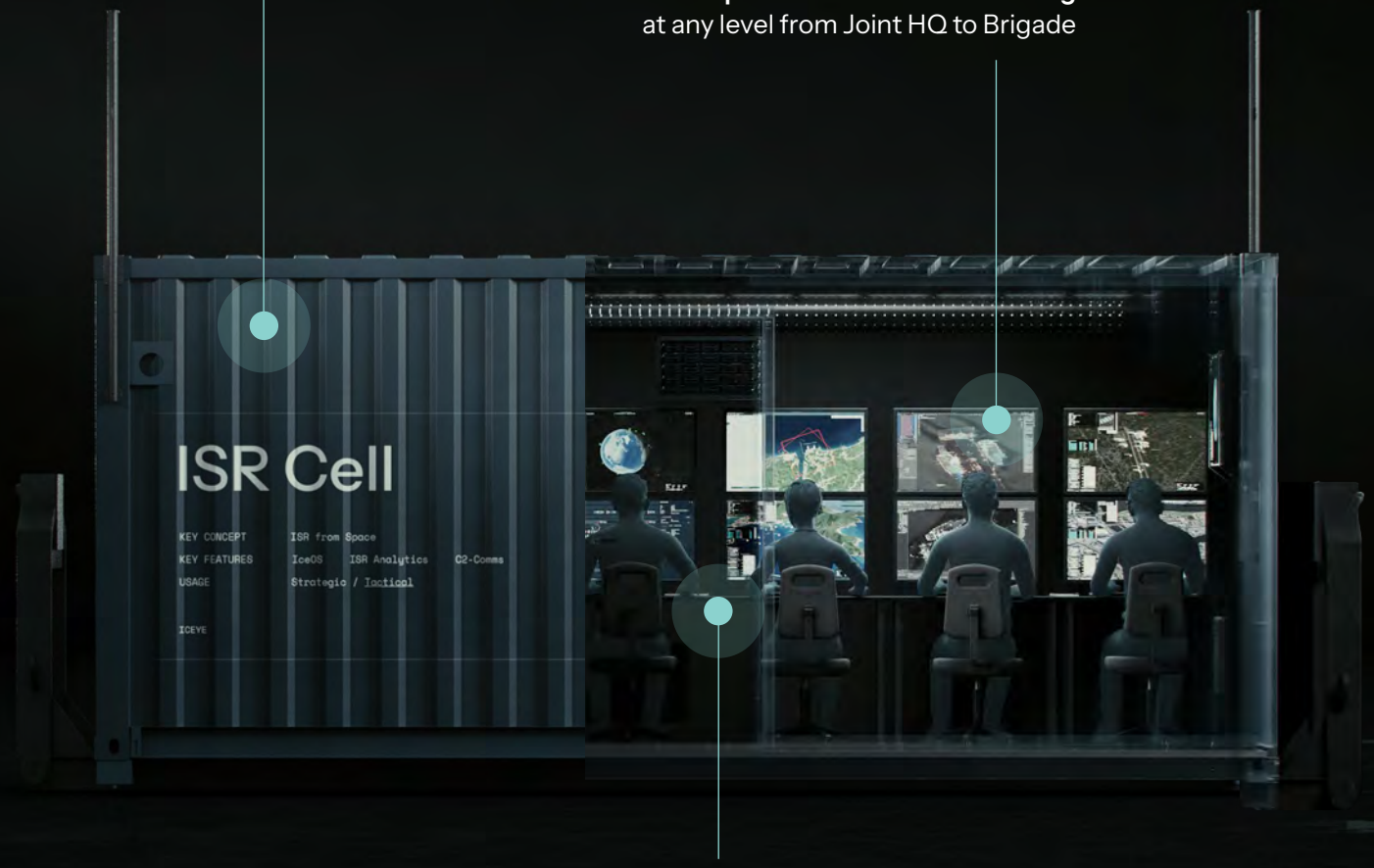
The ISR Cell

Deliver data directly to decision-makers

A military-grade container for ICEYE hardware and software, the ISR Cell optimizes F2T2EA by bringing space-based data closer to the frontline.

Near real-time intelligence
delivered from space

Rapid tactical decision-making
at any level from Joint HQ to Brigade



Independent from mission control
to ensure distributed resilience

From order to launch in 12 months

Ordering your mission

Satellite, Mission Ground Segment (MGS), antenna, training and integration are defined. Contract is agreed. Satellite and MGS production are sequenced. Training and MGS installation plan is developed.

Assessing data needs

If requested, data can be gathered from existing ICEYE satellites within weeks – before or after satellite delivery.

Launch services

We work with you to define the scope of launch services and satellite delivery dates.

Training

We can support your operational team with basic, intermediate and comprehensive training for satellite operations.

Satellite and MGS shipment

Your satellite(s) and Mission Ground Segment will arrive in your country

Launch and handover

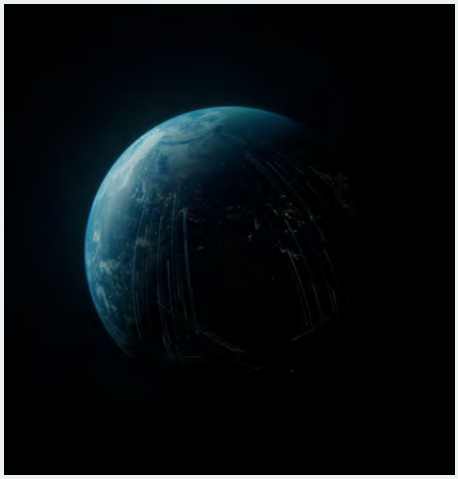
We can arrange the launch of your spacecraft into low Earth Sun-synchronous orbit, saving you time and money. After launch, your satellite is handed over to you.

Maintain and update

We provide lifetime technical support to ensure the smooth running of your missions. ICEYE satellites receive software updates over the air, adding new features and enhancing existing ones.

Fastest way to a sovereign space capability

Dedicated access to ICEYE's constellation



Global Capacity

- Exclusive 100% satellite capacity at your service
- One or several dedicated satellites
- Best for monitoring various global locations



Regional Capacity

- Prioritized tasking of satellites for a specific area of interest
- One or several dedicated satellites
- Best for monitoring specific areas in the world



Tactical Access

- Full ICEYE commercial constellation at your service
- Book specific time slots and areas of interest
- Best for high-priority time schedules

Beyond Defense

Once deployed, ICEYE satellites can be used to enhance and protect national security across the board.

Defense and Intelligence	Civil Government
Multi Domain Awareness	
Illegal Migration	
Crime, Terrorism	
Environmental Impacts, Disaster Response	

Regular launches. Rapid delivery.

No other SAR company builds and launches satellites at the rate we do. With our proven track record and rich space tech heritage, we can get your project off the ground at maximum speed – and minimum risk.

2027

25+ To be Launched



2026

23+ To be Launched



2025

24+ Launched satellites



2024

25 cm resolution launched

9 Launched satellites



2023

50 cm resolution launched

11 Launched satellites



2022

7 Launched satellites



2021

6 Launched satellites



2018

1 Launched satellites



2019

3 Launched satellites



2020

3 Launched satellites





ICEYE SAR imaging modes

Up to 25 cm
Resolution.

Up to 120.000 km²
Scene size.

ICEYE's unique Antenna is an electronically-steered phased array that can be controlled to enable a range of imaging modes for demanding operational needs.

Location:
Suez Canal

Imaging Mode	Dwell Precise	Dwell Fine	Spot Fine	Dwell	Spot	Spot Ext.	Strip	Scan	Scan Wide
Resolution	**25 cm**	**50 cm**	**50 cm**	**1 m**	**1 m**	**1 m**	**3 m**	**15 m**	**27 m**
Nominal swath width x lenght [km]	5 × 5	5 × 5	5 × 5	5 × 5	5 × 5	15 × 15	30 × 50	100 × 100	200 x 300
Slant resolution (azimuth range) [m]	0.05 × 0.125	0.05 × 0.25	0.1 × 0.25	0.05 × 0.5	0.25 × 0.5	0.5 × 0.5	3 × 0.5-2.5	N/A	N/A
Nominal collection duration [sec]	25	25	15	25	10	10	10	15	42
Azimuth looks	5	10	5	20	4	2	1 to 2	1	--
Maximum image lenght [km]	5	5	5	5	5	15	500	500	600

Why ICEYE?

Sovereign
Control over your own SAR constellation along with exclusive capacity and dedicated tasking

Agile
12 months from order to working system with option to access ICEYE data any time before or after launch

Flexible
End-to-end space-based ISR portfolio

Proven
50+ satellites launched to date

Efficient
Monitor territories at low cost and zero risk



Customers:

Koninklijke Luchtmacht

WOJSKO POLSKIE

FORÇA AÉREA PORTUGUESA

Sana'a International Airport, Yemen

IMAGING MODE: DWELL PRECISE
RESOLUTION: 25CM



Barysaw, Belarus

IMAGING MODE: DWELL FINE
RESOLUTION: 50CM



TANKS/ARMORED VEHICLES

Yulin Naval Base, Hainan Island, China

IMAGING MODE: DWELL FINE
RESOLUTION: 50CM



Ukrainka, Russia

IMAGING MODE: DWELL PRECISE
RESOLUTION: 25CM




TWO TU-95
14 TU-95



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