



EARTH OBSERVATION IMAGERY



ON-DEMAND ADVANCED SAR

National Space Centre provides Earth observation imagery for timely and reliable visibility via Synthetic Aperture Radar (SAR) small satellites. We partner with Capella Space, the first U.S. company to launch and operate commercial SAR. The result is the highest resolution imagery on the commercial market.

Capella's novel satellites are matched with a market-leading cloud infrastructure allowing NSC to deliver global insights to both government and commercial customers with the

shortest lead times from image order to image delivery in the industry.

NSC staff are fully trained in the positioning, capture, and delivery of images from the Capella satellite constellation, and can help you identify the shape and resolution best suited to your operational needs.

Capella's comprehensive Operational Security program aligns with U.S. NIST 800-171 requirements using the highest levels of cloud security. Customers also benefit from end-to-end automation from order-to-delivery for secure and confidential tasking as well as complete anonymisation of customer identity and interaction.



IMAGES ON DEMAND

Real time satellite tasking means faster delivery times and more actionable information from space.

24/7

DAY OR NIGHT

ALL WEATHERS,
ALL DAY

Synthetic Aperture Radar (SAR) operates through cloud cover and through darkness.

INCREDIBLE
RESOLUTION

Low noise, very high ground resolution down to 50cm by 50cm, a first for the commercial marketplace.

50CM



USE CASES

EVER GIVEN, SUEZ CANAL

Timely, all-weather, high resolution imagery provides global transparency. Our EO data promotes positive social, economic and environmental outcomes across a huge range of sectors.

Synthetic Aperture Radar (SAR) supports a variety of government and commercial use cases including facility monitoring, detection of illegal maritime activity, mapping of natural disaster damage, and monitoring of illegal logging or erosion.

Images can be captured using a single satellite pass or longer dwell times, tailored to requirements.

- **MINING**
- **INFRASTRUCTURE**
- **URBAN PLANNING**
- **AGRICULTURE**
- **ENERGY**
- **HUMANITARIAN AID**
- **DISASTER RESPONSE**
- **MARITIME OBSERVATION**
- **ENVIRONMENTAL**
- **INTELLIGENCE & DEFENCE**
- **BREAKING NEWS**



For more information, contact:

Dara Jennings

SAR Sales Manager

dara@nationalspacecentre.eu

+353 (86) 237 5984



National Space Centre Ltd
Elfordstown Earthstation
Midleton, Co Cork
IRELAND P25 P526

+353 (21) 601 0742

<https://nationalspacecentre.eu>



ROSWELL, NM, USA