

ICEYE

Prepared for:
Aker Arctic
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**New Service for On-line Ice Data Based on SAR
Satellite Images**

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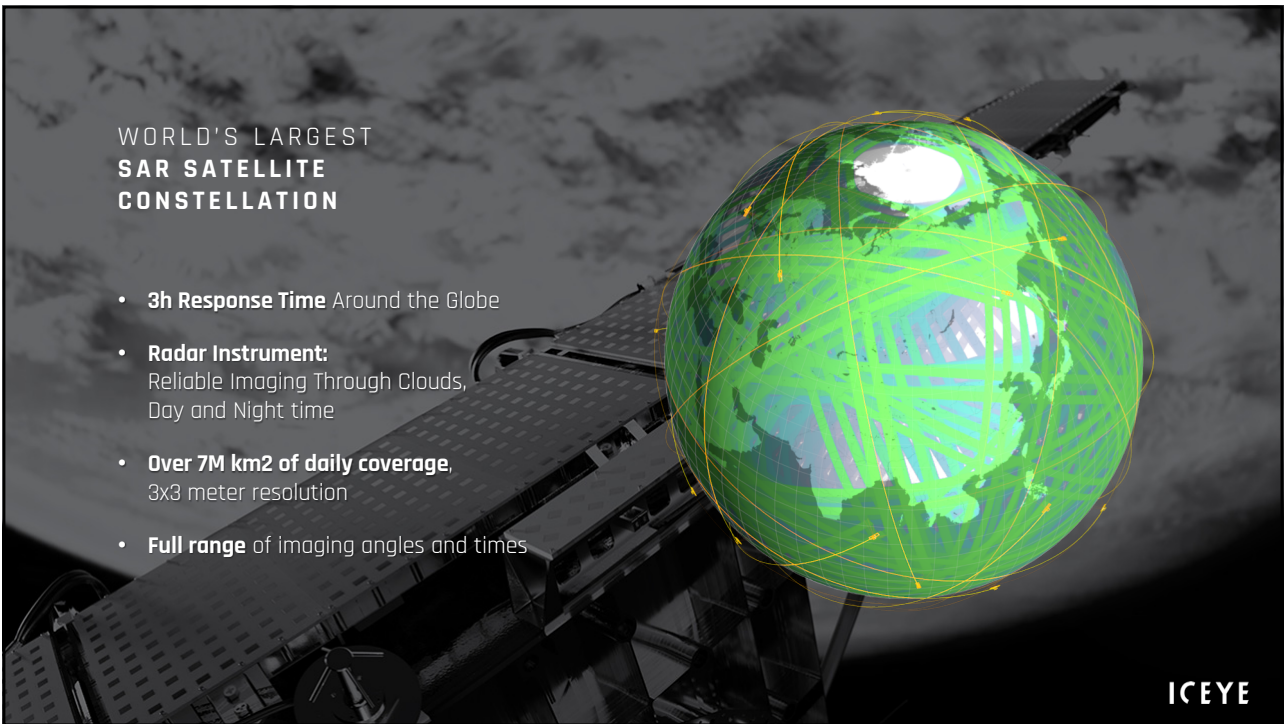
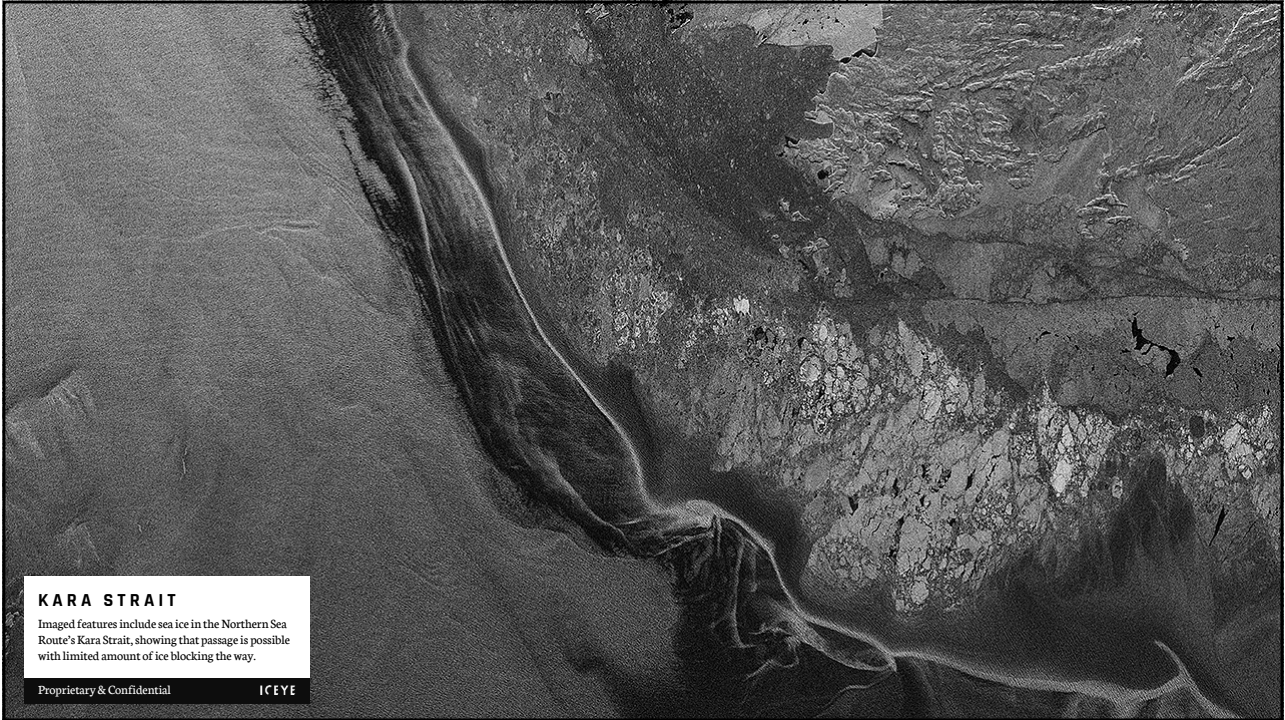
THE PROBLEM WE ARE SOLVING:

**RELIABLE & FREQUENT
MONITORING OF VAST AREAS**

THROUGH **CLOUDS**
THROUGH **DARKNESS**

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ULTIMATE RELIABILITY SEE IN THE DARK

ICEYE's Microsatellites Capture Data With ICEYE's Proprietary Miniature Synthetic Aperture Radar Instrument (SAR).

Unlike Optical Cameras, SAR Images With Radar Pulses, Making It Independent Of Daylight Conditions, Allowing High-quality Imagery Also During Night-time.

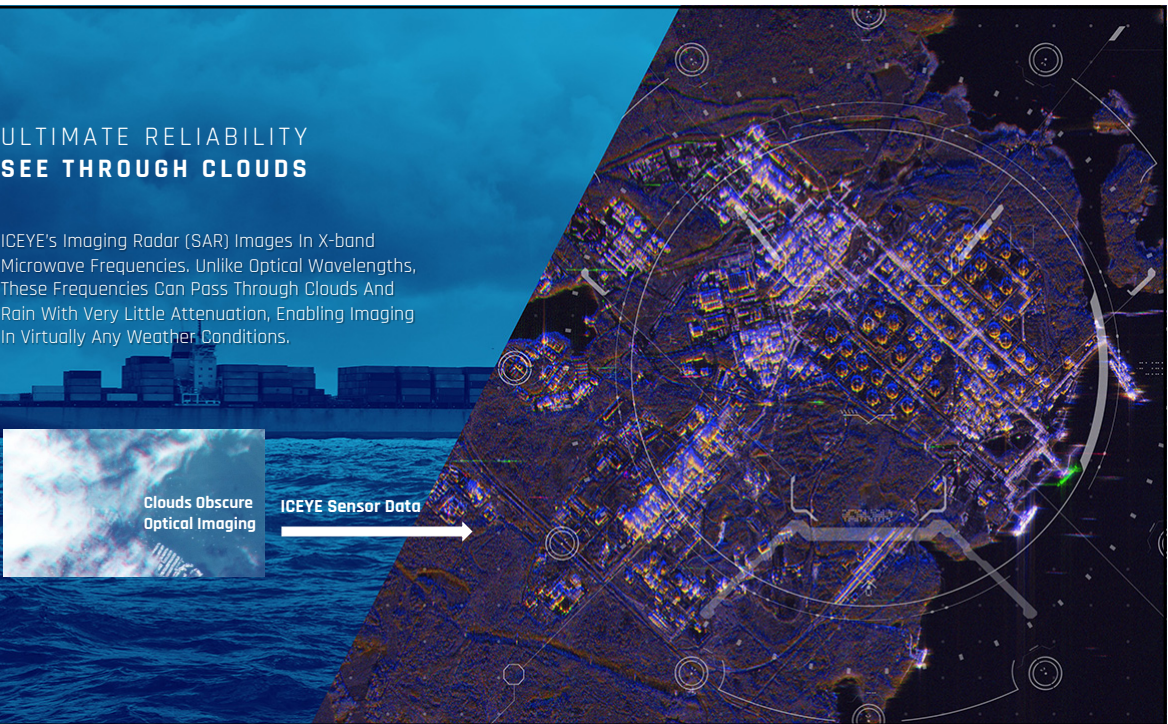


City During Night Time

ICEYE Sensor Data

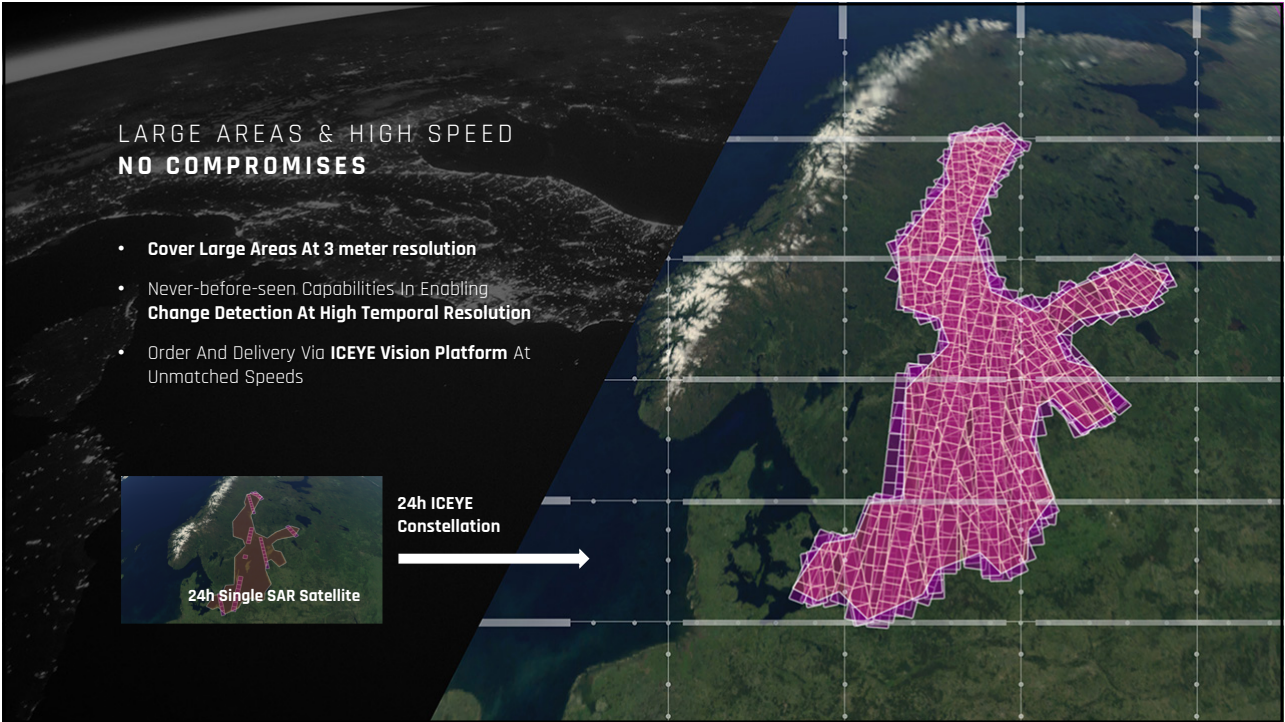
ULTIMATE RELIABILITY SEE THROUGH CLOUDS

ICEYE's Imaging Radar (SAR) Images In X-band Microwave Frequencies. Unlike Optical Wavelengths, These Frequencies Can Pass Through Clouds And Rain With Very Little Attenuation, Enabling Imaging In Virtually Any Weather Conditions.



Clouds Obscure Optical Imaging

ICEYE Sensor Data

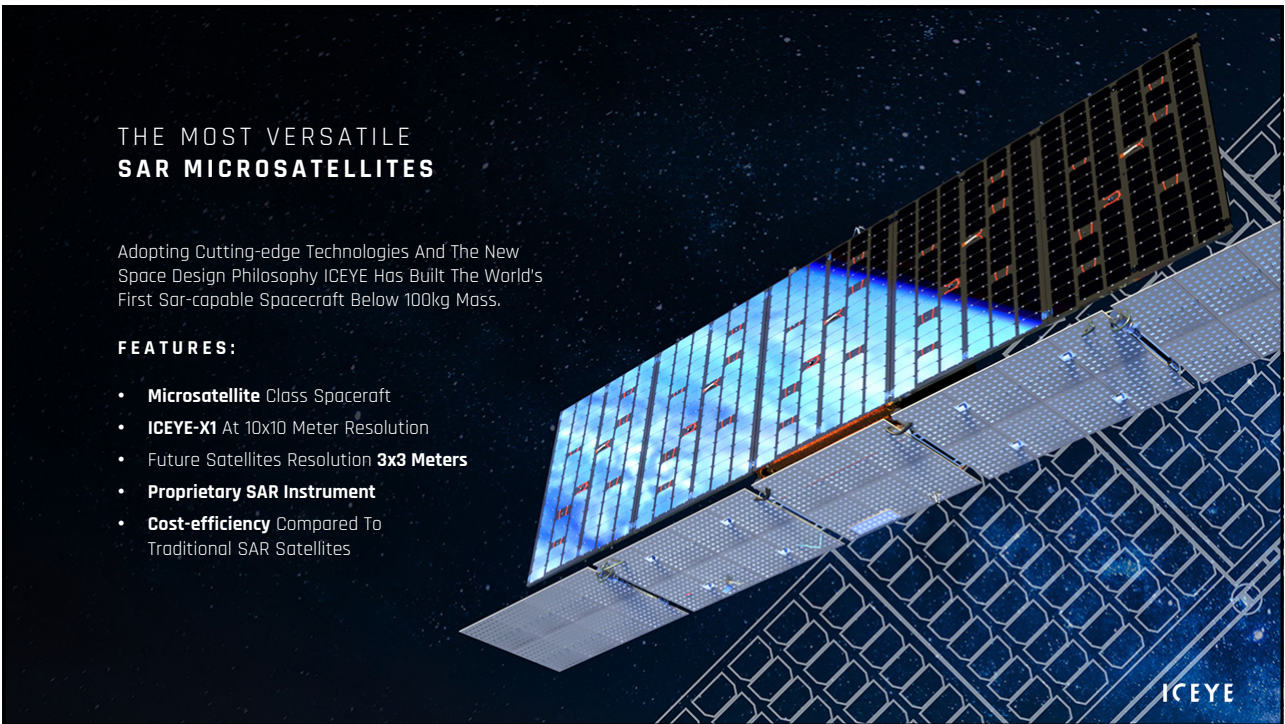


**LARGE AREAS & HIGH SPEED
NO COMPROMISES**

- **Cover Large Areas At 3 meter resolution**
- **Never-before-seen Capabilities In Enabling Change Detection At High Temporal Resolution**
- **Order And Delivery Via ICEYE Vision Platform At Unmatched Speeds**

24h Single SAR Satellite

24h ICEYE Constellation



**THE MOST VERSATILE
SAR MICROSATELLITES**

Adopting Cutting-edge Technologies And The New Space Design Philosophy ICEYE Has Built The World's First Sar-capable Spacecraft Below 100kg Mass.

FEATURES:

- **Microsatellite** Class Spacecraft
- **ICEYE-X1** At 10x10 Meter Resolution
- Future Satellites Resolution **3x3 Meters**
- **Proprietary SAR Instrument**
- **Cost-efficiency** Compared To Traditional SAR Satellites

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MARITIME USE CASES FOR RADAR SATELLITES

ARCTIC NAVIGATION	SEA STATE MONITORING	OCEAN CURRENT MONITORING
OIL SPILL DETECTION	PIRATE EARLY WARNING	ILLEGAL SHIPPING AND TRADE MONITORING
PREVENTING ILLEGAL FISHING	SEARCH AND RESCUE	DETECTING MIGRANT BOATS
AUTONOMOUS SHIPPING DECISION SUPPORT	PORT ACTIVITY TRACKING	OTHER?

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COMPREHENSIVE COVERAGE GROUND STATION NETWORK

ICEYE



THE NEW FRONTLINE PLAYER
IN COMMERCIAL EARTH OBSERVATION

- First Satellite Project Started **In 2012.**
- Company Operations Started **In 2015.**
- Finnish Company Of **50 People.**
- **Secured Funding** From Eu H2020, The Finnish Government, Silicon Valley And European Venture Capital.
- **World Leader In Sar** Miniaturization Technology.

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FEATURED IN:

BBC NEWS **The New York Times**

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ICEYE is pleased to offer its partners our
Phase One Constellation products
linked with the launch of its
X1, X2 and X3 satellites.

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Contact for more information

- Some sample images and video removed from this PDF copy
- Please contact ICEYE for the latest information at www.iceye.com
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