


PHOTOMAP

ITAPA Defence 2023





Nové snímkovacie a senzorké technológie pre obranný priemysel

Miloslav Ďurica

PHOTOMAP



Satelitný DPZ

AIRBUS DS, MAXAR (EUSI),
PLANET LABS, Capella Space

EARSC



Letecký DPZ

EAASI



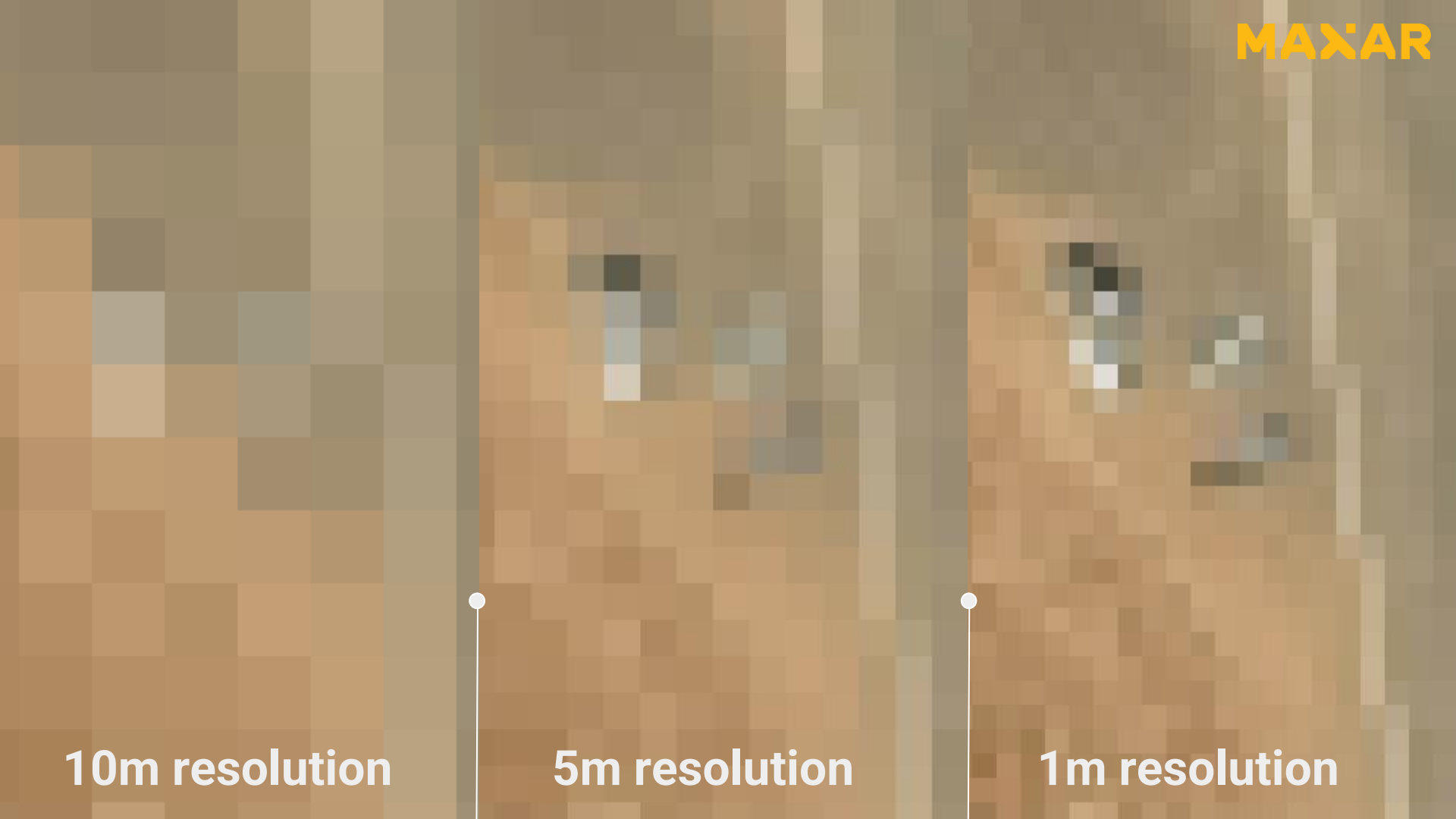
Bezpilotný DPZ



Mobilné mapovanie



Geodézia



10m resolution

5m resolution

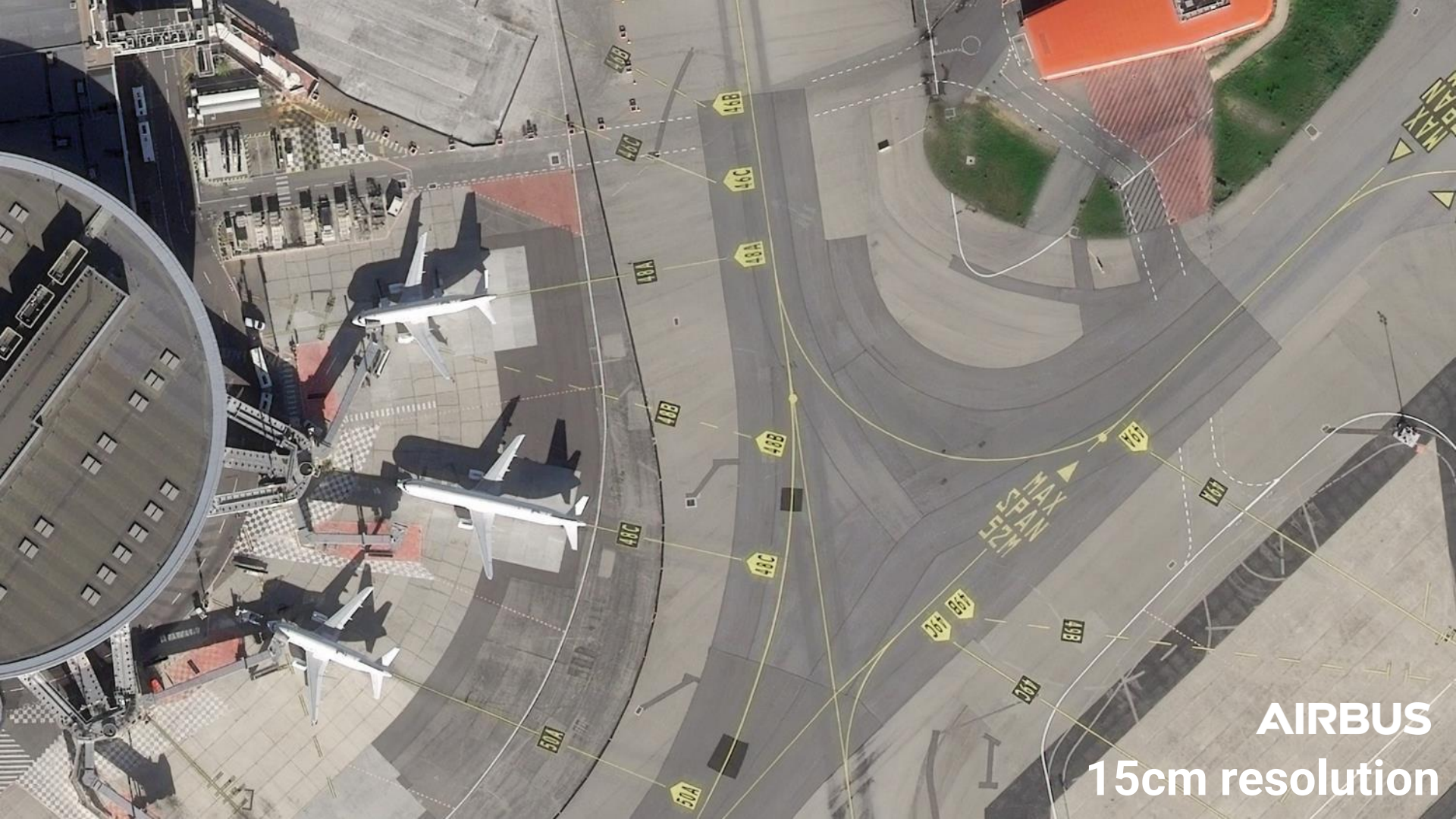
1m resolution



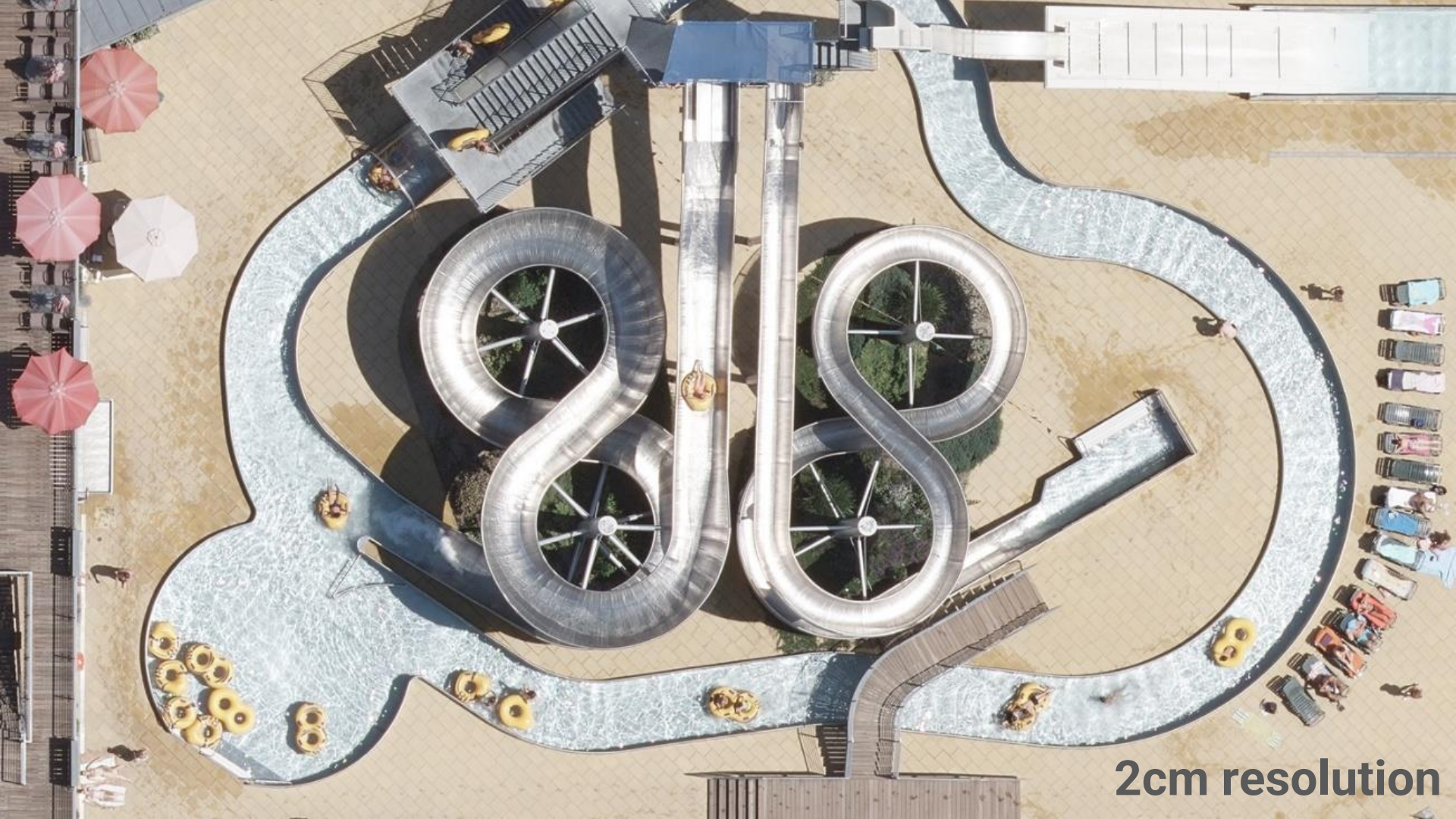
70cm resolution

50cm resolution

30cm resolution



AIRBUS
15cm resolution



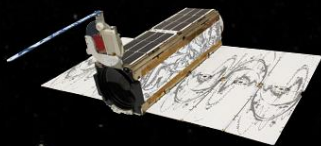
2cm resolution



Planet's Industry-Leading Constellations

180+

PlanetScope Dove Satellites



Doves



SATELLITES
180+

GSD
3.7 m

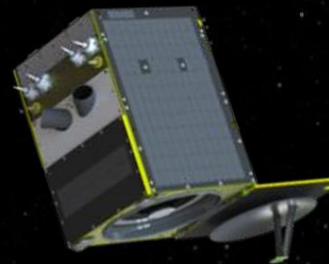
CAPACITY
200 million km²/day

ORBIT ALTITUDE
475 km

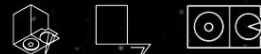
8 SPECTRAL BANDS
**Coastal Blue, Blue,
Green I, Green II
Yellow, Red, Red Edge,
Near Infrared**

21

SkySat Satellites



SkySat



SATELLITES
21

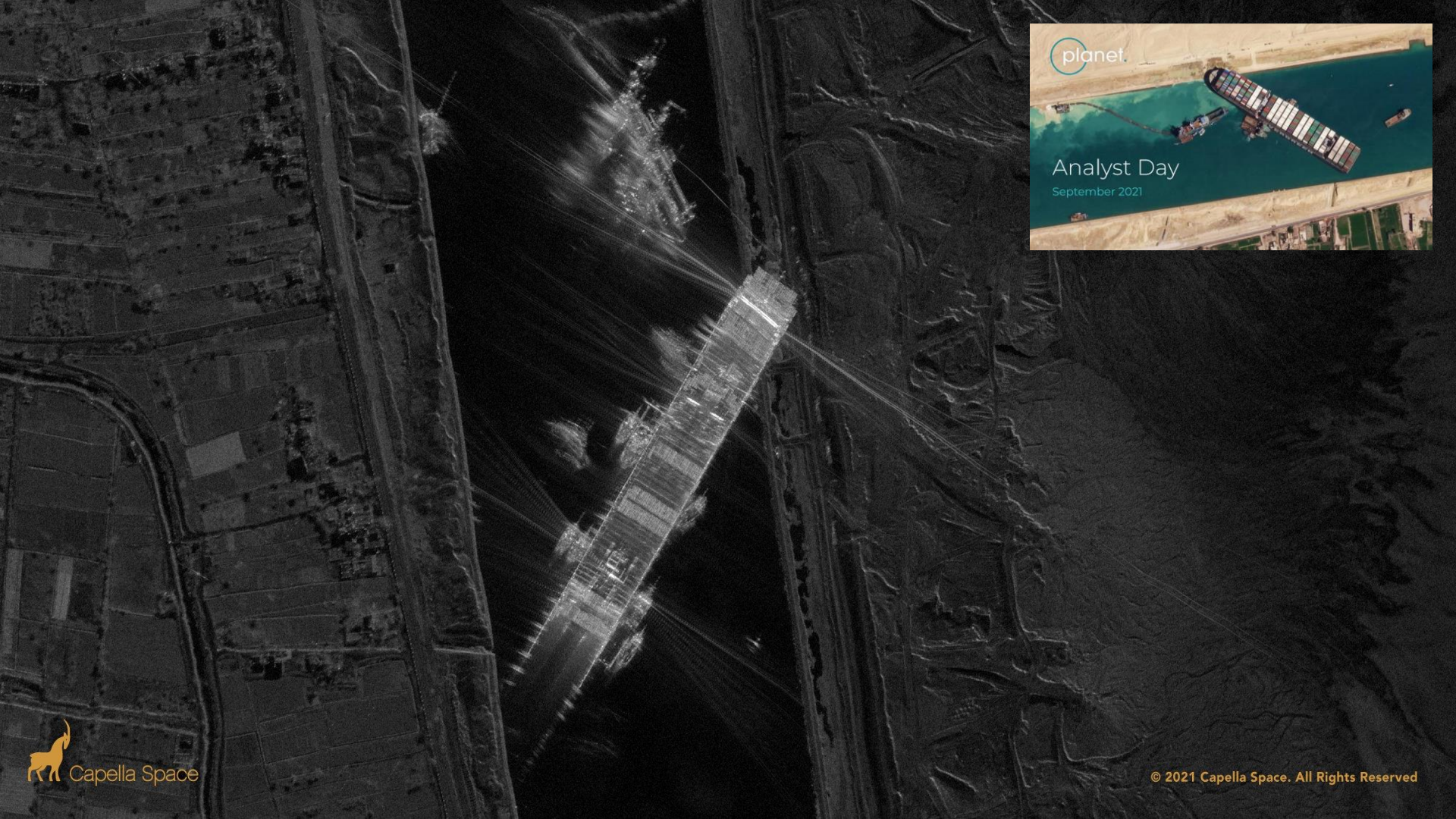
GSD
0.65 m

CAPACITY
400 K km²/day

ORBIT ALTITUDE
450 km

SPECTRAL BANDS
RGB, PAN and NIR





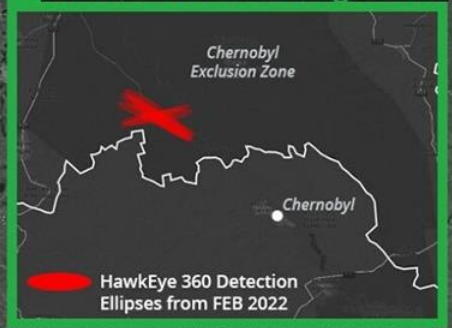
BELARUS

RUSSIA

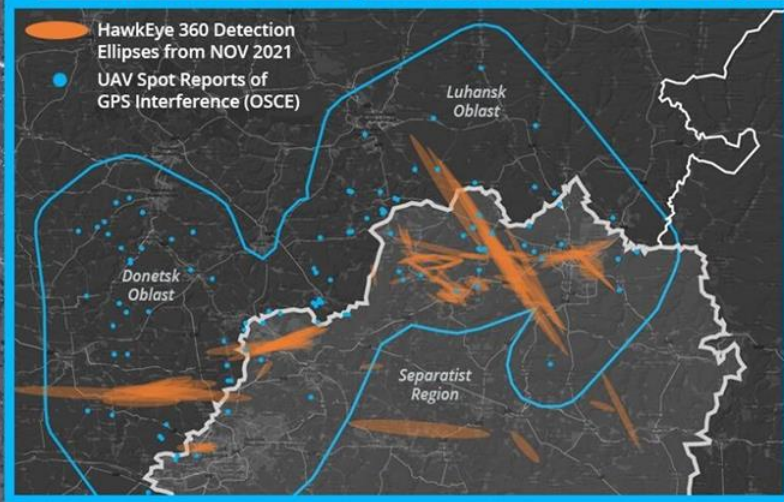
UKRAINE

Kyiv

A GPS Interference Along Border



B GPS Interference Along Pro-Russian Separatist Region



**GPS INTERFERENCE DETECTED
WITHIN OR NEAR UKRAINE**

Unclassified Imagery and Information • Graphics Contain no "Technical Data"
Contains Information that is Only Representative of Information
that can be Produced from the Use or Operation of a Defense Article
© 2022 HawkEye 360 Inc. • Background Map Data © 2022 Google



Map navigation and history controls:

- Navigation: +, -, Home, Location, Street View, Full Screen, Print, Layers, Settings, Refresh, Close
- History Panel:
 - 2019-10-27
 - 2019-10-27
 - SWIR Multiband 2019-10-27
 - 2019-10-26
 - SWIR Multiband 2019-10-24
 - SWIR Multiband 2019-10-24
 - 2019-10-24
 - 2019-10-24
 - 2019-08-25
 - 2019-07-29
 - 2019-07-29



OneAtlas

Connecting Images from Space
to Decisions on Earth

40.437°N
23.642°W

TALLY#:
1. VESSEL #10748-1283
2. VESSEL #40090-3467
3. VESSEL #90547-3488
4. VESSEL #10093-0475
5. VESSEL #90047-1784

40.427°N
23.642°W

IRSE#:
145,2784100 - 0204
234,40789999 - 1488

AIRBUS

DEFENCE AND SPACE

SIRTAP

Next Generation Tactical UAS



AIRBUS

Ďakujem

photomap@photomap.sk

