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Leveraging commercial Optical, Radar & Elevation data

Concrete use-cases

Martin Pentier
Geospatial Sales Manager

OneAtlas

ONE SINGLE PLATFORM

To easily access Airbus constellation and associated services

ANALYTICS

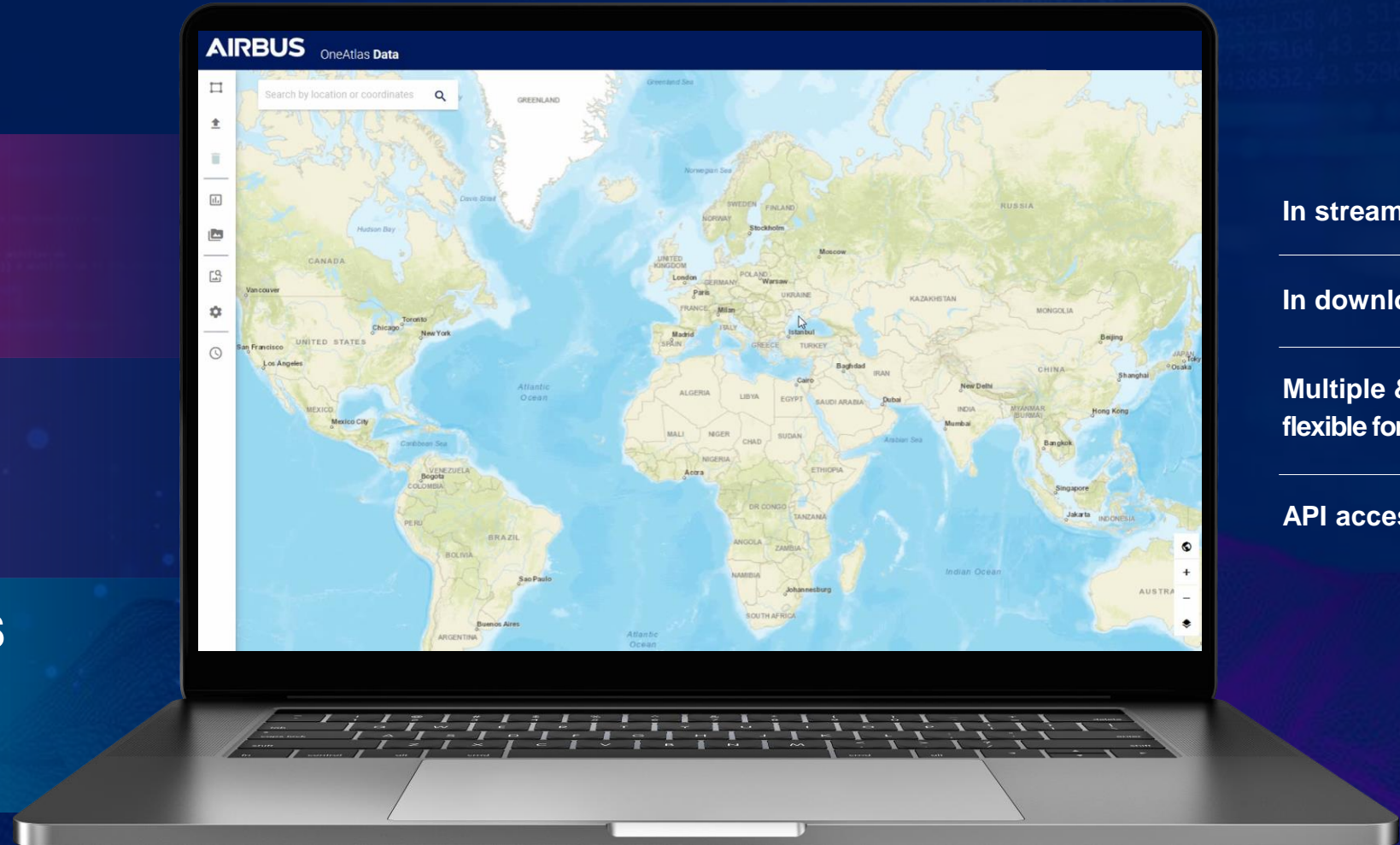
Change detection
Land use and map extraction
Activity analysis and monitoring

IMAGERY

Optical and Radar
Archive and Tasking
Multi-resolution

REFERENCE LAYERS

Basemap
Digital Elevation Models
3D Models



In streaming

In download

Multiple &
flexible formats

API access

OneAtlas

RADAR AND OPTICAL CONSTELLATION

The Best Imagery for your application
and budget

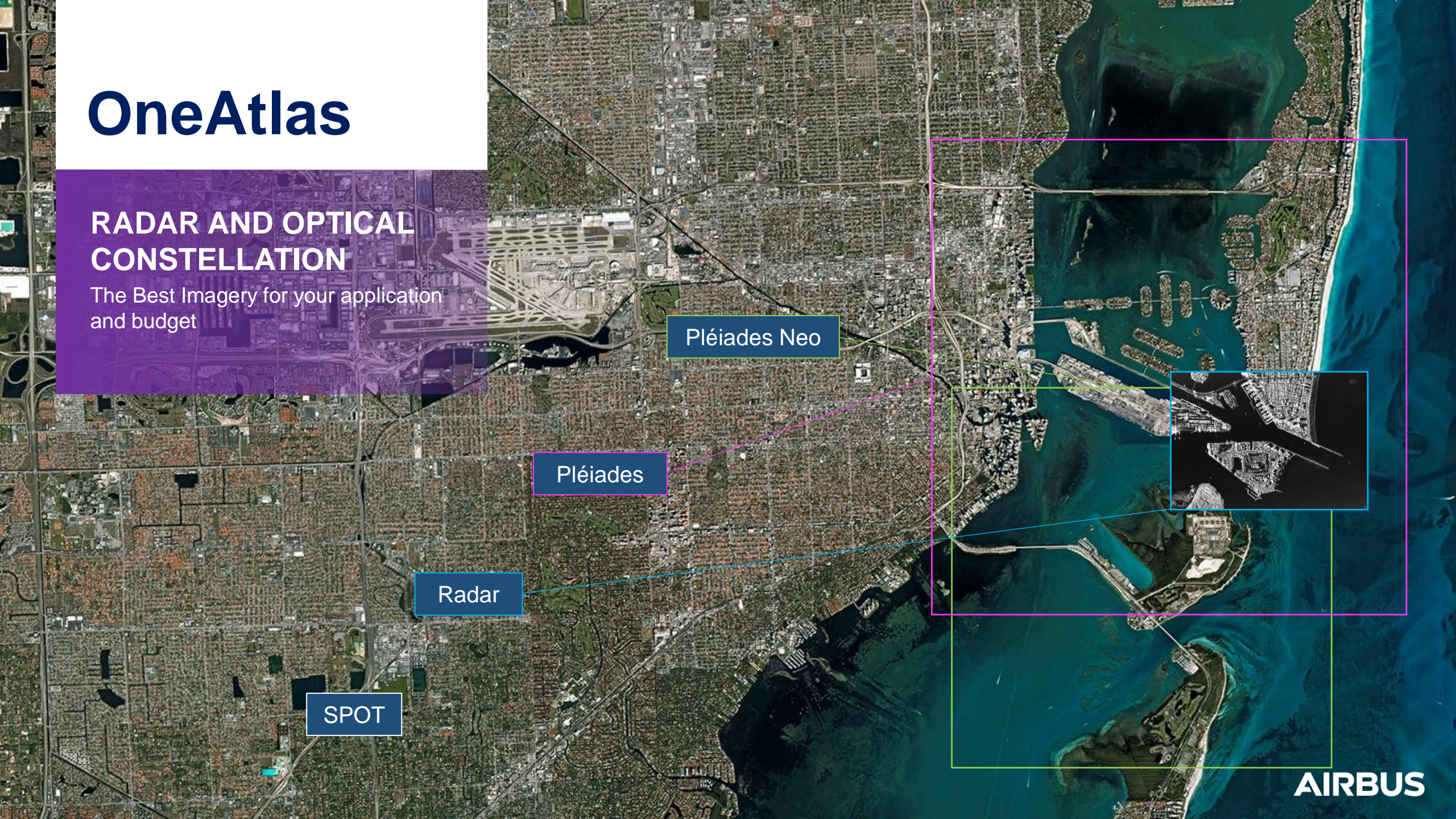
Pléiades Neo

Pléiades

Radar

SPOT

AIRBUS



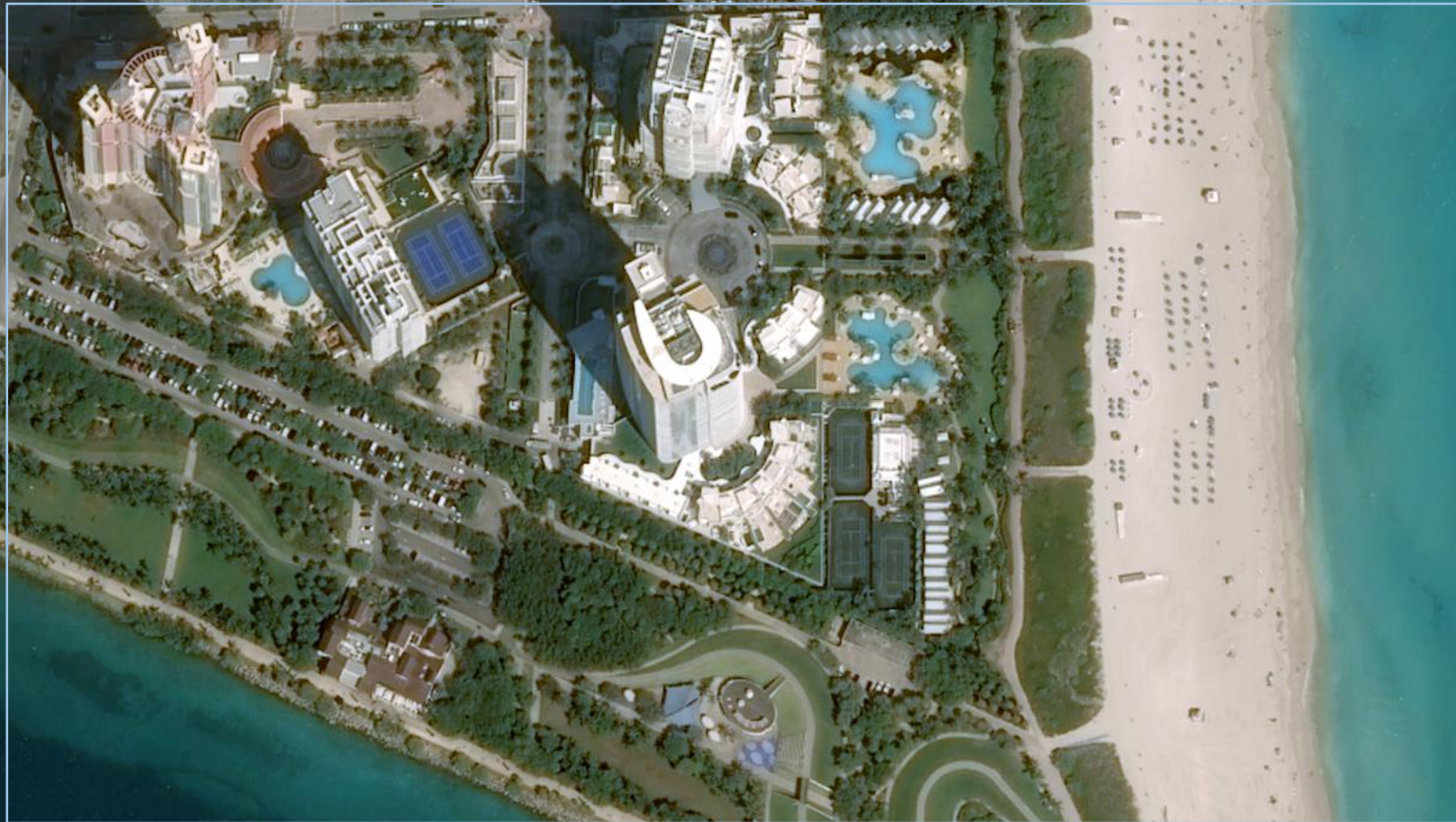
SPOT 6, 13 March 2023

1.5m resolution / 60 km swath



Pléiades, 13 March 2023

50cm resolution / 20 km swath



TerraSAR-X, 16 July 2023

25cm resolution / 4 km swath



Pléiades Neo, 13 March 2023

30cm resolution / 14 km swath



AIRBUS

Pléiades Neo, 13 March 2023

HD15



AIRBUS

PLÉIADES
NE



NEXT

USE CASE

BASEMAP FOR MAPPING OR FOUNDATION LAYER



Optical
global layer



Multi-resolution:
SPOT, Pléiades,
Pléiades Neo



Accuracy
<5m CE90



Freshness
of data



Updated
twice a year



Flexible delivery:
offline or online

USE CASE

TASKING FOR EMERGENCY



Emergency response



Frequent site monitoring



Multi-resolution



Intraday revisits



Worldwide coverage

USE CASE

TASKING FOR MONITORING



Up to 4 revisits per day



Frequent site monitoring



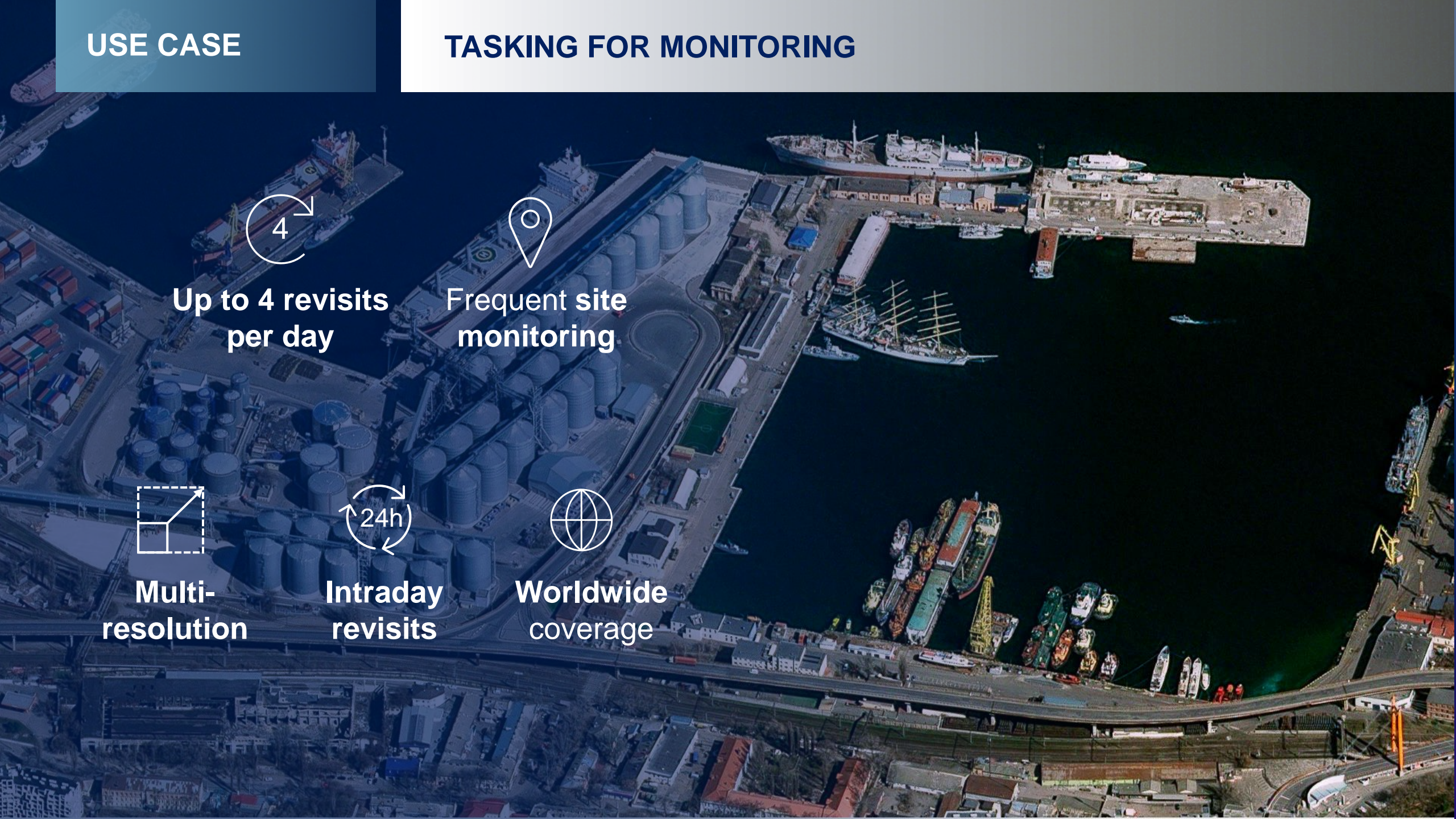
Multi-resolution

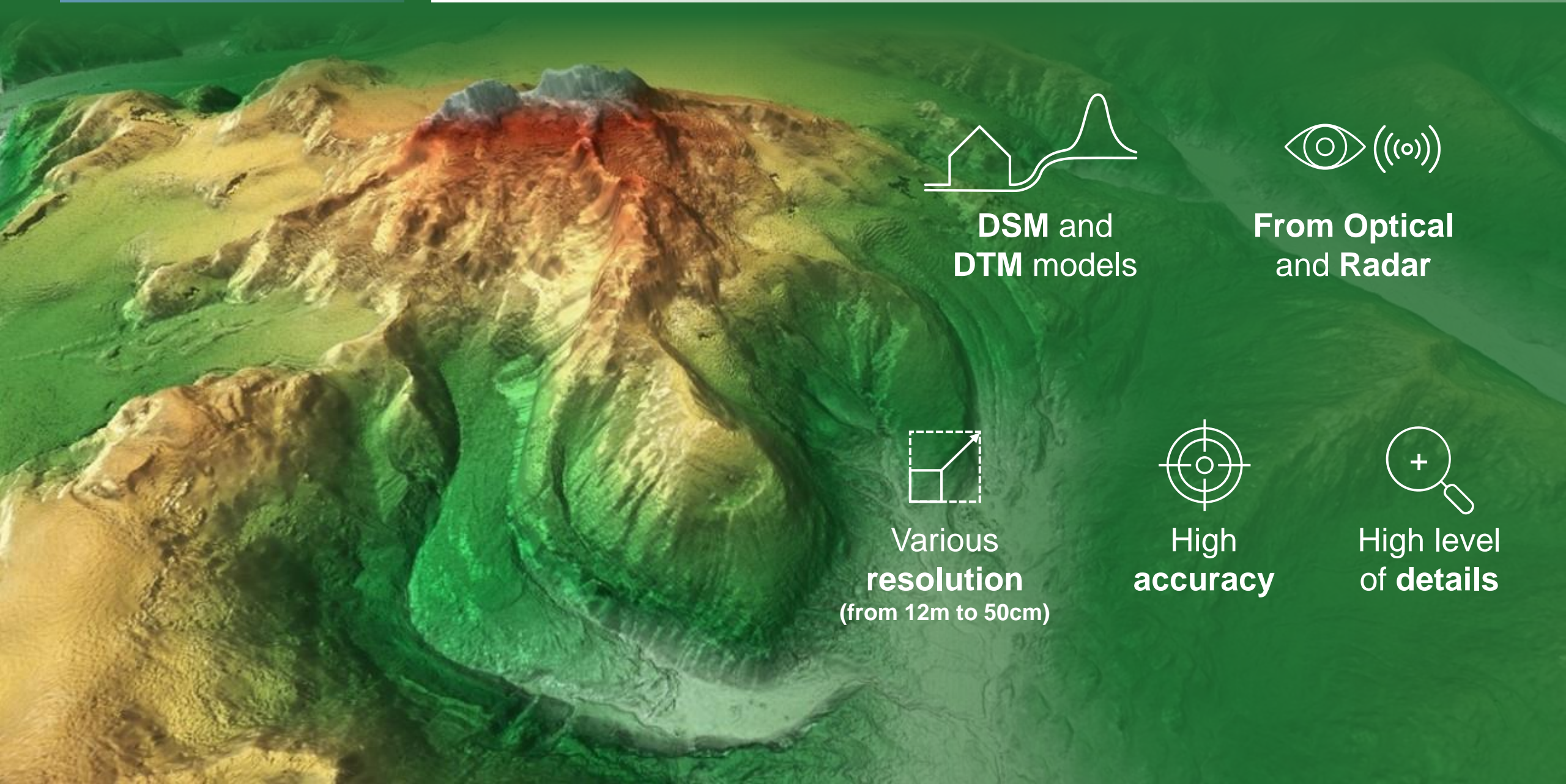


Intraday revisits



Worldwide coverage





**DSM and
DTM models**



**From Optical
and Radar**



**Various
resolution**
(from 12m to 50cm)



**High
accuracy**



**High level
of details**

Rotterdam, Netherlands

By Pléiades Neo HD15

Need more info?

Contact me: martin.pentier@airbus.com

Visit our website: intelligence.airbus.com

OneAtlas Free Trial



30 days - 500 €

AIRBUS