

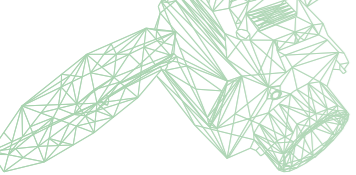
DEFENCE AND SPACE  
Intelligence

# Pléiades Neo

Trusted Intelligence



**AIRBUS**



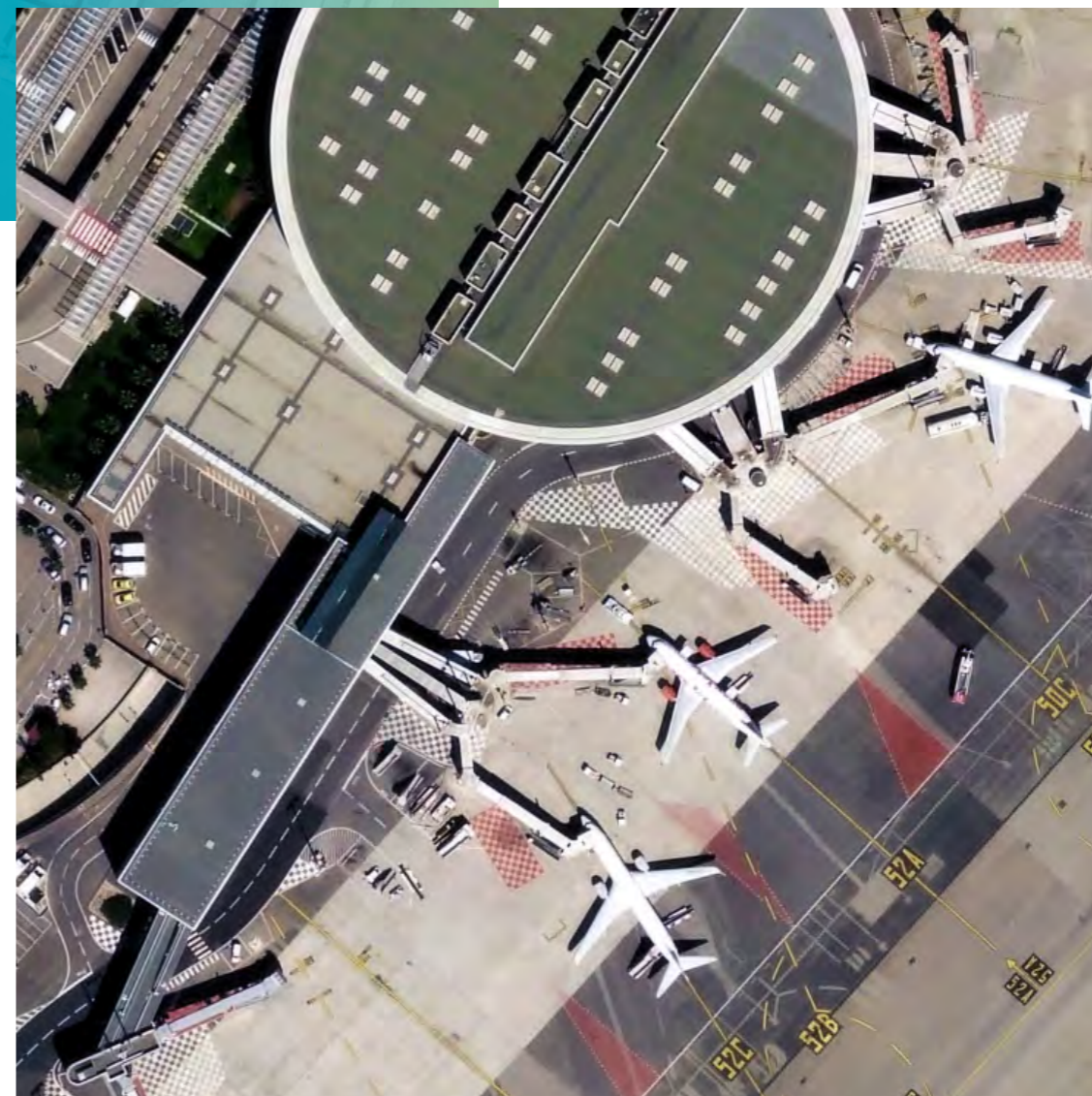
# The best of very high-resolution optical imagery for an unprecedented level of geospatial services

Precise detail, massive data and timeliness are more and more crucial in our constantly changing world.

From 2020, Pléiades Neo, Airbus' most advanced optical constellation, with four identical 30cm resolution satellites and optimum reactivity, will allow you to unleash the potential of geospatial applications and analytics.



Louvre Museum, Paris, France

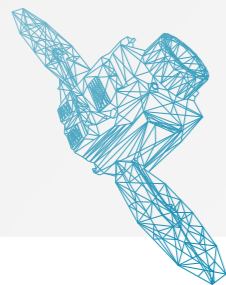


Nice Airport, France

# Intraday Revisit

## Key assets

- Highest commercial resolution combined with the most accurate geolocation
- Reactive tasking and rapid delivery
- Up to 2 million km<sup>2</sup> per day
- Mono, stereo and tri-stereo acquisition capability
- 100% commercial resource availability



## Benefits

- Information supplied in a drastically reduced timeframe
- Rapid coverage at regional scale
- Extensive monitoring
- Leverage our suite of analytics, for automatic detection and object identification

## Access

Benefit from immediate access to Pléiades Neo and the entire Airbus constellation, straight from your Direct Receiving Station or through our digital platform, OneAtlas.



# Ultimate Reactivity

# 30cm Resolution



## Technical Specifications



### Number of satellites

4 identical satellites in constellation



### Revisit frequency

Daily, anywhere (30° off-Nadir)  
Twice daily, anywhere (46° off-Nadir)



### Launch

2020



### Product resolution

30cm (GSD)



### Geolocation accuracy

<5m CE90



### Spectral bands

Deep Blue, Blue, Green, Red, Red Edge, Near-infrared, Panchromatic



### Dynamic range at acquisition

12 bits



### Acquisition capacity

Up to 2 million km<sup>2</sup> per day



### Swath

14km at Nadir



### Orbit

Sun-synchronous, 10:30a.m.  
Descending node, 620km altitude



### Mission lifetime

10 years