

DEFENCE AND SPACE
Intelligence

Pléiades Neo

Trusted Intelligence



AIRBUS

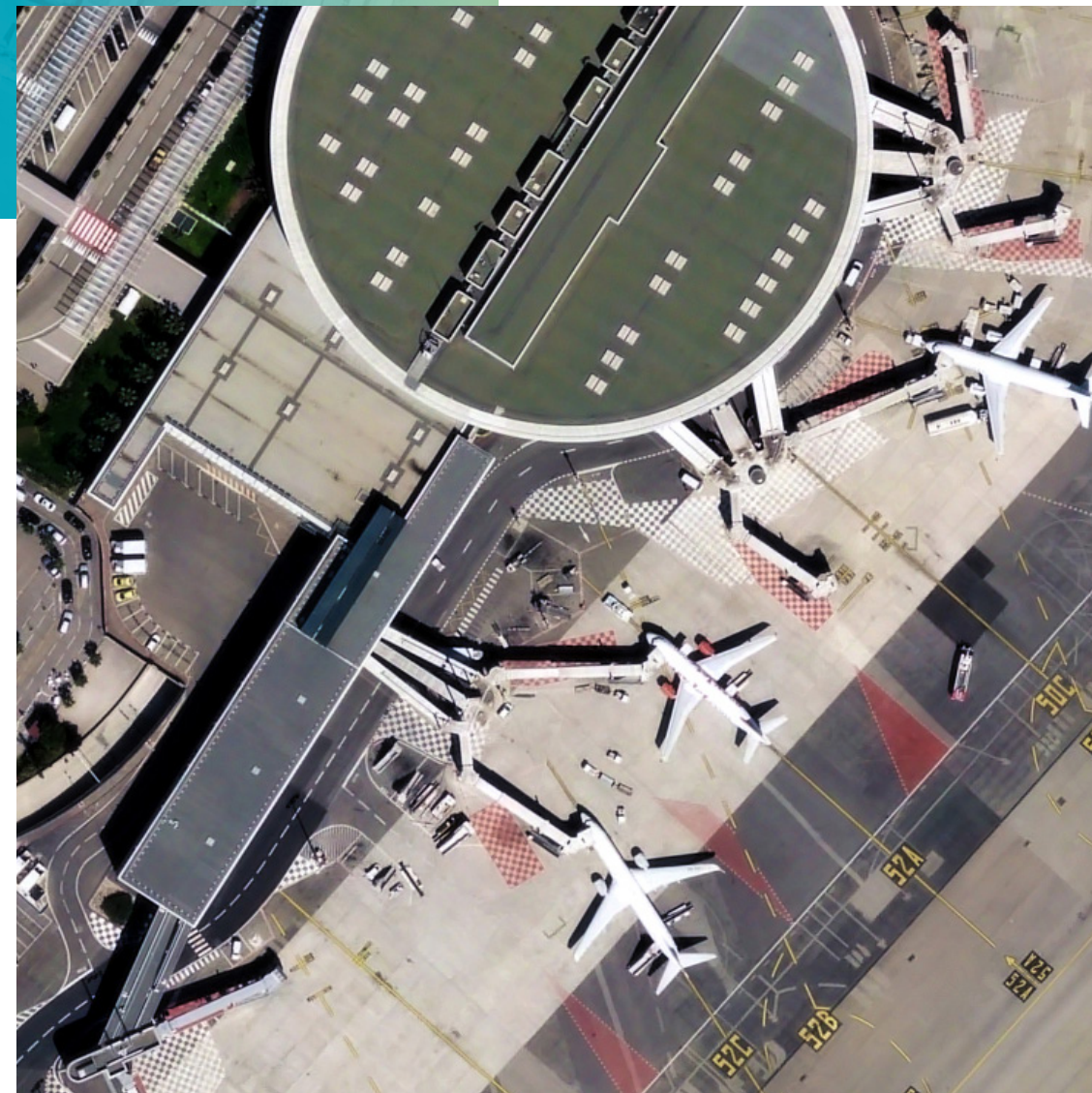
The best of very high-resolution optical imagery for an unprecedented level of geospatial services

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.



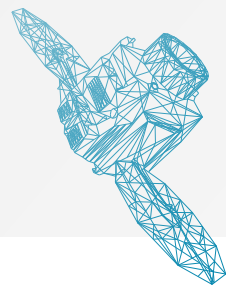
Louvre Museum, Paris, France



Nice Airport, France

Key assets

- **Highest commercial resolution combined with the most accurate geolocation**
- **Reactive tasking and rapid delivery**
- **Up to 2 million km² 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.



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 km² per day

**Swath**

14km at Nadir

**Orbit**

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

**Mission lifetime**

10 years