

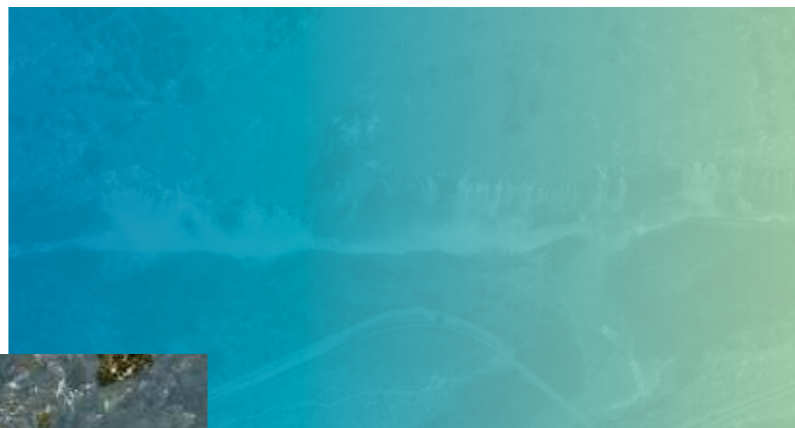
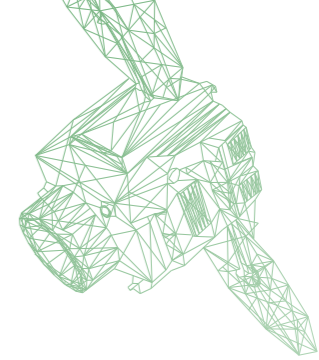
DEFENCE AND SPACE
Intelligence

Pléiades Neo

We are not just promising
the Earth, we are delivering it.



AIRBUS



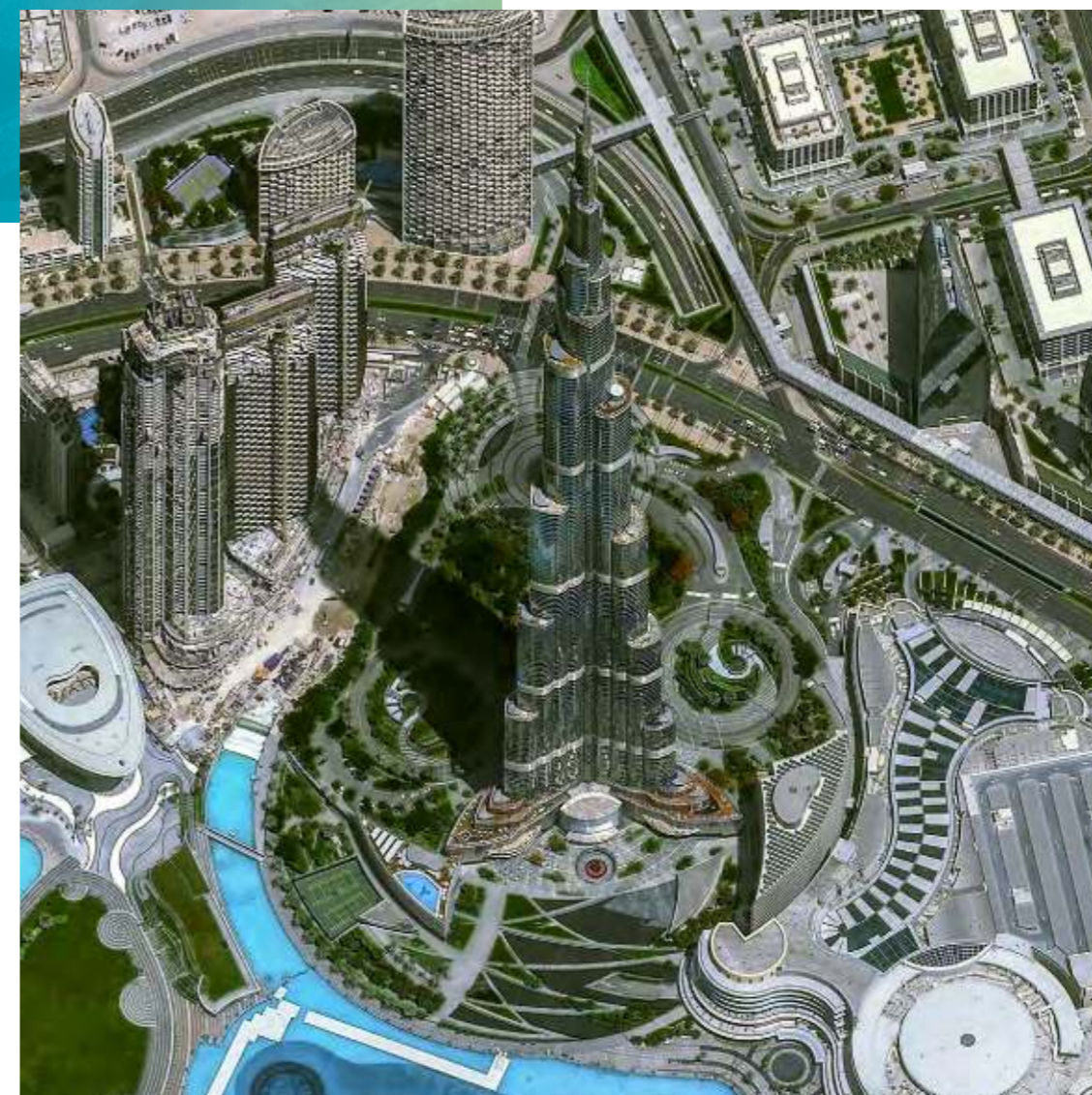
The best of very high-resolution optical imagery for an unprecedented level of geospatial services

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

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.



Victoria Falls, Zimbabwe

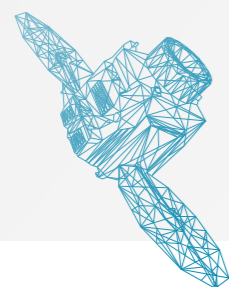


Burj Khalifa, Dubai

Intraday Revisit

Key assets

- Highest commercial resolution combined with the greatest geolocation accuracy
- 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.



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

2021–2022



Product resolution

30 cm (GSD)



Geolocation accuracy

3.5 m 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

14 km at Nadir



Orbit

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



Mission lifetime

10 years