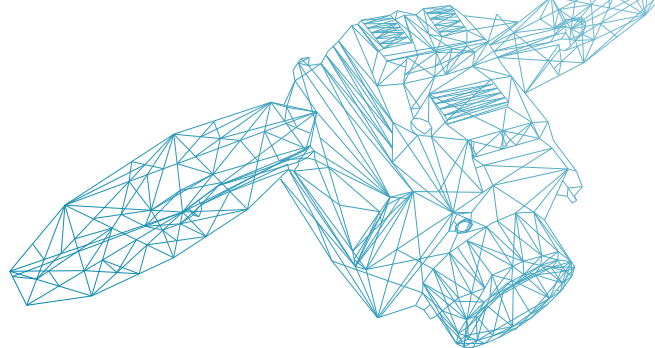


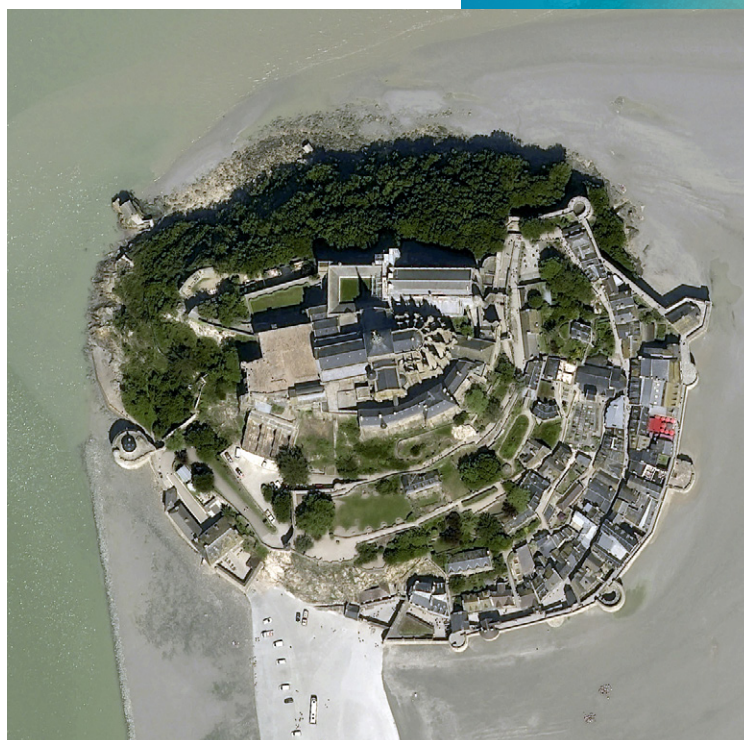
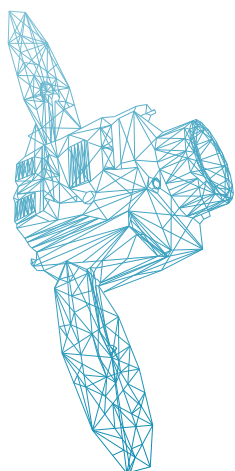
PLÉIADES NE



Any exciting project in mind ?



The Pléiades Neo Challenge is dedicated to experts in imagery and the scientific community. If you are using satellites images for your studies or projects, then you might be interested in using Pléiades Neo imagery data for your future project.



Mont Saint-Michel, France

Summary

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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.

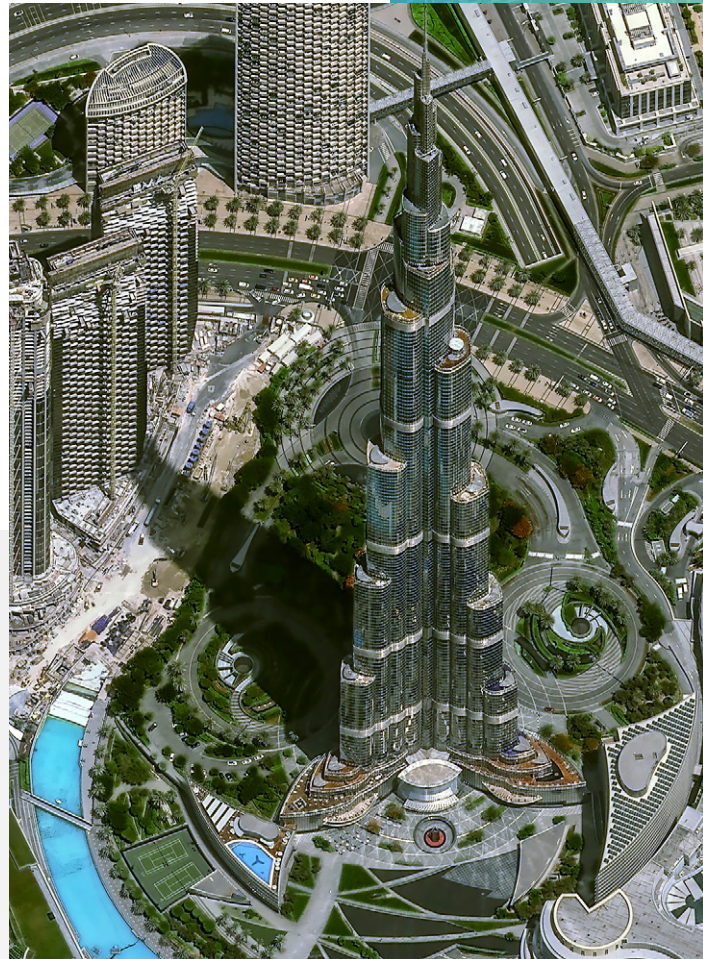
Pléiades Neo, Airbus' most advanced optical constellation, with four identical 30cm resolution satellites and optimum reactivity, will allow you to unleash the potential of geospatial applications and analytics.

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

- Rapid coverage at regional scale
- Extensive monitoring
- Leverage our suite of analytics, for automatic detection and object identification



Burj Khalifa, Dubai

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

**Dynamic range at acquisition**

12 bits

**Revisit frequency**

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

**Acquisition capacity**

Up to 2 million km² per day

**Launch**

2021–2022

**Swath**

14 km at Nadir

**Product resolution**

30 cm (GSD)

**Orbit**

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

**Geolocation accuracy**

3.5 m CE90

**Mission lifetime**

10 years

**Spectral bands**

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

30cm Resolution

Discover the Pléiades Neo Challenge

Wonderful way to discover Pléiades Neo 30cm resolution images !

Once you apply to this Challenge, our teams will select the most innovative projects across various application fields. If successful, you will then have access to our OneAtlas Platform to acquire Pléiades Neo images from the archive or through new tasking, thanks to an allocated budget dedicated to each project. We will collaborate to meet your needs and from this point, you can start discovering what Pléiades Neo imagery offers.

Unique way to use and test our images in real-life situations !

Over a few months, you can access our images according to your needs. Thanks to Pléiades Neo images, you can complete your projects, testing our images in real-life situations, enabling insight into different markets and the possibilities of their future commercial use.

A very special opportunity !

This project is fully collaborative, bringing benefits for you and for us as a business. Our goal is for you to explore new possibilities, thanks to your own expertise and creativity

Innovation
for imagery

Creativity for a
valuable project

Future
of commercial use



Product characteristics available for the Pléiades Neo Challenge

In your future OneAtlas account, you will access Pléiades Neo images thanks to the archive gallery and the tasking mode. Here are the different characteristics of imagery you can request for :

Acquisition mode

- Mono
- Stereo
- Tri-stereo

Production mode

Spectral bands combination

- **PANSHARPENED** (4-6 bands)
- **Multispectral** (3-4-6 bands)
- **BUNDLE** (panchromatic + 4 multispectral bands)
- **Full BUNDLE** (panchromatic + 6 multispectral bands)

Geometric level

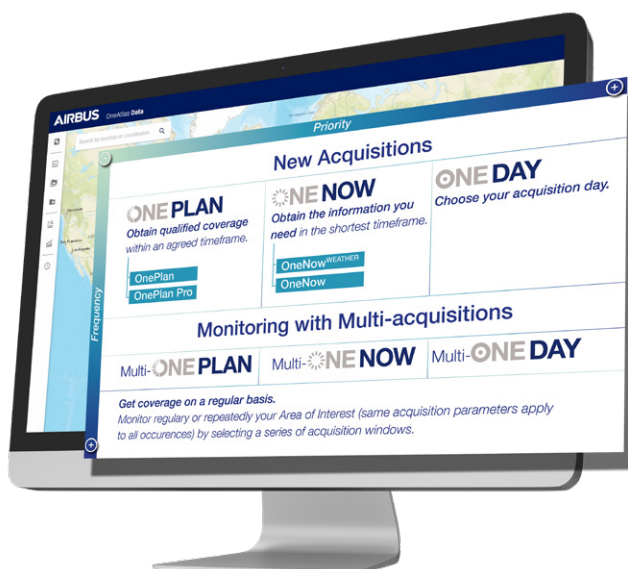
- Primary
- Projected
- Ortho

Radiometric level

- Basic
- Reflectance
- Display

OneTasking Services

In urgency, timely and detailed intelligence is essential, Pléiades Neo offers the highest system responsiveness, lowest latency and high volume data transfer



- Tailored to customer's mission
- Select the right tasking mode fitting with your objective
- 3 options*

Task what you want

When you want

With the criteria that matter for you

In full autonomy

*the priority and frequency of your request will determine the budget used on your allocated budget in OneAtlas.

Save the date!



Licence, Terms & conditions

To participate to the Pléiades Neo Challenge, you must:

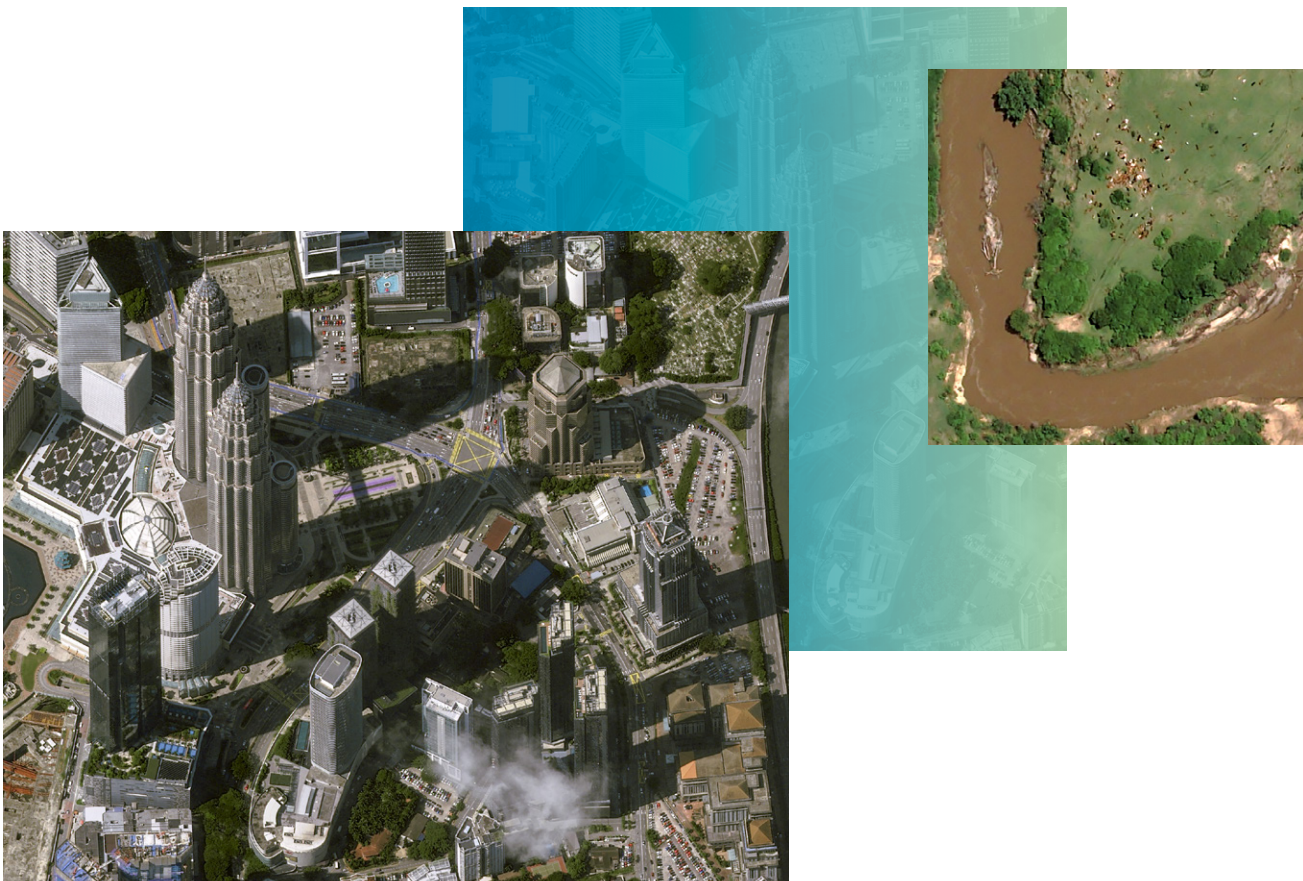
- Read and accept the dedicated licence
- Read and agree on all terms and conditions

APPLY NOW !
on our website !



You must fill in the Google form to submit your project and participate to the selection.

www.intelligence-airbusds.com/newsroom/news/pleiades-neo-challenge



Any question?

Feel free to contact intelligence-pleiades-neo-challenge@airbus.com if you have any question or issue to submit your project.

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www.intelligence-airbusds.com/newsroom/news/pleiades-neo-challenge