



Geo-Intelligence

Pléiades
Spot the Detail

Pléiades Imagery

Detailed & Precise

The Pléiades constellation provides colour products at 50 centimetres that deliver an extremely high level of detail. These products' location accuracy and excellent image quality make them the ideal solution for precision mapping.

Fast & Frequent

Designed for civil and military users, the Pléiades system is especially suited for emergency response and change detection.

- The phased orbits of the constellation's satellites offer a daily revisit to any point on the globe
- Three satellite work plans per day enable easy handling of last-minute tasking requests
- Users can access the Pléiades portal independently at any time to request fresh imagery, search the archive or consult a geo-information expert

Pléiades Benefits

- 50cm data over 20km swath
- Data delivery in record time
- Guaranteed capacity
- Daily revisit

Available & Flexible

Pléiades' acquisition capacity and exceptional agility maximise the number of images of a given area of interest, so more requests can be satisfied on the same pass.

Image acquisition is tailored closely to requirements, whatever the scenario (small targets close together, large areas up to 100km x 100km, stereo or tri-stereo acquisitions, or linear features such as coastlines, borders or pipelines).



The Automated Tasking Service allows for easy and quick ordering of new data over small AOIs that will be reliably acquired and delivered.

In the Tailored Tasking Service, a detailed study ensures the service is perfectly tailored to satisfy the individual customer's needs (emergency, large area, stereo acquisition, time series, etc.), with the care and the follow-up of a dedicated tasking expert.

For extreme reactivity needs, the Instant Tasking Service gives access to a top level of priority, on line, 24/7. The area of interest is acquired with the next satellite pass and delivered fully automatically, any time, any day.

Offering an ideal trade-off between coverage, resolution and speed, Pléiades products are especially useful for applications in defence, civil protection, hazard management, urban mapping, precision agriculture and network and infrastructure administration.

Products	<ul style="list-style-type: none"> • Panchromatic: 50cm • Multispectral: 2m • Colour: 50cm (merge) • Bundle: 50cm panchromatic; 2m multispectral
Revisit rate	<ul style="list-style-type: none"> • Daily (constellation)
Spectral bands	<ul style="list-style-type: none"> • P: 470 – 830nm • Blue: 430 – 550nm • Green: 500 – 620nm • Red: 590 – 710nm • Near-infrared: 740 – 940nm
Swath width	<ul style="list-style-type: none"> • 20km
Tasking	<ul style="list-style-type: none"> • Work plan updated every 8 hours
Processing levels	<ul style="list-style-type: none"> • Primary (1A), Ortho (automatic), or Tailored Ortho