

Astrium Services

**PLÉIADES**  
Spot the Detail





## Pléiades Imagery

### Detail & Precision

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

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

### 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 an 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.

## Pléiades Benefits

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

<b>Products</b>	Panchromatic: 50cm Multispectral: 2m Colour: 50cm (merge) Bundle: 50cm panchromatic; 2m multispectral
<b>Revisit rate</b>	Daily (constellation)
<b>Spectral bands</b>	P: 470 – 830nm Blue: 430 – 550nm Green: 500 – 620nm Red: 590 – 710nm Near-infrared: 740 – 940nm
<b>Swath width</b>	20km
<b>Tasking</b>	Work plan updated every 8 hours
<b>Processing levels</b>	Primary (1A), Ortho (automatic), or Tailored Ortho

Authorized Reseller



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