

An aerial photograph of a city, likely Dubai, showing a dense urban area with many skyscrapers and a large body of water. A specific area in the lower right quadrant is highlighted in a bright blue color. The text 'PLÉIADES' is written in large, bold, white capital letters, and 'Spot the Detail' is written in smaller, white capital letters below it. An orange vertical bar is positioned to the left of the text.

PLÉIADES

Spot the Detail

All the space you need





Pléiades Imagery

Detail & Precision

The Pléiades constellation provides color imagery products at a resolution of 50 centimeters and with an extremely high level of detail. The excellent quality of these images 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 maximize 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 100 km x 100 km, 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, online, 24/7. The area of interest is acquired with the next satellite pass and delivered automatically, any time, any day.

Offering an ideal combination of coverage, resolution and speed, Pléiades products are especially useful for applications in defense, civil protection, hazard management, urban mapping, precision agriculture and network and infrastructure administration.

Pléiades Benefits

- 50cm products, 20km swath
- Data acquired & delivered in record time
- Guaranteed capacity
- Daily revisit

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

ASTRIUM GEO-Information Services

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