



PLÉIADES

Spot the detail

All the space you need



Pléiades Imagery

Detail and Precision

The Pléiades constellation provides colour products at a resolution of 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 to emergency response.

- the phased orbits of the constellation's satellites offer daily revisits to any point on the globe
- three satellite work plans a 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 geoinformation service

Flexible

Pléiades' acquisition capacity and exceptional agility maximize the number of images of an 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 sq.km, stereo or tri-stereo acquisition, or linear features such as coastlines, borders or pipelines).

- in standard tasking mode, images are acquired and delivered within 30 or 60 days
- in custom tasking mode (emergency, large area, stereo acquisition, time series, etc.), a detailed study ensures service is tailored to your exact needs

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 management.

Pléiades Benefits

- guaranteed capacity
- data delivery in record time
- optimal coverage of area around a target

Products	Colour: 50 cm (merge) Bundle: 50-cm panchromatic; 2-m multispectral
Location accuracy	4.5 m CE90 without ground control points, with refined ephemeris data
Revisit rate	Daily (constellation)
Spectral bands	P: 480 – 830 nm Blue: 430 – 550 nm Green: 490 – 610 nm Red: 600 – 720 nm Near-infrared: 750 – 950 nm
Swath width	20 km
Tasking	Work plan updated every 8 hours
Pre-processing	Standard (1A) Ortho (automatic)

ASTRIUM GEO-Information Services

Australia, Brazil, China, France, Germany, Greece, Hungary, Japan, Singapore, Spain, United Kingdom, United States.

E. info@astrium-geo.com

www.spotimage.com

