



Astrium Services

**SPOT**  
Accuracy and Coverage Combined

Together pioneering excellence





# SPOT Imagery

## Meeting Multiscale Requirements

SPOT Imagery offers an optimum combination of resolution and coverage. A single SPOT scene covers a footprint of 3,600 km<sup>2</sup> at resolutions of 20 m to 2.5 m, with a location accuracy until 10 m. Such precise, synoptic coverage is ideal for applications at regional and local scales from 1:100 000 to 1:10 000.

## Global Coverage When and Where you Need it

The SPOT satellites have built up a global archive of millions of images since 1986. This archive is a vast storehouse of recent and historical data for multidecade analysis.

The SPOT satellites can also be tasked to meet your specific time and place requirements. Astrium's programming service ensures your needs are effectively addressed at every step, from requirements analysis and satellite tasking proposals through to image validation and regular assessment of attempted image acquisitions.

## Fast Delivery

The SPOT constellation offers the capability to acquire imagery of any point on the globe, every day. The imagery is processed and posted on line within hours of acquisition and delivery.

## A Cost-Effective Solution for a Broad Spectrum of Applications

Whether you are looking to cover large areas or target specific sites, SPOT Imagery is often the most economical and effective solution. Depending on the level of resolution you require, images at standard resolution start at € 0.3 per km<sup>2</sup>.

SPOT Imagery is an established basemap source ideal for updating your project databases. It delivers added value for many applications, especially for mapping, defence, urban planning, telecommunications network planning, crop management and environmental monitoring.

## What you get with SPOT Imagery

- optimal combination of resolution, coverage and accuracy
- tailored to multiscale requirements
- global coverage when and where you need it (global archive and recent imagery, custom tasking service)
- accurate orthoimagery guaranteed by Reference3D database
- fast product delivery
- cost-effective solution for a broad spectrum of applications
- ...and looking ahead, SPOT 6 and SPOT 7

## SPOT Features

<b>Products</b>	Panchromatic : 2,5 m - 5 m - 10 m Multispectral : 2,5 m - 5 m - 10 m - 20 m
<b>Spectral bands</b>	P (panchromatic) ; B1 (green) ; B2 (red) ; B3 (near infrared) ; B4 (SWIR : short-wave infrared, for SPOT 4 and 5)
<b>Footprint</b>	60 km x 60 km
<b>Revisit interval</b>	2 to 3 days 1 day with full constellation of Spot satellites
<b>Tasking</b>	Yes, standard or priority
<b>Global archive</b>	> 20 million images since 1986
<b>Viewing angle</b>	Cross-track : +/- 27° Forward / backward stereoviewing with SPOT 5
<b>Location accuracy</b>	< 30 m (1σ) with Spot 5 < 350 m (1σ) with Spot 1 to 4 Ortho products : < 10 m (1σ) with Reference3D database Otherwise, dependent on quality of ground control points and DEM
<b>Preprocessing levels</b>	1A, 1B, 2A, 2B, Ortho

**ASTRIUM**  
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