



PACGEO

For info, please contact:
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SKYSAT SOLUTIONS OVERVIEW

Planet's SkySat constellation powers the most transparent, scalable platform for high-resolution, high-revisit satellite imagery available. Organizations who need real-time, accurate views of rapidly changing ground conditions gain intelligence and visibility on their own terms. Planet's ~15 SkySats can revisit and point on Earth twice a day at .50 m spatial resolution, a higher frequency than any other commercial satellite imagery provider. Organizations can acquire imagery on-the-fly, levelling the playing field for capturing insights over hot spots and remote geographies.

SOLUTIONS



Monitoring

Monthly, weekly, daily, or sub-daily revisit over your areas of interest

Areas will be collected until cloud cover requirements are met



Tasking

Accelerate decision cycles with standard (one-time) collection or flexible (on-the-fly) collections over your areas of interest

Areas will be tasked until cloud cover requirements are met or program duration ends



Archive

Access to the full SkySat archive - 10M+ square kilometers captured since 2014

Archive imagery available for online viewing in Planet Explorer



Basemaps

Complete, seamless, and precise mosaics built with high-resolution, sub-daily imagery over your area and time of interest

Basemaps are custom built to your needs

ADVANTAGES



Very high resolution

Discriminate ultra-fine details with .50 m spatial resolution imagery to gain the best analytical context for decisions



Tip and cue

Integrate Planet's always-on, PlanetScope Monitoring for reliable, broad context to efficiently gauge needs for high-resolution imagery



Rapid delivery

Act on information quickly with publication times offered up to 3 hours from capture

PLANET TASKING OFFERINGS

Standard Tasking

Customer defines area(s) of interest, which Planet will image until < 15% cloud cover is achieved

Imagery published within < 10 hours of collection

Collection area, time period, and other specifications subject to feasibility.

Flexible Tasking

Flexible offering where customers purchase capacity upfront to task on-the-fly imagery over their regions of interest. Multiple cloud cover options available.

Imagery published within < 10 hours of collection

Collection area, time period, and other specifications subject to feasibility.

COLLECTION TYPES



Standard

Point and strip up to 500 sq km



Stereo Pairs

Multiple collections for 3D modelling



Video

Pan video up to 120 seconds

IMAGERY PRODUCT SPECIFICATIONS

	Basic Scene	Ortho Scene & SkySat Collect		
Ground sample distance	Panchromatic, Multispectral: 0.65 m	Panchromatic, Multispectral: 0.50 m		
Pixel Resolution	N/A	Analytic, Analytic DN, Panchromatic DN, Visual, Pansharpened Multispectral: 0.50 m		
Spectral Bands	Blue: 450 - 515 nm Green: 515 - 595 nm	Red: 605 - 695 nm	NIR: 740 - 900 nm	Pan: 450 - 900 nm
Bit depth	16-bit	Analytic DN; Analytic; Panchromatic DN; Pansharpened Multispectral: 16-bit Visual: 8-bit Unsigned Integer		
Geometric precision	< 50 m RMSE	< 10 m RMSE		
File structure	Image File - GeoTIFF format Metadata File - JSON format Rational Polynomial Coefficients - Text File (Basic only) UDM File - GeoTIFF format			
Radiometric conversion	Analytic product - Absolute Radiance derived using vicarious calibration methods. Radiometrically calibrated to radiance units and scaled by 100 to reduce quantization errors			
Revisit time	Nadir: 28 days per spacecraft; sub-weekly per constellation Off-Nadir: sub-weekly per spacecraft; intra-daily per constellation			



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LET'S TALK

We're Here to Help!

Get support for Planet Tasking
support.planet.com

Contact Us

Learn how Planet can help you
turn data to actionable insights
go.planet.com/getintouch

Learn More

www.planet.com