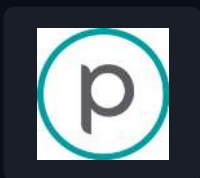


NEWSPACE MARKET · COMPANY PROFILE



Planet Labs PBC

United States · founded 2010 · planet.com

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PRODUCTS

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SERVICES

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WITH DATASHEETS

newspacemarket.com/companies/planet-labs/

as of 27 August 2026

Planet Labs PBC

Planet Labs PBC was founded in 2010 by former NASA scientists Will Marshall, Robbie Schingler, and Chris Boshuizen with the mission to image the entire surface of Earth every day and make the data available for positive impact. The company launched its first satellites in 2013 and has since grown into one of the world's largest commercial Earth observation operators, with a constellation of more than 200 active satellites across multiple platforms including Dove, SkySat, and Pelican. The Dove constellation — composed of 3U CubeSats — provides daily global coverage at approximately 3.7 meter ground resolution, enabling monitoring of land use change, agricultural productivity, deforestation, and disaster impacts at planetary scale. SkySat provides higher resolution imagery at 50 cm GSD with tasking capability for defense, infrastructure, and intelligence applications. The Pelican generation, beginning deployment in 2023–2024, dramatically improves collection capacity and revisit rates with advanced optics and onboard processing. Planet's Planet Platform analytics layer allows customers to query Earth observations through APIs and dashboards rather than handling raw imagery directly — enabling applications in precision agriculture, financial analytics (tracking commodity flows, port activity, and industrial sites), environmental monitoring, and national security. The company went public on NYSE via SPAC merger in December 2021 and serves customers across commercial, government, and nonprofit sectors in more than 40 countries.

This profile is generated from the live NewSpace Market catalogue. Specifications are as published by the manufacturer; every product links to a page where a request for quotation reaches the company directly.

SERVICES

Services

3D Models and DEM Construction

Planet offers stereo collection for the construction of 3D models and Digital Elevation Models (DEMs) for volumetric analysis.

Data and Imagery Access via APIs

Planet offers APIs to integrate its data and imagery directly into existing customer workflows, enhancing operational efficiency.

Planet Select portal

The Planet Select portal offers quick, pay-as-you-go access to satellite imagery for ad-hoc projects, powered by partners at SkyFi.

Planet Tasking

Planet Tasking provides near-real-time intelligence through high-resolution satellite imagery, enabling proactive identification of blind spots and anticipation of events.

Tasking Dashboard

The Tasking Dashboard provides a scalable and flexible solution for ongoing satellite imagery projects, using tasking credits for automated requests and delivery.

Product catalogue



PLANET LABS PBC

Broad Area Management

Planet's Broad Area Management combines daily satellite monitoring with high-resolution imagery, data, and analytics to help identify known and unknown changes across large geograp

price on request



PLANET LABS PBC

Commercial Satellite Imagery with Planet

Unlock unparalleled insights with Planet's commercial satellite imagery, utilizing real-time data to drive innovation and make informed decisions.

price on request



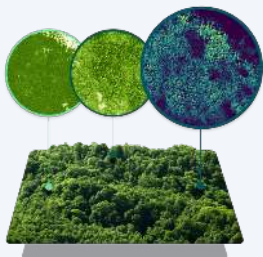
PLANET LABS PBC

Dove Satellite

3U CubeSat Earth observation platform — daily global coverage at 3.7 m GSD, massive constellation of 150+ satellites, RGBN multispectral imaging for monitoring at planetary scale.

Form factor	3U CubeSat (~4 kg)
Orbit	Sun-synchronous, ~475 km
Ground resolution	3–4 m GSD
Spectral bands	R, G, B, NIR (multispectral)
Revisit rate	Daily global coverage
Constellation size	150+ active satellites
Swath width	~24 km

price on request



PLANET LABS PBC

Forest Carbon

Forest Carbon is a global dataset of aboveground forest carbon, tree height, and canopy cover estimates to easily analyze every hectare of forest and woodland, anywhere on Earth.

Update Frequency	Quarterly
Archive	Back to 2021
Granularity	3m and 30m datasets
Forest Carbon Diligence Product	From 2013 at 30m resolution
Archive Access	
Forest Carbon Monitoring Product	Quarterly at 3m resolution
Updates	

price on request



PLANET LABS PBC

Pelican

Pelican is a constellation of satellites designed for rapid, responsive, and resilient Earth observation.

price on request



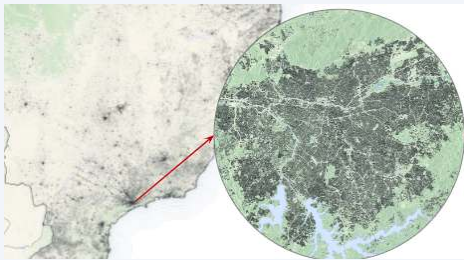
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Pelican Satellite

Next-generation high-resolution Earth observation satellite — sub-meter imagery, higher capacity than SkySat, rapid tasking, designed for defense and commercial high-frequency monitoring

Ground resolution	Sub-meter GSD
Spectral bands	Multispectral (B, G, R, NIR) + panchromatic
Collection capacity	Greater than SkySat per satellite per day
Tasking	Rapid customer-programmable via Planet API
Applications	Defense, intelligence, infrastructure, high- frequency monitoring

price on request

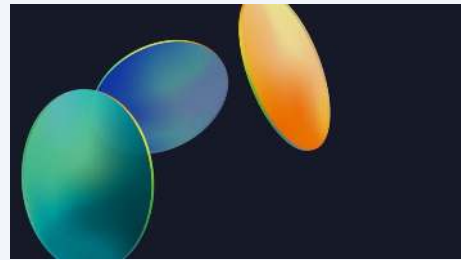


PLANET LABS PBC

Planet Analytic Feeds

Harness the power of high cadence, global imagery with Planet's automated, cloud-based Analytic Feeds, transforming daily imagery into actionable insights.

price on request

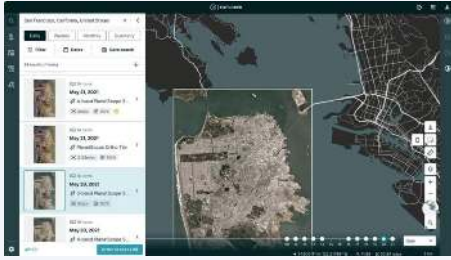


PLANET LABS PBC

Planet Insights Platform

Planet Insights Platform is your centralized, cloud-native, broad-area-management destination for daily Earth data and analytics, offering global, always-on monitoring.

price on request



PLANET LABS PBC

Planet Monitoring

Planet Monitoring provides high-frequency, global coverage satellite imagery and monitoring, enabling users to observe areas of geographic interest, discover patterns, track infras

Resolution	3.7 meter
Spectral Bands	RGB and Near Infrared
Coverage	Global landmass, over 300 million sq km daily
Revisit Rate	Near-daily
Archive	Dating from 2009

price on request



PLANET LABS PBC

Planet Mosaics

Power your applications and analytics with seamless mosaics built from the most recent satellite imagery from around the world.

price on request



PLANET LABS PBC

Planet Professional Services

Planet Professional Services help you rapidly deliver results, accelerate your time to value, maximize your ROI, innovate quicker, and unlock the full potential of the Planet Platf

price on request

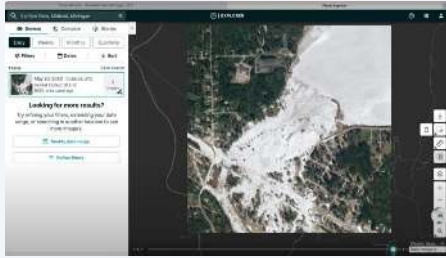


PLANET LABS PBC

Planet SuperRes

Planet SuperRes sharpens 3m pixels into high-definition 2m imagery, making small-scale objects and textures visible for the first time in a near-daily monitoring stream, designed s

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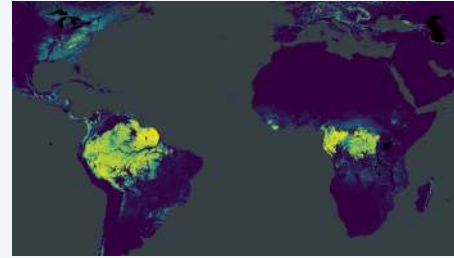
PLANET LABS PBC

Planet Tasking

Planet Tasking provides organizations with near-real-time intelligence through high-resolution satellite imagery at 50 cm resolution, enabling proactive identification of blind spots.

Resolution	50 cm
Delivery Time	Less than four hours from capture
SkySat Satellites	~15
SkySat Bands	RGB, NIR, and Pan
Pelican Resolution	30 - 50 cm class
Pelican Bands	Panchromatic and 6 multi-spectral
Pelican Downlink	Up to 10 Gbps

price on request



PLANET LABS PBC

Planetary Variables™

Planetary Variables™ deliver continuous, scientifically rigorous data that measures the changing conditions of the surface of the Earth, drawing on observations from Planet's satellites.

price on request



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RapidEye® Constellation and Sensor Overview

RapidEye was a constellation of five satellites that operated from 2009 to 2020, providing imagery with approximately 5 meters per pixel resolution.

price on request



PLANET LABS PBC

Satellite Imagery Analytics

Planet provides geospatial insights at the speed of change, equipping organizations with the data necessary to make informed, timely decisions.

PlanetScope Bands	8 (RGB, NIR)
PlanetScope Pixel Resampled	3 m
PlanetScope Radiometric Resolution	Visual: 8 bit; Analytic: 16 bit
PlanetScope Positional Accuracy	< 10 M RMSE
SkySat Bands	5 (RGB, NIR, pan)
SkySat Pixel Resampled	Visual, panchromatic, pansharpened multispectral: 0.5m
SkySat Radiometric Resolution	Visual: 8 bit; Analytic, panchromatic, and pansharpened multispectral: 16 bit

price on request

[datasheet](#)



PLANET LABS PBC

SkySat Satellite

High-resolution optical microsatellite — 50 cm GSD panchromatic / 1 m multispectral, tasking capability, 90-second video mode, for defense, intelligence, and commercial high-resolu

Platform class	Microsatellite (~110 kg)
Orbit	~450 km, mixed inclinations
Panchromatic resolution	50 cm GSD
Multispectral resolution	~1 m GSD (B, G, R, NIR)
Video mode	Up to 90-second clips
Daily revisit	Up to 12× per day over any location
Constellation	21 satellites

price on request



PLANET LABS PBC

Technical Support

Planet Labs offers flexible and comprehensive technical support services to help customers succeed with their geospatial data endeavors, ranging from online resources to dedicated

price on request

Contact Planet Labs PBC

Open the company profile on NewSpace Market to see full specifications and datasheets, and to send a request for quotation that reaches the manufacturer directly.

<https://newspacemarket.com/companies/planet-labs/>

<https://www.planet.com>

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