



PLANET BASEMAPS

Map and analyze with confidence

Leveraging cutting-edge software upon imagery from the world's largest satellite constellation, Planet transforms raw pixels into visually consistent and scientifically precise mosaics over broad areas. The result is Planet Basemaps - the most current, complete, and analysis ready basemaps in market available.

“Building on top of Planet’s world-class imagery infrastructure enables us to offer unprecedented field-level Intelligence that cannot be found elsewhere.”

GEOPLEX

THE ‘RECENT & READY’ ADVANTAGE

Planet Basemaps empowers customers with a timely, visually consistent, and objective “source of truth” for insights over broad areas and diverse geographies.



Current



Complete



Analysis-Ready



Efficient Delivery

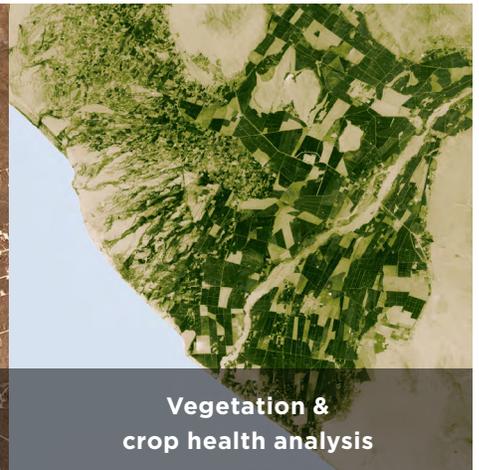
DIVERSE USE CASES



Mapping & geospatial applications



Asset & infrastructure monitoring



Vegetation & crop health analysis

BUILT FOR YOUR BUSINESS

Planet Basemaps are offered in a variety of formats and can be customized to your areas of interest and frequency of delivery.

 <p>Automated</p> <ul style="list-style-type: none"> • Optimized for clarity and consistency • Ideal for mapping backdrops • Seasonal 	 <p>Timelapse</p> <ul style="list-style-type: none"> • Optimized for visual analysis over time • Ideal for change detection and contextual information • Annual, quarterly, or monthly 	 <p>Enhanced and Hi Res</p> <ul style="list-style-type: none"> • Optimized for premium visual quality • Custom built to your needs • On-demand 	 <p>Surface Reflectance</p> <ul style="list-style-type: none"> • Optimized for pixel accuracy • Ideal for time-sensitive, quantitative analysis • On-demand
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SPECIFICATIONS

	Automated	Timelapse	Enhanced & Hi Res	Surface Reflectance
Constellations	PlanetScope & RapidEye	PlanetScope & RapidEye	PlanetScope, RapidEye, or both	PlanetScope
Pixel Size	4.77 m at the Equator	4.77 m at the Equator	4.77 m (hybrid PlanetScope + RapidEye) 5 m (RapidEye only)	4.77 m
Bands	Red, Green, Blue, Alpha	Red, Green, Blue, Alpha	Any band combination	Near Infrared, Red, Green, Blue, Alpha
Bit Depth	8	8	8 or 16	16
Projection	WGS84 Web Mercator (EPSG:3857)	WGS84 Web Mercator (EPSG:3857)	WGS84 Web Mercator (EPSG:3857)	WGS84 Web Mercator (EPSG:3857)
Positional Accuracy	< 10 m RMSE			
Pixel Traceability	Yes			
Access	<ul style="list-style-type: none"> • GeoTIFF file delivery • Web service access via WMTS or web tiles 			

GET STARTED

Get a free 14-day trial of Planet Basemaps at planet.com/basemaps-trial

LET'S TALK

We're Here to Help!

Get support for Planet Basemaps
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