planet.

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PLANET ANALYTIC FEEDS
Identify. Detect. Analyze.

Many companies that leverage satellite imagery are overwhelmed by the volume of data, which delays relevant insights. Meanwhile, most of the imagery is outdated by the time it's received, provides an incomplete dataset, and can't power timely, data-driven decisions.

Planet Analytic Feeds leverages machine learning and computer vision techniques to extract critical objects and features from Planet imagery, providing customers with deeper insights at a higher frequency than ever before.

ROAD DETECTION

Upgrade your workflows with monthly road layers at scale, empowering you to update maps, track road development, and improve routing of resources.

BUILDING DETECTION

Get monthly building detections at scale, empowering you to update maps, track construction, and monitor land use and enforce permitting.

VESSEL DETECTION

Enhance maritime datasets with daily vessel detection in ports and coastal areas. Observe patterns of life, detect illegal activities, and quantify economic activity.

BENEFITS

Establish trends
Leverage historical data to understand baselines
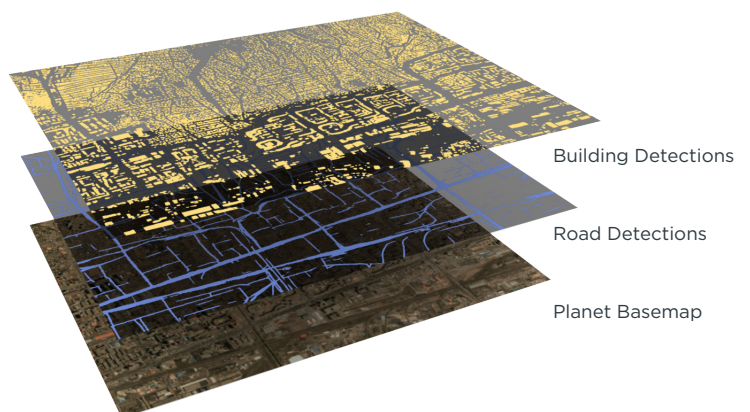
Monitor for anomalies
Get the earliest signal for unusual or unexpected activity

Mitigate risk
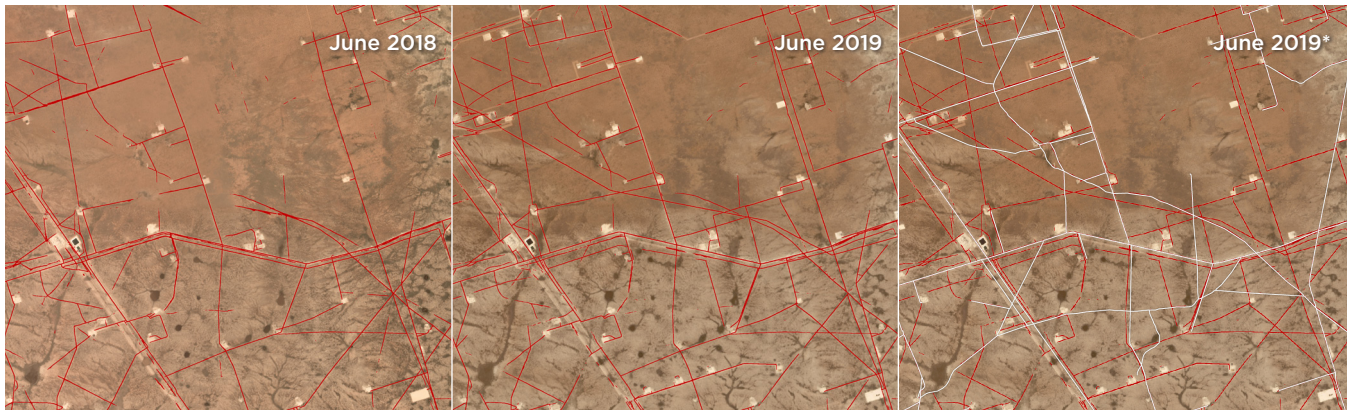Broad-scale coverage & frequent updates boosts awareness

Accelerate decision-making
Complement existing datasets and act faster

Building Detections

Road Detections

Planet Basemap

PLANET ANALYTIC FEEDS

Transforming imagery into insights.

ROAD DETECTION

Feature	Roads		Imagery	Planet Basemaps		Refresh	Monthly
Model	Semantic Segmentation		Analytic Output	GeoTIFF		Delivery	Analytics API Web Map Tile Service

*Roads available in OpenStreetMap

BUILDING DETECTION
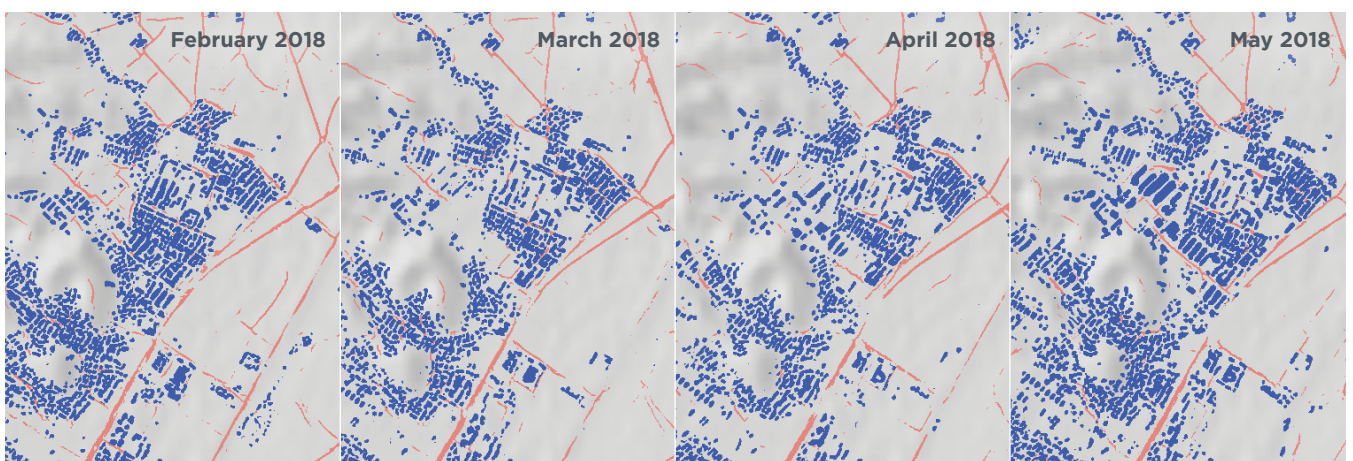
Feature	Buildings		Imagery	Planet Basemaps		Refresh	Monthly
Model	Semantic Segmentation		Analytic Output	GeoTIFF		Delivery	Analytics API Web Map Tile Service

VESSEL DETECTION

2 March 2019

10 March 2019

11 March 2019

12 March 2019

Feature	Vessels	Imagery	PlanetScope Imagery	Refresh	Daily
				Delivery	Analytics API
Model	Object Detection	Analytic Output	GeoJSON Feature Collection	Scale	Global ports and coastlines

INSIGHTS AT GLOBAL SCALE

Planet Analytic Feeds can be applied to Planet imagery across the entire globe, from a continent of interest, to national, or city-wide level.

Global scale means you can get road, building, and vessel detections off-the-shelf on a continual basis, no custom builds required.
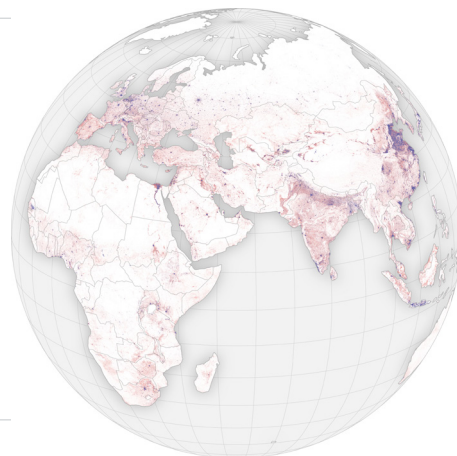
LET'S TALK

Contact Us
Learn how Planet Analytic Feeds can help you turn data into actionable insights
go.planet.com/getintouch

We're Here to Help
Get answers to technical questions about Planet Analytic Feeds
sales@planet.com

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