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 Meanwhile, most of the imagery is outdated by the time it’s received, provides an incomplete dataset, and can’t power timely, data-driven decisions.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.

**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
PLANET ANALYTIC FEEDS
Transforming imagery into insights.

ROAD DETECTION

<table>
<thead>
<tr>
<th>Feature</th>
<th>Roads</th>
<th>Imagery</th>
<th>Planet Basemaps</th>
<th>Refresh</th>
<th>Monthly</th>
</tr>
</thead>
<tbody>
<tr>
<td>Model</td>
<td>Semantic Segmentation</td>
<td>Analytic Output</td>
<td>GeoTIFF</td>
<td>Delivery</td>
<td>Analytics API Web Map Tile Service</td>
</tr>
</tbody>
</table>

*Roads available in OpenStreetMap

BUILDING DETECTION

<table>
<thead>
<tr>
<th>Feature</th>
<th>Buildings</th>
<th>Imagery</th>
<th>Planet Basemaps</th>
<th>Refresh</th>
<th>Monthly</th>
</tr>
</thead>
<tbody>
<tr>
<td>Model</td>
<td>Semantic Segmentation</td>
<td>Analytic Output</td>
<td>GeoTIFF</td>
<td>Delivery</td>
<td>Analytics API Web Map Tile Service</td>
</tr>
</tbody>
</table>
## VESSEL DETECTION

<table>
<thead>
<tr>
<th>Feature</th>
<th>Vessels</th>
<th>Imagery</th>
<th>PlanetScope Imagery</th>
<th>Analytic Output</th>
<th>GeoJSON Feature Collection</th>
<th>Refresh</th>
<th>Delivery</th>
<th>Scale</th>
</tr>
</thead>
<tbody>
<tr>
<td>Model</td>
<td>Object Detection</td>
<td>Imagery</td>
<td>Object Detection</td>
<td>Analytic Output</td>
<td>GeoJSON Feature Collection</td>
<td>Daily</td>
<td>Analytics API</td>
<td>Global ports and coastlines</td>
</tr>
</tbody>
</table>

## 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](go.planet.com/getintouch)

**We’re Here to Help**
Get answers to technical questions about Planet Analytic Feeds
[sales@planet.com](sales@planet.com)

**Learn More**
[planet.com/products/analytics](planet.com/products/analytics)