



PLANET ANALYTICS: VESSEL DETECTION

Identify. Detect. Analyze.

Vessels are constantly on the move and maritime activity is changing every second of every hour. From huge tankers transporting millions of oil barrels, to thousands of small fishing vessels searching for catch, to highly coordinated military drills - the breadth and scope of maritime activity is breathtaking. Maritime operators always need as complete a picture as possible to appropriately manage, assess and respond to constantly changing events on the seas.

Planet Analytics Vessel Detection solution delivers the most consistently updated vessel detection service globally, so that organizations can assess and respond to maritime activity with confidence. Powered by deep learning, the Vessel Detection feed identifies vessels from Planet's high frequency imagery and easily integrates into your workflow and other maritime datasets.

BENEFITS



Continuous and efficient awareness

Reduces manual effort by analysts to evaluate huge volumes of data, allowing them to focus on the core insights.



Fresh insights

Detections are delivered everyday allowing users to assess anomalies and trends as soon as possible.



Situational intelligence at scale

Planet's daily, global imagery means you get insights across broad geographies as well as multiple locations of interest.



Get early indications and warnings (Nampo, North Korea)

DIVERSE USE CASES



Observe patterns of life and ongoing maritime activity (Panama)

Monitor unsanctioned activities (Bandar Abbas)

HOW IT WORKS



High frequency global imagery

Planet's high frequency global imagery, confined to your specific port area of interest means we can get an always-recent picture of constantly changing port activity.



Advanced imagery analysis

Planet Analytics uses deep learning techniques to perform advanced imagery analysis everyday on this imagery to detect maritime objects.



Resulting analytic feeds

The resulting analytic feeds are accessible via an API. The vector data can be queried and metadata searched by attributes such as object length, confidence etc. as vector data.

LET'S TALK

We're Here to Help

Get answers to technical questions about Planet Analytics
support@planet.com

Contact Us

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

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www.planet.com/products/analytics