RefineryScanner

Monitoring Insights for Shutdown Prediction

For traders, market analysis, producers, refiners and financial institutions

Powered by OneAtlas
RefineryScanner
Monitor Refinery Shutdowns at the Touch of a Button

Up to 6 weeks prior notice of shutdown event
Accurate monitoring of ~100 of the key refineries globally
15 million barrels per day of refining capacity tracked

Information is one of the key value drivers for commodity trading. However, there is a need for more valuable and accurate data. Short and medium-term markets operate based on data that is often incomplete and published with a significant time lag. This leads to critical surplus/deficit forecasts with a need for more accuracy.

As such, increased transparency through fact-based data and advanced analytics is a game changer for the oil trading industry.

Access The Information Most Relevant to You
RefineryScanner enables users to:
- Systematically monitor refinery activity on a global scale
- View the latest satellite imagery for indication of shutdown activity
- Gather information of refineries undergoing planned, unexpected and extended maintenance
- Translate shutdown data to more accurately assess the potential impact on demand and supply flows for crude oil and derived products
- Draw more precise insights on global or regional refining capacity
- Access information via a dedicated online dashboard, email alerts and CSV download
- API plug-in available for use in other applications

How it Works
SATELLITE IMAGERY
Weekly observations provide a granular view of activities across major refineries.

ADVANCED ANALYTICS
Monitoring activity levels with machine learning, translates imagery into data. Data is validated and converted into insights about timing, duration and scope of maintenance activities.

MARKET IMPACT FORECASTING
Derive impact on related commodity flows as well as supply and demand imbalances using global downstream analytics.

Benefits
Timely
Better predict refinery shutdowns up to six weeks before occurrence, thanks to accurate activity-monitoring algorithms.

Unit-level
More detailed identification of specific refining units that will undergo maintenance.

Actionable
Better quantify the impact of shutdowns on crude demand and refined product supply.

Unbiased
Trade with more confidence by using a dataset independent of market rumours.

RefineryScanner is a solution powered by OneAtlas, the digital platform of Airbus Defence and Space Intelligence.

OneAtlas is an industry-leading collaborative environment, designed with and for you, to access premium imagery, perform large-scale image processing, extract industry-specific insights and develop the smartest geospatial solutions.

Airbus Defence and Space
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