

Morningstar Data for Commodities

With over 30 years of experience, Morningstar is a trusted source in data management solutions that provide clients with actionable information in the energy, commodities and financial sectors. Our enterprise-level software enables clients to access and analyze proprietary and market data to facilitate collaboration and help clients make better investment decisions. Traders, risk managers, IT, analysts, and executives look to Morningstar to power their enterprise and take action with confidence.



Morningstar offers access to more than 3500 feeds from hundreds of vendors in power, gas, oil, weather, agriculture, futures and equities. The Morningstar Excel Add-In allows users to visualize high quality and reliable real time and historical data alongside proprietary data in a variety of outputs, including raw time series, forward curves and seasonal analysis. All data goes through Morningstar's rigorous QA process, with 45+ unique checks, ensures accuracy while simultaneously processing 3 billion data records and over 300 million corrections.



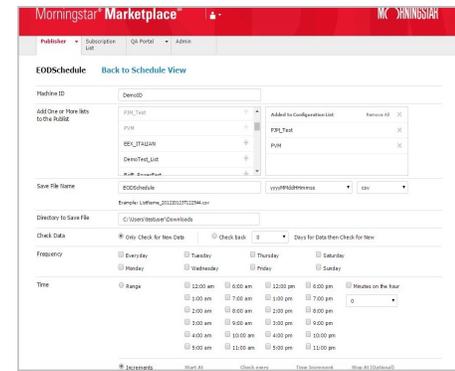
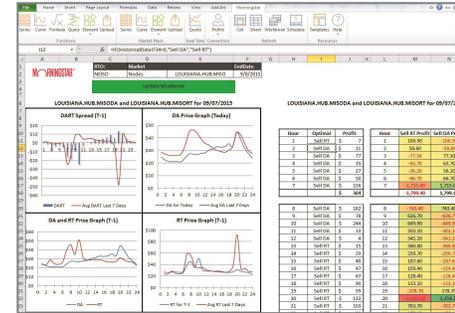
Marketplace Publisher is Morningstar's cloud-based data delivery tool. Here, users can access Morningstar's data library, build a list of preferred data sources, and publish it in a customizable format. This data can be pulled via the web using a REST API, or at regular intervals using our Scheduler application. The Marketplace Publisher is the preferred tool for feeding any ETRM or CTRM system.



Morningstar's Workflow Manager allows users to move from exceedingly manual processes to a fully automated and streamlined method. The tool can perform a wide range of calculations, including simple logic and forward curves, with the results seamlessly integrating into end systems or front-end applications.



As a real-time, browser-based collaboration and charting platform, Morningstar Markets can display historical content alongside real-time exchange prices and a user's proprietary data in a single display. Custom generated workspace views can be shared amongst colleagues or organizations for analysts and traders to collaborate on dashboard views or disseminate proprietary research alongside market data.



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Hosted Solution and Unparalleled Security

Cloud Platform

Morningstar offers a robust hosted solution from Amazon Web Services which provides significant performance benefits and IT cost savings. With a hosted solution, firms can save substantial capital costs with zero in-house server storage and application requirements. Organizations can benefit from a horizontally scalable platform with redundant IT resources and rapid failover mechanism ensuring 24/7 and 99.999% availability.

SOC 1 Designation

Morningstar adheres to the highest operational and security requirements. With Morningstar's SOC1 designation, firms can have confidence that their proprietary data and models are secure and auditable. SOC reports is an independent third-party examination that ensures Morningstar has adequate controls in place to comply with policies and procedures required by SSAE 16.



Research

Morningstar Commodities Research provides independent, fundamental research differentiated by a consistent focus on the competitive dynamics in worldwide commodities markets. This joint effort between Morningstar Global Research and Commodities & Energy groups leverages the expertise of 23 energy, utilities, basic materials, and commodities analysts as well as Morningstar's extensive data platform to help clients discover and stay informed on market trends and opportunities.

Simple Pricing Model

Morningstar is committed to providing the highest value to its clients by offering a straightforward pricing model. We work closely with clients to understand their needs and tailor their solution while staying cost effective.

Dedicated Product Support & Service

Morningstar's 24/7 support team provides high-touch customer service to over 150 commodities and financial firms worldwide. Clients can rely on a team of subject matter experts and dedicated relationship managers to help them make the most of their solutions and time.



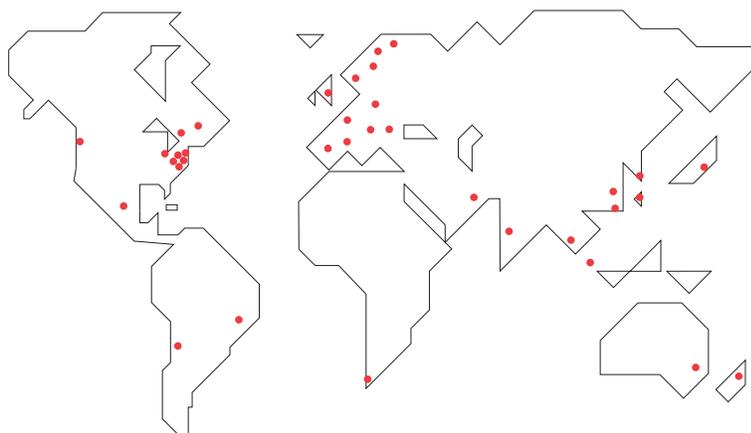
About Morningstar

Morningstar, Inc. is a leading provider of independent investment research in North America, Europe, Australia, and Asia. We offer an extensive line of products and services for individual investors, financial advisors, asset managers, and retirement plan providers and sponsors.

Morningstar provides data on nearly 540,000 investment offerings, including stocks, mutual funds, and similar vehicles, along with real-time global market data on nearly 18.5 million equities, indexes, futures, options, commodities, and precious metals, in addition to foreign exchange and Treasury markets. Morningstar also offers investment management services through its investment advisory subsidiaries, with more than \$200 billion in assets under advisement and management as of Sept. 30, 2016. We have operations in 27 countries.

Worldwide Reach

We conduct our operations outside of the United States through wholly owned or majority-owned subsidiaries.



Canada
United States
Mexico

Brazil
Chile

Denmark
France
Germany
Italy
Luxembourg

The Netherlands
Norway
South Africa
Spain
Sweden
Switzerland
United Kingdom

China
Hong Kong
India
Japan
Korea
Singapore
Taiwan
Thailand
United Arab Emirates

Australia
New Zealand

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