

Barchart Premier Services Expand Market Data Offerings for Commodity Traders

Barchart has introduced an expanded set of market data tools under its Barchart Premier services, giving commodity traders and analysts access to deeper historical data and faster real-time price feeds across agricultural and energy markets. The move responds to growing demand for more granular data sets that can support algorithmic trading, risk management, and supply chain forecasting.

The enhanced services layer onto the firm's existing market data infrastructure, which already covers thousands of commodities, futures contracts, and cash grain bids. Barchart Premier services now include extended historical tick data for agricultural futures, allowing users to backtest trading strategies over a longer time horizon than previously available. This is particularly relevant for firms that rely on quantitative models to price options or hedge physical positions.

New Data Coverage and Delivery Options

The updated offering broadens the range of data sources integrated into the platform. Traders can now pull cash grain bids from a larger network of elevators and processors, with updates pushed at sub-minute intervals. For energy markets, the service adds additional natural gas pricing points and refined product assessments, covering more hubs in the Midwest and Gulf Coast regions.

Delivery has also been streamlined. Users can configure custom data feeds through REST APIs or flat-file exports, with options to receive compressed packages at scheduled intervals. The system supports both polling and push-based delivery, which reduces latency for firms running automated trading or risk systems.

Historical Data Depth

One of the key improvements is the depth of historical data available. The [Barchart Premier services](#) now offer continuous tick data for major agricultural futures stretching back more than a decade, with intraday granularity for contracts traded on the CME, ICE, and other exchanges. This allows analysts to reconstruct complete trading sessions and run scenario analyses that require long-run price distributions. Historical weather and crop progress data have also been added as overlay layers, enabling correlation studies between fundamental supply factors and price movements.

For energy traders, the expanded history includes daily and weekly spot price assessments for crude oil, natural gas, and refined products across major U.S. hubs. The data is normalized and

aligned with industry standard definitions, which reduces the need for manual cleaning and mapping before it can be used in models.

Targeted Use Cases

The service is designed for several distinct workflows. In the agricultural sector, grain merchandisers can use the live cash bid feed to optimize delivery schedules and compare basis levels across multiple origination points. The historical data supports basis curve development, a common tool for forecasting local price premiums or discounts relative to futures.

In financial services, portfolio managers and commodity index funds use the data to price structured products and monitor exposure to commodity price swings. The ability to pull consistent, exchange-grade data across commodities reduces the operational risk of relying on fragmented or delayed sources. Energy procurement desks, meanwhile, can use the natural gas pricing data to benchmark contract terms and track regional spreads.

Data Quality and Governance

Barchart Premier services include automated data validation checks that flag anomalies such as missing ticks, price jumps beyond configurable thresholds, or late arriving data. Users can set up alerts for specific conditions, which helps operations teams catch feed problems before they affect downstream systems. The data is sourced from exchange-certified feeds and supplemented with direct submissions from participating cash market participants.

Access control is handled through API keys and IP whitelisting, with audit logs that record every data request. For firms that need to demonstrate compliance with internal data governance policies, the service provides a full lineage record for each data point, showing its source, capture time, and any transformations applied.

Integration with Existing Systems

The platform is designed to work alongside common commodity trading and risk management systems. Data can be exported in CSV, JSON, or XML formats, and the APIs follow RESTful conventions with OAuth 2.0 authentication. Several enterprise resource planning and commodity accounting software vendors have already built connectors to the Barchart Premier services, allowing users to pull market data directly into their procurement or logistics modules without custom scripting.

The service also includes a web-based dashboard for users who prefer a graphical interface. The dashboard displays live and historical data in configurable charts, with the ability to overlay multiple commodities or time ranges on a single graph. Users can save views and

share them with team members through a simple URL scheme that preserves filters and zoom levels.

Pricing and Availability

Barchart Premier services are offered on a subscription basis, with tiered plans based on the number of data sets accessed, the frequency of updates, and the level of historical depth required. The base tier covers live futures and cash grain data for major U.S. commodities, while higher tiers add international exchanges, energy markets, and extended history. All tiers include access to the validation and alerting features.

The service is available to firms that already hold a Barchart data subscription, as well as to new customers. Implementation typically takes less than a week for standard API integration, with dedicated support provided during onboarding. For firms with more complex requirements, such as custom data normalization or legacy system integration, Barchart offers consulting services as an add-on.

Market Context

The expansion of Barchart Premier services comes at a time when commodity markets are experiencing increased volatility tied to weather patterns, trade policy shifts, and energy transition dynamics. Traders and risk managers are under pressure to reduce uncertainty in their pricing models, and access to high-quality, low-latency data is a necessary condition for building reliable forecasts.

Industry participants have noted that the fragmentation of commodity data sources remains a barrier to efficient market analysis. Cash grain bids, for example, vary by elevator and region, and assembling a comprehensive picture often requires manual collection from multiple websites or phone calls. Similarly, energy spot prices are published by different agencies and exchanges with varying definitions and revision schedules. By consolidating these sources into a single, validated feed, the new services aim to reduce the operational drag that data fragmentation creates.

The agricultural sector, in particular, has seen a push toward data-driven decision making over the past several years. Precision agriculture tools, satellite imagery, and weather modeling have all become more common, but price data has lagged behind in terms of standardization and accessibility. The Barchart Premier services address that gap by providing a clean, consistent pipeline for market prices that can be combined with other data streams for a more complete view of production and market conditions.

About Barchart

Barchart is a financial and commodity market data provider offering market data, analytics, and workflow solutions for businesses in agriculture, energy, metals, and financial services.