

Barchart Enables Traders to View the Release of New Data Tools

Barchart has introduced a set of updated data tools that allow market participants to view the release of key financial metrics in a streamlined interface. The enhancements focus on real-time commodity pricing, options chain analytics, and historical charting, giving traders access to information that previously required multiple platforms.

The company, known for its market data and technology services, has consolidated several data feeds into a single dashboard. Users can now monitor futures and options across major exchanges without switching between separate windows. The update includes customizable alerts that trigger when prices hit user-defined thresholds, as well as expanded coverage for agricultural and energy contracts.

Market participants can [view the release](#) of these tools through the Barchart platform, where the new features are available immediately. The dashboard includes a redesigned layout that groups related data points, such as volume and open interest, alongside price charts. This configuration is intended to reduce the time traders spend searching for information during active trading sessions.

Enhanced Data Visualization

The updated tools include improved charting capabilities. Candlestick patterns, moving averages, and Bollinger Bands can be applied with fewer clicks, and the charts update in real time as new data arrives. The platform also supports overlay comparisons, allowing traders to plot multiple contracts on the same graph, such as crude oil against natural gas or gold against the dollar index.

For options traders, the new analytics section displays implied volatility surfaces and Greeks calculations directly on the trade screen. The system calculates Delta, Gamma, Theta, Vega, and Rho for individual contracts and for multi-leg strategies. This eliminates the need to export data to a separate spreadsheet or third-party tool.

Commodity Coverage Expansion

Barchart has also expanded its commodity coverage. The platform now includes data for soft commodities such as coffee, cocoa, and sugar, as well as livestock contracts like live cattle and lean hogs. Energy traders gain access to refined product spreads, including gasoline versus heating oil. Each contract page displays the full futures curve, from the front month to deferred delivery periods, along with calendar spreads.

The company notes that the data is sourced directly from exchange feeds, with latency reduced to sub-second levels. This speed is critical for traders who rely on tick-by-tick data to execute strategies based on price discrepancies between related contracts.

Alert System Overhaul

The alert system has been rebuilt to allow more granular triggers. Traders can set alerts based on price, volume, open interest changes, or technical indicator crossovers. Alerts can be delivered via the platform's notification center, email, or SMS. Users can also create conditional alerts that fire only when multiple conditions are met, such as a price above a certain level while volume exceeds a 10-day average.

The system stores alert history for 90 days, allowing traders to review past triggers and adjust their parameters accordingly. This feature is particularly useful for backtesting alert-based strategies without requiring separate historical data downloads.

Market participants can view the release of the alert system documentation through the help center, which includes step-by-step guides and sample configurations. The documentation covers both the web interface and the mobile application, ensuring consistency across devices.

API Updates for Automated Traders

For algorithmic traders, Barchart has updated its API endpoints. The new endpoints support streaming data for futures and options, with WebSocket connections that maintain a persistent data feed. The API also includes endpoints for historical data, allowing traders to retrieve up to 10 years of daily prices and 5 years of intraday data at 1-minute intervals.

Authentication has been simplified with the introduction of API keys that can be scoped to specific data sets. Traders can generate keys for read-only access to pricing data or full access that includes order management, depending on their broker integration. The API documentation includes code samples in Python, JavaScript, and C#.

Mobile Application Improvements

Barchart's mobile application has been updated to match the desktop interface. The app now supports the same charting tools and alert configurations, with a touch-optimized layout. Traders can swipe between contract pages, pinch to zoom on charts, and long-press to access context menus. The app also supports push notifications for alerts, ensuring that traders receive updates even when the app is in the background.

The mobile update includes a watchlist feature that syncs with the desktop account. Changes made on one device are reflected on the other within seconds. This synchronization allows traders to set up their watchlist at their desk and monitor it from their phone during breaks or travel.

Users can view the release notes for the mobile app by navigating to the settings menu within the application. The release notes detail bug fixes, performance improvements, and new features added in each update.

Security and Compliance

All data transmitted through the platform is encrypted using TLS 1.3. The company states that it complies with industry standards for financial data security, including SOC 2 Type II certification. User sessions are protected with multi-factor authentication, and API access is logged for audit purposes.

The platform also supports role-based access controls for institutional clients. Fund managers can set permissions for individual traders, limiting access to specific contracts or data sets. This control is designed to help firms meet internal compliance requirements and regulatory obligations.

Barchart continues to develop additional features based on user feedback. The company has indicated that future updates will focus on machine learning-based pattern recognition and natural language processing for news sentiment analysis. No timeline has been provided for these features.

The updated tools are available now to all Barchart subscribers. Pricing for the platform varies by data set and access level. New users can sign up for a trial period that includes full access to the new features.