API Products

Power your system with CQG.

CQG APIs offer solutions for customers needing the most reliable data, advanced analytics, and ultra-low-latency trading.

Our API solutions allow you to seamlessly deliver market data, analytics, and order routing to external applications.

For latency-critical applications, the proximity of CQG's global network of exchange data centers gets you as close to the markets as possible.

Find Out More About...

- CQG Data API
- CQG Trading API
- Real-time Data

- Historical Data
- Analytics
- Customer-Driven Solutions

Data and Trading API Solutions

Capitalize on CQG's strengths: global market data, advanced analytics, and low-latency trade routing.

CQG Data API

Product Description
The CQG Data API makes it possible for you to seamlessly deliver CQG's market data and analytics to external applications. CQG offers the option of both real-time and historical data for our customers via our API solution. The CQG Data API is based on COM server technology. Any language that supports automation technology may be used for development. CQG provides samples of how to use the API for Microsoft Excel VBA, Visual Basic, C#, C++, and MatLab.

Product Features
Real-time Data
The CQG Data API gives you access to:
- Instrument reference metadata/contract specifications
- Last trade and current best bid/offer data with volumes
- Depth-of-market (DOM) data with volumes

The CQG Data API supports real-time and delayed market data from exchanges.

Historical Data
Comprehensive trade and best bid/offer tick data may be retrieved at the end of the day to validate tick database integrity. In addition, the CQG Data API gives you access to consolidated (aggregated) data in different types of bar configurations, such as regular timed, constant volume, point and figure, and TFlow® bars. Our historical data includes access to our embedded analytics.

Product Features (continued)
Analytics
Industry-leading analytics available via the CQG Data API include:
- Canned studies and functions
- Custom studies and formulas
- Synthetic instruments
- Trade system values

Product Advantages
- Utilize real-time and historical data as well as analytics.
- Expose real-time and historical data to your applications.
- Access reliable, accurate data from over one hundred sources.
- Use the CQG API for Microsoft Excel™ modeling.
- Connect to multiple asset classes with our API.
- Experience speed — the CQG API introduces only one millisecond for data round-trip.
- Backtest using the CQG Data API.
- Collect data, including DOM data.
- Take advantage of low start-up costs.
- Download free API templates and samples.

Delivery
The CQG Data API (real-time and historical) is available as part of our flagship product, the CQG Integrated Client. In addition to the Client API, CQG offers a Server API solution for market data delivery; the advantage of the Server API is faster delivery time.

CQG Trading API

Product Description
The CQG Trading API allows you to access the CQG Hosted Exchange Gateways for order routing from external applications.

Product Features
The CQG Trading API can be used for:
- Trade execution (manual and automatic)
- Trade monitoring

Product Advantages
- Trade using one interface on more than thirty-five exchanges across multiple asset classes.
- Trade across multiple accounts (not limited to one account or one broker).
- Do your algorithmic trading through the CQG API.
- Connect to the CQG Hosted Exchange Gateways for direct market access and ultra-low-latency trade routing.
- Take advantage of the close proximity of the CQG Hosted Exchange Gateways to the exchanges. Local exchange access means faster execution.
- Use the CQG Hosted Exchange Gateways, which include full-site redundancy, for more dependability and better load balancing for lower latency.
- Download free API templates and samples.
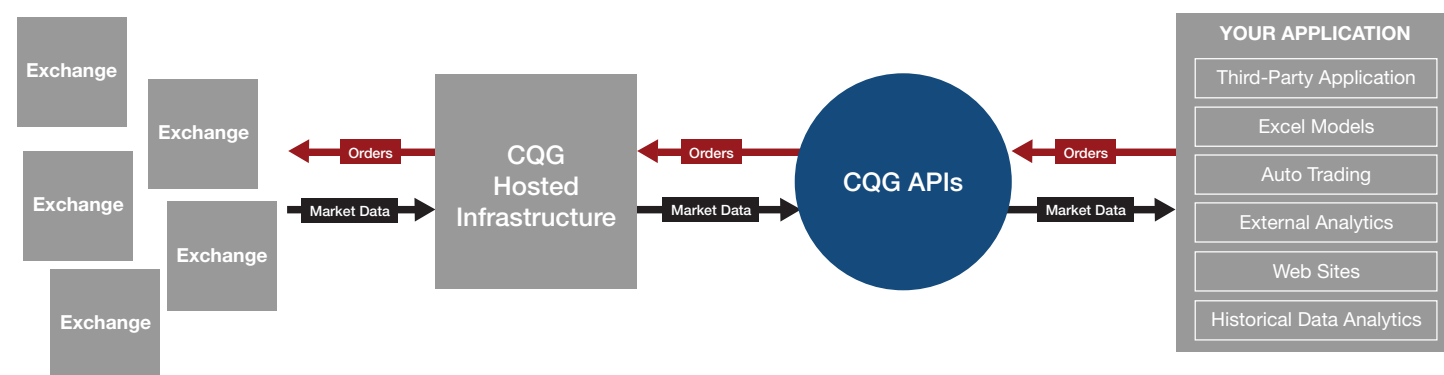- Reduce your overhead by using the CQG Trading API.

Delivery
Two unique APIs for submitting orders to the CQG Hosted Exchange Gateways:
- The CQG Trading API is available as part of our flagship product, CQG Integrated Client, for programming in an object-oriented manner.
- The CQG FIX 4.2 API provides direct connectivity to our Hosted Exchange Gateways using the industry standard FIX (Financial Information eXchange) protocol, so partners and customers can route orders directly to the gateways through their own proprietary applications.

Customer-Driven Solutions
CQG API solutions are for customers interested in enhancing their own trusted set of trading tools with CQG's data feed and order routing services. See how your tools become even more effective:
- CQG API solutions allow you to seamlessly deliver market data, analytics, and order routing to external applications.
- Individual users can access CQG market information and analytics or perform manual and auto trading.
- Third-party software application providers can feed market data into front-end applications through the API or build Web sites with real-time and delayed market data.
- FCMs can use the CQG APIs to provide market data to middle- and back-office systems.
- Hedge funds and CTAs can perform manual and auto trading as well as implement analytical support.
- CQG developers have created a series of API templates, which are provided free of charge. The templates include: Spreads Trading Matrix, Energy Trading Template, Risk Console Template, Bracket Order Template, and Order Ticket Template.

Diagram: Exchange → CQG Hosted Infrastructure → CQG APIs → YOUR APPLICATION (Third-Party Application, Excel Models, Auto Trading, External Analytics, Web Sites, Historical Data Analytics), with Orders and Market Data flows.

CQG: Everything Your Traders Need

Quality, Innovation, and Superior Service

Consolidated Market Data
Connect globally.
CQG delivers a high-speed consolidated market data feed covering multiple asset classes. Dedicated teams in five locations across the globe actively maintain real-time and historical data quality. We handle ever-increasing market data volumes so you don't have to.

Decision-Making Tools
Make better decisions.
Powerful, flexible, and easy to use, CQG charts and studies combine with the best real-time and historical market data in the business to provide traders with critical insight into market activity.

News Coverage for Traders
Monitor market-driving events.
CQG's innovative news display, search capabilities, and chart-linking to headlines provides traders with the perfect view of news and market action.

Electronic Trade Routing
Execute faster.
Today's traders need reliable, high-speed access to electronic markets. The CQG Hosted Exchange Gateways provide our customers with low-latency connections to major cash and futures exchanges.

Risk Management
Manage with confidence.
CQG's risk management module enables FCMs to perform pre-trade and post-trade risk evaluation using CQG's industry-leading proprietary margining system.

Enterprise Data Solutions
Analyze your data with CQG.
CQG software combines the world's most sophisticated analysis tools with our high-performance market data feed to enable your decision making and execution.

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