

					S.XLB	S.XLE	S.XLF	S.XLI
	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	1.00	1.00	0.99	0.99	0.99	1.00	0.97	1.00
	1.00	0.99	1.00	1.00	1.00	0.99	0.99	0.99
	1.00	0.98	0.99	1.00	1.00	0.98	1.00	1.00
	1.00	0.99	1.00	1.00	1.00	0.97	1.00	1.00
	0.99	1.00	0.99	0.98	0.97	0.98	1.00	1.00
	0.99	0.97	0.99	1.00	1.00	1.00	0.97	1.00
	0.98	1.00	0.99	0.98	0.97	0.98	1.00	0.96
	1.00	1.00	0.99	0.97	0.96	0.97	1.00	0.95
	1.00	1.00	1.00	1.00	0.99	1.00	0.99	0.99
	1.00	0.98	0.99	1.00	1.00	1.00	1.00	1.00
	1.00	0.98	0.99	0.96	0.94	0.96	1.00	0.94
							0.99	0.99

Power Your System with **CQG**.

# CQG Client APIs

Solutions for customers needing the most reliable data, advanced analytics, and ultra-low-latency trading.

CQG Data API

CQG Trading API



# Data and Trading API Solutions

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

## CQG Data API

The CQG Data API makes it possible to seamlessly deliver CQG's market data and analytics to external applications. CQG offers the option of both real-time and historical data via our APIs. The CQG Data API is based on Microsoft COM server technology. Any language that supports COM 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®.

### 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.

## 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.
- Experience speed — the CQG API introduces only one millisecond for data round trip.
- Perform backtesting.
- Collect data, including DOM data.
- Take advantage of low start-up costs.
- Download free API templates and samples.

## Delivery

The CQG Data API is available as part of our flagship product, CQG Integrated Client.

## CQG Trading API

The CQG Trading API grants access to the CQG Hosted Exchange Gateways for order routing from external applications.

### Features

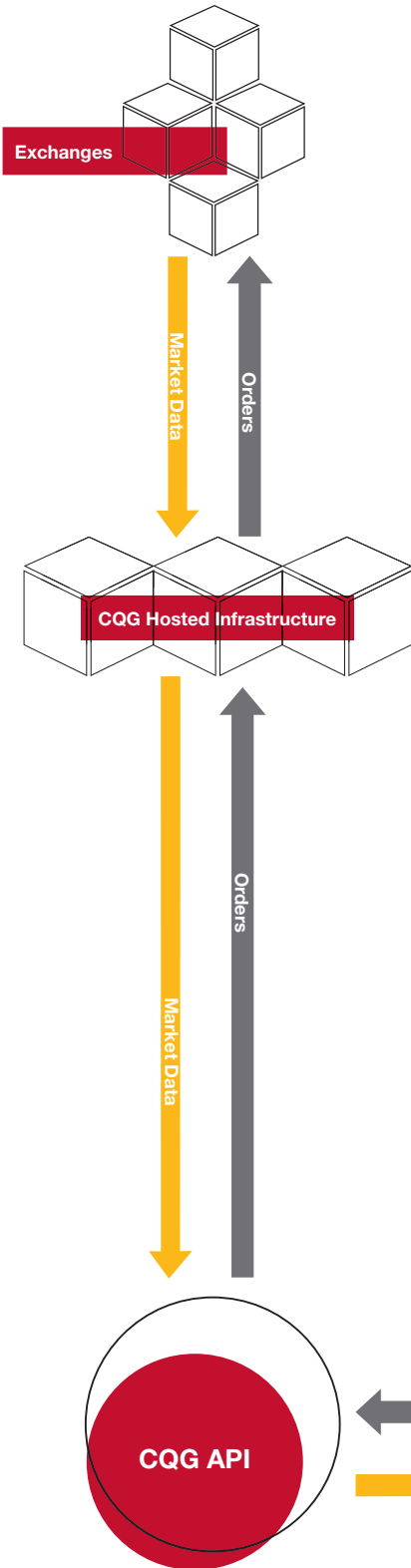
- Manual and automatic trade execution
- Trade monitoring

### Product Advantages

- Trade on more than forty exchanges across multiple asset classes using one interface.
- Trade across multiple accounts (not limited to one account or one broker).
- Execute your algorithmic trading.
- Connect to the CQG Hosted Exchange Gateways for Direct Market Access and ultra-low-latency trade routing.
- Take advantage of the 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.

### Delivery

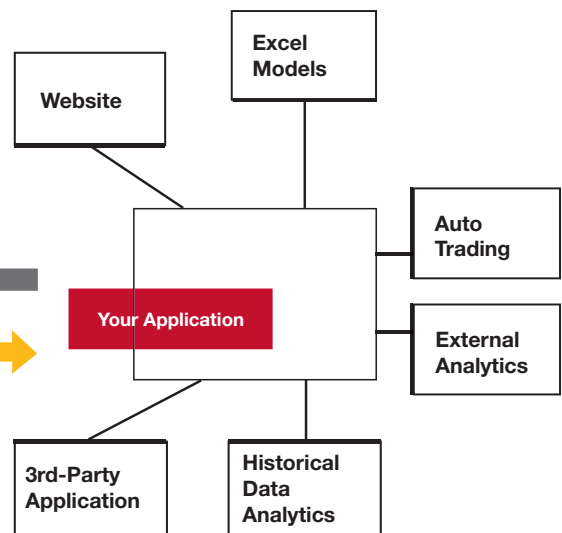
The CQG Trading API is available as part of our flagship product, CQG Integrated Client, for object-oriented programming.



## Customer-Driven Solutions

CQG's APIs 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.
- Third-party software application providers can feed market data into front-end applications through the API or build websites 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: Energy Trading Template, Risk Console Template, Bracket Order Template, and Order Ticket Template.



# CQG: Everything Your Traders Need

Quality, Innovation, and Superior Service

## Consolidated Market Data

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

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.

## Server-Side Tools

Spread orders, orders into aggregated markets, and smart iceberg orders are managed on CQG servers collocated with exchange-matching engines.

## Electronic Trade Routing

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

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

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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## Contact Us

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