



CQG Overview

For more than thirty years, CQG, Inc. has been the industry leader for fast, accurate, and reliable market data and unrivaled graphical analysis. Today, CQG provides high-performance trade routing, global market data, and advanced technical analysis tools for professional traders worldwide. CQG partners with more than one hundred FCM environments and provides Direct Market Access to more than forty-five exchanges through its global network of co-located Hosted Exchange Gateways. CQG's server-side order management tools for spreading, market aggregation, and smart orders are unsurpassed for speed and ease-of-use. CQG's market data feed consolidates more than seventy-five sources, including exchanges worldwide for futures, options, fixed income, foreign exchange, and equities as well as data on debt securities, industry reports, and financial indices.

CQG offers the following innovative products with the speed and support traders have come to rely on:

- **CQG Integrated Client** provides traders with innovative trading interfaces complete with accurate global market data, professional analytics tools, and advanced order routing.
- **CQG Spreader** offers sophisticated order management and ultra-low-latency trade execution for trading multi-legged, intermarket, and intramarket spreads across accounts and asset classes.
- **CQG QTrader** includes advanced analytics, charts, and multiple trade execution interfaces in one comprehensive solution for professional traders.
- **CQG Trader** is a high-performance market data and electronic trading application for traders who do not require technical analysis tools.
- **CQG FX** provides charting, analytics, and order execution tools tailored for the professional foreign exchange trader.
- **CQG M** gives global traders advanced market data, order management, and electronic trading via HTML5 on phones, tablets, PCs, and Macs.
- **CQG Client APIs** offer trading and data distribution for order execution and market data platforms, applications, and proprietary systems.
- **CQG Data Factory** offers online access to decades of accurate, top-quality historical data from over sixty exchanges worldwide.

CQG is headquartered in Denver, Colorado with sales and support offices worldwide. For more information about CQG, call 1-800-525-7082 or visit www.cqg.com.

CQG Integrated Client

CQG Integrated Client provides traders with innovative trading interfaces complete with accurate global market data, professional analytics tools, and advanced order routing.

Electronic Trade Routing

- Electronic trading connectivity to more than forty-five exchanges
- High-speed network of distributed exchange gateways
- Partnerships with over one hundred FCM environments
- Depth-of-market views on price ladders and trading directly from the charts and quote pages
- Comprehensive pre-trade risk management

Order Routing Tools

- Multi-legged, intermarket, intramarket, and exchange-traded spreads can be created, traded, and managed (CQG Spreader)
- Orders for outright and spreads based on yields
- Three depth-of-market order book views of the electronic exchanges (DOMTrader®, Order Ticket, and Hybrid Order Ticket)



- A trade routing application that can be attached to any CQG application, such as a quote board or chart (Order Desk)
- CQG's server-side order routing gateways manage where you get filled when you trade similar instruments on two or more exchanges (aggregation)
- A quote display that includes trading functionality along with the ability to link to a chart (Split Quote Board)
- Spreadsheet trading with over two hundred market data elements available, including order routing (Spreadsheet Trader)
- Synthetic and exchange-traded spreads can be monitored and traded from two customizable, matrix-style quote displays (Spread Matrix and Spread Pyramid)
- CQG and custom study values and condition alerts can be displayed on the DOMTrader

Automated Execution

- CQG AutoTrader is a proprietary trading execution engine that allows customers to simultaneously execute numerous systems at once with equal precision and discipline.
- For maximum transparency, CQG AutoTrader is integrated with various position monitoring modules, such as the Orders and Positions window and the Automated Trading System (ATS) study, where customers can monitor trading signals and positions on charts and trading interfaces.

CQG Smart Orders

CQG supports both exchange-supported and synthetic orders. Each smart order has unique features designed to aid the trader in better order and trade management. Smart orders include:

- DOM-triggered stop/stop limit
- Trailing limit
- Trailing stop/stop limit
- Bracket
- Order-cancels-order
- Study-following order
- Condition following order
- Alert trading
- Funari
- Algorithmic orders, including iceberg and offset stop limit

Consolidated Market Data

- High-speed, real-time, and historical market data from over seventy-five global sources
- Foreign exchange, fixed income, energy, derivatives, equities, single stock futures, and OTC markets
- Different styles of quote displays
- Cost-effective, scalable market data management and delivery
- Dedicated data quality staff in five locations across the globe covering the US, Europe, and Asia
- Sophisticated symbol search

Decision-Making Tools

- State-of-the-art charting and analytics
- Numerous chart styles, including CQG's exclusive TFlow®
- Portfolio and Instrument Monitors
- Exclusive tools designed for today's electronic markets
- Over one hundred basic and custom studies
- Custom formula builder
- Various types of alerts
- Powerful trade system design and backtesting features



- Advanced options strategies analytics

News

- Computer-readable news: key US, Canadian, and European economic releases
- Comprehensive Dow Jones Newswires, The Hightower Report, and Market News International
- Dow Jones Calendar of Events for tracking economic releases with ease
- Powerful search and filtering features
- Dynamic design supporting secure delivery of proprietary customer feeds

CQG Spreader

CQG Spreader offers sophisticated order management and ultra-low-latency trade execution. CQG Spreader allows traders to easily create, trade, and manage multi-legged, intermarket, and intramarket spreads across accounts and asset classes.

The CQG Spreader Core (our co-located servers at the exchanges) uses proprietary algorithms to manage working legs of the spread. Bid/Ask queues per leg in the exchange's order book are monitored by the spread servers for liquidity. The close proximity of the CQG Spreader Core to global exchange servers allows order modifications and execution of balancing leg orders to occur in less than a millisecond, which means premium placement in the order queues for your working legs and a reduction of hung or mis-hedged leg orders.

With access to the CQG Spreader Core, you don't have the upfront costs associated with exchange connectivity and maintaining a global network infrastructure. CQG manages the exchange relationships as well as ongoing maintenance of exchange connections, hardware, and technology, allowing you to focus on the development of new ideas while leveraging cost-effective tools for trading spread strategies.

The Spreader Core eliminates geographic latency for traders in any location. CQG's global network of trading gateways provides access to exchanges in various regions, such as the Americas (CBOT, CME, CFE, ICE US & Canada, Eris, COMEX, NYMEX, and more), APAC (HKFE, SGX, TFX, TOCOM), EMEA (Eurex, Euronext, LME, DGCX, DME, ICE Europe, and more), Fixed Income (BrokerTec, Nasdaq eSpeed), and FX (Hotspot). This provides you with a superior advantage for trading strategies of various asset classes including interexchange spreads.

For fixed income and futures cash spread trading, CQG Spreader allows you to connect, aggregate, and cleverly route leg orders to US Treasury markets such as BrokerTec and Nasdaq eSpeed for the cash leg and their highly correlated futures markets. This gives you the edge in basis spread trading.

Functionality

- Set up spreads with up to forty legs and actively quote up to ten legs.
- Configure leg ratios, scale, order management, and legging risk.
- Prioritize leg placement.
- Easily identify spreads and their legs with DOMTrader® and order color-coding.
- Manage spread trading across accounts.
- Set up monitored leg orders using bid and ask queue volume conditions.
- Manage risk with overfill management.
- Trade ratio spreads with proportional execution.
- Manage placement with queue holders.
- Construct and trade spread strategies based on yield, net change, or price-to-price.
- Manage incomplete orders with a pay-up limit or with CQG's smart trailing limit orders.
- Use Sniper Mode for near-instantaneous execution and to reduce message counts.
- Use QFormulas to simplify complex strategies.
- Access CQG's full suite of charting and analytics tools.



- Monitor and manage spread activity with Spread Matrix and Spread Pyramid.
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CQG QTrader

CQG QTrader includes advanced analytics, charts, and multiple trade execution interfaces in one comprehensive solution for professional traders.

Electronic Trade Routing

Trading Tools

CQG's order routing tools are easy to use and efficient, and they provide key market information. Order types include market, limit, stop, stop limit, iceberg, trailing, DOM-triggered, and algorithmic orders.

- Spreadsheet Trader: Customizable spreadsheet-based trading application that allows traders to track the state of a wide collection of markets using their favorite studies, conditions, and alerts.
- Order Ticket: Integrated depth-of-market and order management interface that minimizes use of screen real estate.
- DOMTrader®: Professional order-entry application that provides market transparency.
- Order Desk: Comprehensive desk-trader tool that attaches to any application, such as a quote board or a chart.
- Server-Side Aggregation: Automated and ultra-low-latency management of orders in aggregated markets.
- Alert Trading: Notifications of when a specific price, time, study, or trend-line condition has been met.
- Spread Matrix and Spread Pyramid: Powerful trading applications that allow traders to define and monitor both synthetic and exchange-traded spreads and trade exchange-traded spreads.

Orders and Positions

Monitor and manage futures accounts using real-time prices with Orders and Positions. The Trading Summary shows all daily trading activity by account or across all accounts. Account information can be exported to a Microsoft Excel® spreadsheet or as an HTML file.

Charting and Analytics

Chart Types

- Bar
- Candlestick
- Line
- TFlow® and Time-Based TFlow

Studies

Access a host of analytic tools, including the popular Bollinger Bands, Moving Average Convergence/Divergence (MACD), and Average True Range (ATR) studies.

Instrument Monitor

Monitor the state of multiple conditions and study values for multiple chart types and intervals. The Instrument Monitor makes it possible to view real-time market data and study values and view the status of conditions for an instrument in a single, comprehensive view. It enables a technical view of the markets using multiple time frames and chart types for a single instrument.



RealTimeData (RTD)

Deliver market data and other information to Excel using CQG QTrader's RTD feature. Drive calculation formulas based on cells that reference real-time data. Request market data, historical data, and current working orders and positions data.

CQG Trader

CQG Trader is the perfect execution platform for traders who do not require technical analysis tools. CQG Trader offers real-time quotes, trading, and order management.

Customizable Trading Applications

- DOMTrader®: Provides market transparency and intermarket and multi-market trading.
- Order Ticket: Includes buy and sell buttons and enhanced visibility of the net change and volume.
- Quote Board: Displays the open, high, low, and close values.

CQG News

- Displays headlines with varying font sizes, highlighting the most current news releases.
- Keyword search allows traders to browse news releases based on their trading needs.
- Traders can adjust CQG News preferences to display the story pane, timeline, and recent headlines in scroll mode; to adjust color schemes; and to highlight keyword searches.
- Available services include Dow Jones Newswires, The Hightower Report, and Market News International

Additional Features

- The platform can be white-labeled to further establish your brand.
 - Customers interested in FX can trade non-even amounts of currency and easily manage orders and positions using large-quantity abbreviations.
 - DOM ladder compression is available for thinly-traded electronic markets.
 - Fills executed outside the CQG Hosted Exchange Gateways, such as pit trades, can be entered in the Orders and Reports window.
 - Net open trade equity for related futures and options positions can be displayed.
 - Non-English speakers can take advantage of using the application in the following languages:
 - Chinese
 - Japanese
 - Russian
 - Turkish
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CQG FX

CQG FX provides charting, analytics, and order execution tools tailored for the professional foreign exchange trader. CQG FX expands CQG's multi-asset capabilities by enabling cash FX.

CQG FX is fully integrated into the CQG ecosystem. Customers can leverage CQG Integrated Client's robust market data, analytics, and electronic trade routing tools to manage foreign exchange markets.

Broad Market Coverage

- All major and minor FX pairs
- Spot metals

Robust Charting and Analytics

- Ten chart types including sub-minute bar charts



- Tabbed charts
- Over one hundred pre-programmed studies
- Intraday and historical charts
- Enhanced quote displays
- Real-time market data link to Microsoft Excel®

Advanced Electronic Trading

- Split Quote Board
- Order Ticket with depth-of-market view
- Auto and alert trading

Excel Integration

CQG FX supports the RealTimeData (RTD) function for delivering market data and other information to Microsoft Excel®. This powerful combination allows you to create highly customized applications designed for your specific needs and requirements.

CQG M

CQG M is an HTML5-based mobile app that delivers advanced market data, order management, and electronic trading on phones, tablets, PCs, and Macs. CQG M allows traders to see advanced market data and execute orders on the go. Built on CQG's robust cloud infrastructure, CQG M has all of the data quality, coverage, and reliability that global traders have come to expect. Now anywhere, anytime.

Benefits

- CQG's robust cloud infrastructure has been the industry standard for data quality in the futures industry since 1984.
- CQG M works on virtually any platform and uses the latest technologies to bring a robust experience: HTML5, protobuf, and websocket.
- CQG M's feature set is focused on the functionality that traders really need in a mobile app.
- Global market data coverage and trade execution is delivered via CQG's infrastructure.

Features

- Highly customizable interface
- Mobile market data coverage, including futures and FX with several quote board styles
- Futures and FX trading with support for basic order types, GTC, and GTD
- Orders and Positions views for managing orders
- Charting tools and analytical studies
- Account summary overview to see OTE, P/L, and margin

Compatibility

Mobile Devices

- Android smartphones and tablets
- Apple iPad 2, iPad generations 3 and 4, and iPad Air
- Apple iPhone 4S, iPhone 5, iPhone 5C, iPhone 5S, and iPhone 6/6+

Operating Systems

- Android v4.1.2 and later
- iOS7
- OS X Mountain Lion and later
- Windows 7 and later



- HTML5/CSS3-Supported Internet browsers
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CQG Client APIs

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

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®.

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.

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.

Industry-leading analytics available via the CQG Data API include:

- Classic studies and functions
- Custom studies and formulas
- Synthetic instruments
- Trade system values

Product Advantages

- Use 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.

CQG Trading API

The CQG Trading API grants access to the CQG Hosted Exchange Gateways for order routing from external applications. The CQG Trading API can be used for manual and automatic trade execution and 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.

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.

CQG Data Factory

CQG offers the industry's cleanest market data from over one-hundred exchanges worldwide. CQG's Data Quality group monitors the data twenty-four hours a day. Customers can access decades of end-of-day market data and over fifteen years of intraday data, including:

- Price and volume data from more than sixty exchanges worldwide
- Time & Sales data (tick-by-tick, including bid/ask and settle)

Additional data going back to the 1930s is also available.

Manage orders online, view sample data, and see how to import data into CQG Integrated Client.

Begin shopping at <https://www.cqgdatafactory.com>.