



**FXCUBIC**

[www.fxcubic.com](http://www.fxcubic.com)



# Introduction

FXCubic Liquidity Engine is a sophisticated ultra low latency price and trade processor for the MetaTrader platform and FIX API, currently integrated to most industry leading liquidity providers. Our team's experience in the fin-tech industry for more than 20 years has given FXCubic the edge in terms of real-time high performance trading technology. FXCubic offers a complete solution for both STP and B-Book type brokers, offering unique tools that will differentiate our clients from their competition, as well as increasing their profits. Privacy and transparency is natural to the FXCubic Liquidity Engine, since the full system can be optionally hosted by our clients. This architecture offers full privacy to the broker, giving the only access to itself, as well as the freedom of cross connecting to any liquidity source located anywhere in the world.



## Data & Execution Quality

Failsafe and continuous pricing from multiple providers in parallel. Advanced A and B Book protection algorithms against toxic trading, extreme market conditions or LP pricing faults. LP connections and FIX latency are monitored at all times, taking automatic actions on latency issues.

## Liquidity Aggregation

Sophisticated aggregation algorithms based on individual provider market depth with parallel multi provider execution. VWAP market depth aggregation and order routing for both A and B book trades.

## Private Database

Databases and system configuration can be stored at brokers own server privately, which means only the broker has access to its own private data. FXCubic will not be able to reach the brokers data.

## Full Transparency

All order details and provider tick data are stored historically, accessible visually through the GUI or available for download. FIX logs for individual trades can be viewed easily through the GUI seconds after the trade.

## Extremely Customisable

Very detailed and extensive pricing and order routing customisation, allowing the broker to truly create its own liquidity. All configuration can be done by the broker through the GUI, without requiring a restart.

## Scheduled Configuration

All settings can be configured to change automatically according to the time and day.

## Synthetic Instruments

Synthetic instruments can be created through the GUI by combining instruments already defined on FXCubic. Broker can A or B book synthetic instruments, collect residual positions on order legs and automatically hedge accumulated residuals.

## Copy Trading

Forward or reverse copying on multiple accounts in parallel with volume multiplier. Copy trades for your clients on the trading platform itself.

## Brokerage Profit

Profit increasing features and algorithms: variable fixed spread settings, greatly flexible slippage control rules, brokerage trade profit/loss control variables and other algorithms.

## Risk Management

Broker is able to monitor A and B Book positions on platform accounts, and trade directly from these accounts to hedge or move positions between LP's over the same interface.

## Lightweight & Powerful Architecture

FXCubic liquidity engine is designed for the broker to be able to host the full system on its own server, allowing the broker to form a direct and private connection with its LP's, without compromising on functionality.

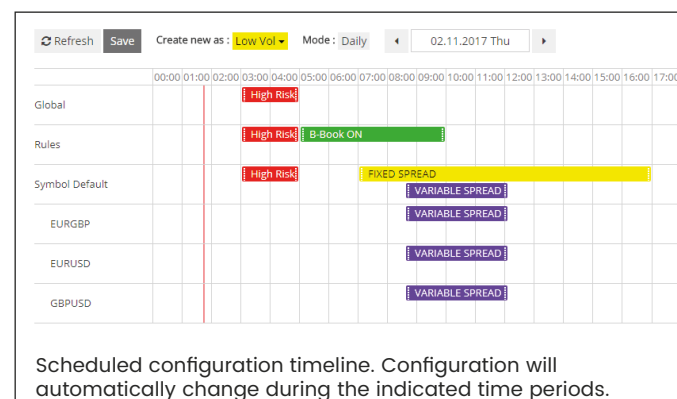
## Platform Integration

As a standalone application, FXCubic can be integrated to any trading platform or can run on its own using FIX API.

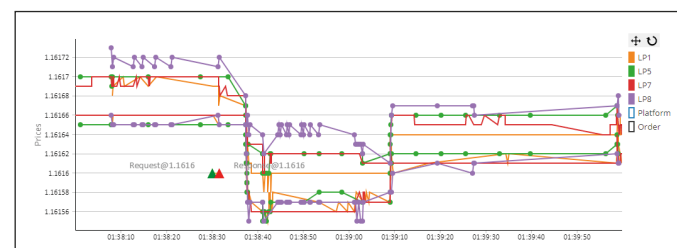
The dashboard displays a 'Providers' table with columns for Name, Trade, Quote, Filled, Rejected, Trade Details, Quote Details, and Queues. It also shows 'Client Fills' with columns for Time (Dur.), Account, Status, Symbol, Type, Act., Side, Price, Size, and Message. A 'Rejects' section shows a failed trade for AUDCAD with a detailed error message: 'Reason: BROKER, Status: REJECTED, Text: The deal amount is larger than is currently available in your account. If you would like to change this limit please contact your Sales representative'.

Weighted	LP1	LP7	LP8	LP5	Price	LP5	LP8
					1,16199	15,000,000	
					1,16195		
					1,16194	10,000,000	
					1,16193		
					1,16192		
					1,16191		250,000
					1,16190		
					1,16189		
					1,16188	5,000,000	
		1,000,000			1,16187		
	1,000,000		250,000		1,16186		
10,000,000				5,000,000	1,16185		
	2,000,000				1,16184		
	3,000,000				1,16183		
	5,500,000				1,16180		
	2,000,000		10,000,000		1,16179		
			15,000,000		1,16174		

VWAP Aggregation depth table, currently aggregating EURUSD for 100 lots as seen on the "Weighted" column.



Scheduled configuration timeline. Configuration will automatically change during the indicated time periods.



Multi-provider price feed and order execution historical analysis.





# FXCUBIC

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