

ENABLE MORE PROFITABLE MARKET MAKING AND REDUCE RISK WITH SPARKCOGNITION TRADING SUITE

Market making for bespoke products traded over the counter (OTC) is typically performed through a request for quote (RFQ) process, where sell-side market makers need to react immediately and precisely to a request originated by a customer.

For the majority of these RFQs, the turnaround time to capitalize on the opportunity is measured in seconds—at most—with the number of requests per day in the thousands. There are simply too many requests for human traders to respond to, with too much risk of error involved and not enough time to process them effectively. SparkCognition Trading Suite allows you to automate OTC market-making activities with speed and agility in sync with dynamic factors like real-time market changes, client profiling, and cover predictions.

HUMAN TRADERS FACE A DIFFICULT PROCESS

- ⊗ A high volume of RFQs needed quickly
- ⊗ Too many questions to answer
- ⊗ Too much risk of error
- ⊗ Not enough time

Trading Suite’s customizable AI engine uses reinforcement learning to exponentially increase your desk’s ability to manage risk, unlocking new value and efficiencies at scale while servicing the liquidity needs of your customers. Proven to outperform human traders even during market dislocations like the recent pandemic, Trading Suite has consistently produced better pricing (hit rate and spread capture) with a 99.9% RFQ response rate for a leading global financial services group.

SparkCognition Trading Suite works like an AI-powered trader on your desk that learns to trade expertly, performing all the tasks that a human trader would do if they had virtually unlimited capacity and market intelligence—only faster and more reliably.

It can respond to thousands of requests per day and process 50+ RFQs at once with latency under 4 milliseconds.

TRADING SUITE’S END-TO-END SOLUTION

- ✔ +9 points better hit-rate than human traders*
- ✔ 2.7X better spread capture*
- ✔ 2.4X better profitability ratio*
- ✔ 99.9% RFQ response rate*

*in past results for a global financial services company, compared to human traders

AI-POWERED MARKET MAKING WITH SPARKCOGNITION TRADING SUITE



After a short period of requisite training with historical data, SparkCognition Trading Suite deploys directly into your environment. All data and trade activity are completely controlled on the client-side and entirely confidential—no dependency on SparkCognition service teams is required to use the product moving forward.

Continuous reinforcement learning helps Trading Suite finely attune to your trading desk functions with every trade it makes, ensuring repeatability, objectivity, and more consistently successful outcomes.

SparkCognition Trading Suite frees your desk from the typically siloed and laborious process of current trading frameworks. Trading Suite's powerful multi-agent intelligence centers create an efficient end-to-end solution for frequently interdependent high/low-value voice trades, electronic trades, and hedging activities.



CLIENT PROFILING

Balance customer relationships, trading patterns, and profitably.



MARKET CONDITIONS

Customize SparkCognition's AI-powered pricing engine to generate quotes.



PRICING & EXECUTION

Automate quoting and unwinding with the dedicated execution manager.



RISK MANAGEMENT

Manage risk throughout the RFQ process per your desk's defined limits (head trader's risk appetite, trading axis views, etc.).



HEDGING & UNWINDING

Calculate the required hedge and unwinding plan based on a holistic view of your trading desks.

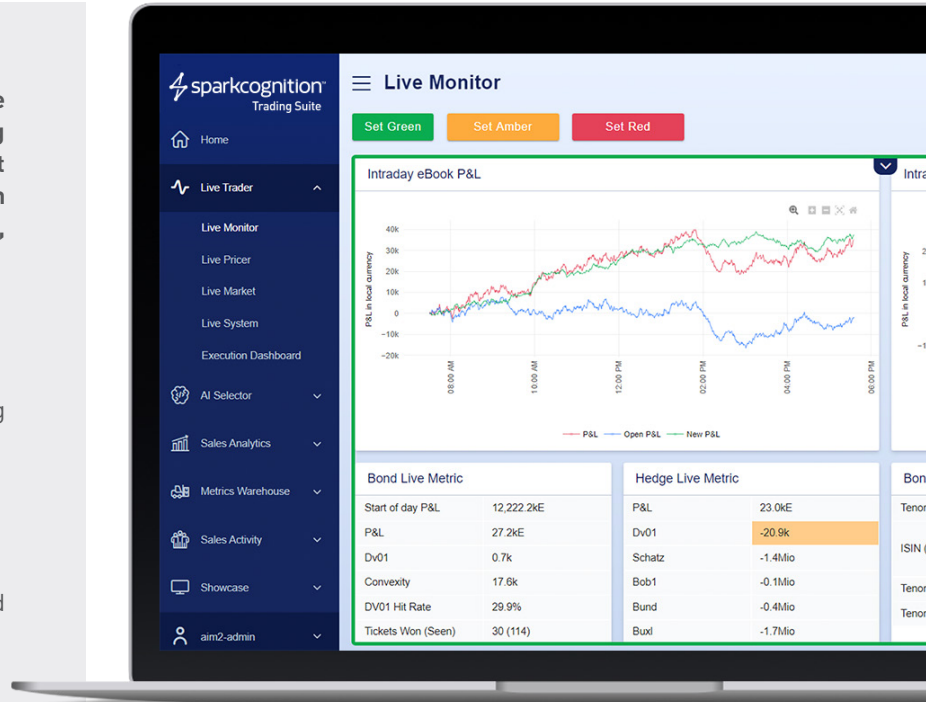


REPORTING & COMPLIANCE

Track performance with transparent reporting and a full audit trail for all trades.

OPTIMIZE YOUR TRADING STRATEGY WITH ADVANCED ALGORITHMIC TRADING

With an intuitive UI orchestrating a holistic view of your trading desk, Trading Suite puts enhanced client and market analytics at your trader's fingertips. Take advantage of advanced AI modeling and reinforcement learning to test-run thousands of viable trading strategies. Select the optimal model for your trading desk's preferred parameters in alignment with evolving market, client, and bank-specific conditions.



From the main dashboard, access the Live Trader tool or navigate into other suite modules.

AMPLIFY THE SPEED, VOLUME, AND INTELLIGENCE OF YOUR TRADING ACTIVITY WITH SPARKCOGNITION TRADING SUITE

SparkCognition Trading Suite is easy to deploy, ultra-efficient, and highly scalable, enhancing your capacity to find and make profitable trades faster and capture more spreads with less risk. Lock in a durable competitive advantage for your business with SparkCognition Trading Suite.

ABOUT SPARKCOGNITION

SparkCognition's award-winning AI solutions allow organizations to predict future outcomes, optimize processes, and prevent cyberattacks. We partner with the world's industry leaders to analyze, optimize, and learn from data, augment human intelligence, drive profitable growth, and achieve operational excellence. Our patented AI, machine learning, and natural language technologies lead the industry in innovation and accelerate digital transformation. Our solutions allow organizations to solve critical challenges—prevent unexpected downtime, maximize asset performance, optimize prices, and ensure worker safety while avoiding zero-day cyberattacks on essential IT and OT infrastructure.

To learn more about how SparkCognition's AI solutions can unlock the power in your data, visit www.sparkcognition.com.