



Accessing Liquidity in Global Derivatives with Charles River and OTCX

A significant number of cleared and uncleared interest rate derivatives are still traded via voice, chat or email despite the associated risk of manual errors. OTCX provides Charles River clients with the ability to seamlessly discover prices and negotiate interest rate swaps, overnight index swaps, inflation swaps, and cross currency (basis or fix-fix) across G10 and EM currencies from Charles River's Order and Execution Management System (**OEMS**).

OTCX offers a regulated trading venue for price discovery and negotiation of both cleared and uncleared OTC derivatives and structured products. With its intuitive user interface, buy side firms can seamlessly communicate their trading interest and execute with their liquidity providers in a risk-controlled framework.



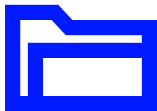
Product Coverage – Cleared and Uncleared

- Interest Rate Swap across 30+ currencies (spot, forward, broken tenor, MMS)
- OIS, FRA, FRA vs OIS
- Basis and Cross-currency swaps (float-float, fix-float, fix-fix)
- Inflation, TRS, ASW
- Swaptions (spot, mid-curve), Caps/Floors
- Amortizing swaps



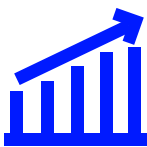
Key Benefits

- Streamline new risk and portfolio operations on cleared and uncleared products on a trading venue
- Designed to reduce trading errors with economic terms fully defined and highlighted off market conventions
- Comprehensive analytics and audit trails to assist trading decisions, best execution, TCA and regulatory reporting
- Leverage extensive pricing and booking APIs to achieve straight-through-processing



Risk and Portfolio Management

- Pre-allocate trades across multiple accounts with pre-trade credit checks
- A single blotter across your desk and region to manage all enquiries
- Request for quote, request for market and request for levels
- Package multiple instruments into one package
- Manage re-coupons, unwinds, rolls, compressions, and novations



Pre-Trade, In-Trade and Post-Trade Analytics

- Integrate public trading data into your trade workflow
- Model overall DV01 and associated NPV
- Dealers ranking based on hit ratios
- Transaction cost analysis and best execution
- Analysis on spreads, slippage, response times
- Dealer performance reports



Control Operational Risk

- Manage risk limits per instrument / currency / size
- Maintain dealer restrictions per account
- STP to MarkitWire and dealers booking systems
- Automated recap e-mails
- Access historical audit trails including chats

About OTCX

OTCX offers a regulated trading venue for price discovery and negotiation of both cleared and uncleared OTC derivatives and structured products. With its intuitive user interface, buy side firms can seamlessly communicate their trading interest and execute with their liquidity providers in a risk-controlled framework. The platform's flexible trade capture, wide range of trading formats and extensive APIs set new standards in OTC trading and remove the dependency on manual processes and fragmented audit trails. OTCX will help you leverage your trading workflows through powerful pre-trade, in-trade and post-trade analytics. We are transforming OTC Derivative trading. Learn more at www.otcxtrading.com.

About Charles River Development, A State Street Company

Investment and wealth managers, asset owners and insurers in over 30 countries rely on Charles River IMS to manage USD \$59 Trillion in assets. Together with State Street's middle and back office services, Charles River's cloud-based front office technology forms the foundation of State Street Alpha®. Charles River IMS helps automate and simplify the investment process across asset classes, from portfolio management and risk analytics through trading and post-trade settlement, with integrated compliance and managed data throughout. Charles River for Private Markets helps solve complex data challenges for investors in private credit, real estate, private equity, and infrastructure. Charles River's partner ecosystem enables clients to access the data, analytics, application and liquidity providers that support their product and asset class mix. With more than 157% increase in headcount over the last 6+ years, Charles River serves clients globally offering 24/7 support. Learn more at crd.com

(Statistics as of Q3 2024. Assets are inclusive of clients using the platform for purposes of secondary compliance.)

About State Street Corporation

State Street Corporation (NYSE: STT) is one of the world's leading providers of financial services to institutional investors including investment servicing, investment management and investment research and trading. With USD \$46.8 trillion in assets under custody and/or administration and USD \$4.7 trillion* in assets under management as of September 30, 2024, State Street operates globally in more than 100 geographic markets and employs approximately 53,000 worldwide. For more information, visit State Street's website at statestreet.com.

* Assets under management as of September 30, 2024 includes approximately USD \$83 billion of assets with respect to SPDR® products for which State Street Global Advisors Funds Distributors, LLC (SSGA FD) acts solely as the marketing agent. SSGA FD and State Street Global Advisors are affiliated.

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