

# Interfaces & Partners

As of October 2023

## Analytics & Risk

ChartIQ  
Qontigo – fka Axioma  
FINCAD  
MSCI

Northfield  
OTAS  
The Yield Book Inc.

## Collateral Management

Acadia Soft

Cassini

## Data

Bloomberg B-Pipe  
Bloomberg Data License  
Bloomberg Desktop API  
Bloomberg Server API

Charles River Data Service – Reference  
Charles River Data Service – Real-Time  
Charles River Data Service – Benchmarks

## Equity Algo Trading

Abel/Noser  
Aqua Securities, L.P  
Auerbach Grayson  
Barclay’s Capital  
Berenberg Bank  
BMO Capital Markets Corp  
BMO Nesbitt Burns  
BNP Paribas  
BofA Securities  
BTIG, LLC  
Canaccord Capital  
Cantor Fitzgerald & Co.  
Capital Institutional Svcs  
China International Capital Corporation Hong Kong Securities Limited  
CGS CIMB Securities (Singapore) Pte Ltd  
Citigroup  
Clearpool, Group  
CLSA Limited

Commonwealth Securities, Ltd  
ConvergEx Execution Solutions  
Cowen & Company, LLC.  
Daiwa Capital Securities Markets Co. Ltd  
Dash Financial  
Deutsche Bank  
DnB NOR Bank ASA  
Drexel  
DZ Bank  
Exane  
Fidelity Capital Markets  
FOX River Execution  
Goldman Sachs  
Guggenheim Securities LLC  
Haitong International Information Systems Limited  
HSBC  
Ichiyoshi Securities Co, Ltd  
Instinet  
Investec Securities Limited

Information Classification \*General

ISI Group  
ITG Inc.  
Jefferies & Company  
Jones Trading Institutional Svcs LLC  
JP Morgan  
Keybank  
Kepler Cheuvreux  
Knight Securities  
Leerink Swann & Co.  
Lek Securities Corporation  
Liquidnet  
Macquarie Securities  
Maybank KimEng Securities Pte Ltd  
Marex Financial  
Mizuho Securities  
MKM Holdings  
MND Partners Inc.  
Morgan Stanley  
Morgans Financial  
National Bank Financial Inc.  
Nomura Securities  
Oddo BHF SCA  
Okasan Securities Co.,Ltd.

Piper Jaffray  
Potamus Trading LLC  
Raymond James  
Royal Bank of Canada  
Royal Bank of Scotland  
Redburn Partners LLP  
R.W. Baird  
Sanford Bernstein  
Santander Investment Securities, Inc.  
SMBC Nikko Securities  
Spectron Services Ltd.  
Societe Generale  
State Street Global Markets  
Stifel Nicolaus  
The Bank of Nova Scotia  
Tokai Tokyo Securities Co, Ltd.  
UBS  
Virtu Financial Capital Markets LLC  
Wall Street Access  
Wallach Beth  
Weeden & Co, Inc.  
Wells Fargo  
William Blair & Company

## Equity Crossing Networks

### Direct Integration:

BIDS Trading  
BlockCross  
ITG Posit

Liquidnet  
Luminex

### Integration via Broker Algorithms:

Citibank Liquifi, CitiMatch (Citigroup)  
Instinet Chi-X (Instinet)  
MS Pool (Morgan Stanley)

PIN (UBS)  
Turquoise  
SigmaX (Goldman Sachs)

## Foreign Exchange Trading

### FX Algo

BNP Paribas  
Credit Suisse

JP Morgan

### Multi-Bank Portals

Information Classification \*General

360T  
FX All

FX Connect

#### **Direct Bank Execution**

Barclays PLC  
Citigroup  
Deutsche Bank  
Goldman Sachs

Morgan Stanley  
Skandinaviska Enskilda Banken  
UBS

### **Derivatives Trading**

#### **Derivatives Algorithms - Futures**

Barclays Capital Inc.  
Bank of America Merrill Lynch  
Goldman Sachs  
JP Morgan Securities

Morgan Stanley  
Quantitative Brokers  
Societe Generale  
UBS

#### **Derivatives Algorithms – Options**

Bank of America Merrill Lynch  
Citigroup  
DZ Bank  
Goldman Sachs

MKM Partners  
Morgan Stanley  
Susquehanna Financial Group LLLP

#### **Futures – Direct Execution**

Agora Corretora de Titulos e Valores  
Banca IMI S.p.A  
Bank of America Merrill Lynch  
Barclays Capital Inc.  
Bayerische Hypo- und Vereinsbank AG  
Bell Potter Securities, Ltd.  
BGC Financial, L.P.  
Bloomberg Tradebook LLC  
BMO Capital Markets Corp  
BNP Paribas Arbitrage SNC  
CACEIS BANK FRANCE  
CITIC Securities International Co. Ltd.  
Citigroup Global Markets, Inc.  
Coex Partners LLP  
Danske Bank  
Deutsche Bank AG  
ED&F Man Capital Markets Limited  
Edelweiss Securities Limited  
Exane SA  
Goldman Sachs

GFI Brokers Limited  
HSBC Securities Inc.  
ICAP Corporates LLC  
INTL FCStone Financial Inc.  
Itau BBA USA Securities, Inc.  
RFQ-hub  
JP Morgan Securities  
Macquarie Capital Securities Ltd  
Marex Financial Limited ("Marex Spectron")  
Mediobanca -Banca di Credito Finanziario SPA  
Morgan Stanley & Co. LLC  
Newedge Group S.A.  
Nomura International PLC  
Nordea Bank AB  
RBC Capital Markets, LLC  
The Royal Bank of Scotland plc  
Skandinaviska Enskilda Banken  
Societe Generale  
Spectron Services Ltd.  
Svenska Handelsbanken AB

Information Classification \*General

The Royal Bank of Scotland plc  
Tullett Prebon Financial Services, LLC  
UBS Securities LLC

### **Options – Direct Execution**

Bank of America Merrill Lynch  
Barclays Capital Inc.  
Bay Crest Partners, LLC  
Bayerische Hypo- und Vereinsbank AG  
BGC Financial, L.P.  
Bloomberg Tradebook LLC  
BMO Capital Markets Corp  
BMO Nesbitt Burns  
BNP Paribas Securities Corp.  
BTIG, LLC  
Cantor Fitzgerald & Co.  
Capital Institutional Svcs  
Churchill Capital Ltd  
CIBC World Markets Corp  
Citigroup Global Markets, Inc.  
Cowen & Company, LLC.  
Deutsche Bank AG  
Goldman Sachs  
Goldman Sachs Australia Svcs Pty Ltd  
Hapoalim Securities USA, Inc.  
HSBC Securities (USA) Inc.  
Instinet  
Interactive Brokers LLC  
ITG, Inc.  
Itau BBA USA Securities, Inc  
Jefferies & Company  
Jones Trading Institutional Svcs LLC  
JP Morgan Securities

Wells Fargo Securities, LLC  
Wedbush Securities Inc.

Knight Trading  
Leerink Swann & Company  
Macquarie Capital Securities Ltd  
Macro Risk Advisors LLC  
Mediobanca -Banca di Credito Finanziario SPA  
Merrill Lynch, Pierce, Fenner & Smith Inc.  
MKM Partners  
Morgan Stanley & Co. LLC  
National Bank Financial Inc.  
Newedge Group S.A.  
Nomura International PLC  
Nomura Securities International, Inc.  
Nordea Bank AB  
Oppenheimer & Co. Inc.  
OTR Global Trading LLC  
Patersons Securities Limited  
Raymond James  
RBC, The Royal Bank of Canada  
Sanford C. Bernstein & Co., LLC  
Sea Port Group Securities  
Societe Generale  
Stifel Financial Corp.  
Susquehanna Financial Group LLLP  
TD Securities Inc.  
The Royal Bank of Scotland plc  
UBS Securities LLC  
Wells Fargo Securities  
Wolverine Execution Services

## **Fixed Income Trading**

### **Venues**

Bloomberg  
Liquidnet  
LTX  
Market Axess  
MTS – BondVision  
MTS - BondsPro

Tradeweb  
Trumid  
WaveLabs  
YieldBroker

Information Classification \*General

## Inventory

BondCliQ  
Headlands Tech Global Markets  
Neptune  
Market Axess  
MTS – BondsPro

Stifel  
Tradeweb  
Trumid

## New Issues

Directbooks  
Liquidnet

Ipreo Investor Access (Corps)

## MiFID II

### Approved Reporting Mechanism (ARM)

TRAX

UnaVista

### Approved Publication Arrangement (APA)

TradeEcho

TRAX

## Post-Trade FIX Allocation Brokers

ABG Sundal Collier  
ABN AMRO Bank N.V.  
Atisa Securities (Pty) Ltd  
Auerbach Grayson  
Banca Generali SpA  
Barclays Capital Inc.  
Bayerische Hypo- und Vereinsbank AG  
BMO Capital Markets Corp  
BNP Paribas Securities (Asia) Limited  
BofA Securities, Inc.  
BTIG, LLC  
Canaccord Adams, Inc.  
Canaccord Financial Ltd.  
Cantor Fitzgerald & Company  
CGS - CIMB Securities (Singapore) Pte Ltd  
Charles Schwab & Company  
Citigroup Global Markets, Inc.  
CLSA Limited  
Cowen & Company, LLC.  
Daiwa Securities Co. Ltd.  
Deutsche Bank AG

Exane SA  
Fidelity Capital Markets  
Goldman Sachs  
HSBC Securities (USA) Inc.  
Ichiyoshi Securities Co Ltd  
ING Group  
Instinet Group, LLC  
Investec Bank (UK), Ltd.  
ISI Group  
Jefferies & Company  
Jefferies International Limited  
Jones Trading Institutional Svcs LLC  
JP Morgan Securities  
Keefe, Bruyette & Woods, Inc.  
Kela Securities (Pty) Ltd  
Kepler Capital Markets  
Liquidnet Inc  
Loop Capital  
Macquarie Capital Securities Ltd  
Mischler Financial Group, Inc.  
Mizuho Securities

Information Classification \*General

Morgan Stanley & Co. LLC  
Nomura International PLC  
Nomura Securities International, Inc.  
Northern Trust Securities Incorporated  
Okasan Securities Co.,Ltd.  
Oppenheimer & Co. Inc.  
Pavilion Global Markets Ltd  
Penserra Securities LLC  
Pershing LLC  
Peters and Co.  
Pictet Overseas Inc  
Piper Sandler & Co.  
Pollitt & Co  
Raymond James Ltd  
RBC Capital Markets  
Renaissance Capital Limited  
Robert W Baird & Co.  
Sanford C. Bernstein & Co., LLC

SBI SECURITIES Co., Ltd.  
SMBC Nikko Securities Inc.  
Societe Generale  
State Street Global Markets  
Stifel, Nicolaus & Company, Inc.  
Strategas Securities LLC  
TD Ameritrade  
TD Securities Inc.  
TFS Derivatives  
Tokai Tokyo Securities Japan  
UBS Securities LLC  
Virtu Americas LLC  
Wallach Beth Capital LLC  
Weeden & Co. LP  
Wells Fargo Securities, LLC  
William Blair & Company

## Post-Trade Systems

Charles River supplies standard file formats (flat files or XML) as well as a library of exports formats and these additional interfaces:

DTCC Deriv/SERV  
FICC/Fixed Income Clearing Corporation (MBS Electronic Pool Notification)

FIX 4.2/4.4 allocations (TradeWeb, MarketAxess, FX venues, equity brokers)  
ISO 15022  
MarkitSERV  
SWIFT – via Broadridge

## Prime Brokers

Goldman Sachs  
Morgan Stanley

UBS

## Transaction Cost Analysis

Abel Noser  
Barclays  
BestX  
IHS Markit

Morgan Stanley Analytics  
UBS  
Virtu ITG

## Value Based Trading

**Calastone Transaction Services – 34 countries**

Information Classification \*General

Transfer Agents (Fund Providers)

DST (55)

Northern Trust (52)

Capita (46)

RBC (37)

State Street (34)

BNY Mellon(32)

HSBC (31)

Self TA (26)

BBH (21)

Maitland (18)

Citibank (15)

DZ Private Bank (15)

BNP Paribas (13)

Fund Partner Solutions (12)

T Bailey (11)

JPM (10)

SEI (8)

European Fund Administration (6)

Maples (4)

Allianz Lux (3)

Valu-Trac (3)

FNZ (3)

Others (19)

Information Classification \*General

# View our Partner Page at: [crd.com/partners](https://crd.com/partners)

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Investment, wealth and alternative managers, asset owners and insurers in 30 countries rely on Charles River IMS to manage USD \$36 Trillion in assets. Together with State Street's middle and back office services, Charles River's cloud-deployed front office technology forms the foundation of State Street Alpha<sup>SM</sup>. Charles River 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's partner ecosystem enables clients to access the data, analytics, application and liquidity providers that support their product and asset class mix. We serve clients globally with more than 1,200 employees in 11 regional offices. (As of Q4 2021)

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