

## LiquidityBook's FIX Connectivity Clients

ABG Sundal Collier ASA	CAPIS
ABSA Africa	Capital One Securities, Inc.
Alliance Bernstein	Carnegie Investment Bank
Alliance Global Partners	CCZ Statton Equities Pty Ltd
Alpine Partners VI, LLC	Celadon Financial Group, LLC
Altacorp Capital	China International Capital Corporation
Americas Execution, LLC	China Renaissance Securities Inc
APEX Fintech Solutions	Churchill Capital Ltd
Arctic Securities	CIBC Capital Markets Canada
ATB Capital Markets	Citadel Securities LLC
Auerbach Grayson and Company	Citigroup Global Markets, Inc.
Avalon Capital Partners Limited	Clarksons Platou Securities, Inc.
Avior Capital Markets (Pty) Limited	Clear Street LLC
B. Riley & Co.	Clearpool Group
Bank of America Merrill Lynch	CLSA Americas
Barclays Capital, Inc.	CLSA Limited
Barrenjoey Markets Pty Limited	Colliers
Bell Potter Securities Ltd	Compass Point Research & Trading LLC
Benchmark Company	Cornerstone Macro, LLC
Berenberg, Gossler & Co. KG	Cowen and Company, LLC
BIDS Trading	Cowen Prime Services
Blue Ocean Equities	CQG
BMO Capital Markets Corp.	Craig-Hallum Capital Group
BNP Paribas	Craigs Investment Partners Limited
BNY ConvergeEx Execution Solutions, LLC	Credit Suisse
BOK Financial Securities, Inc	Crestline Management, L.P.
Broad Street Capital Markets LLC	Cuttone & Co.
BTIG	D.A. Davidson & Co.
Bumped Financial LLC	Daiwa Capital Markets
Bumped Financial LLC	Dalzell Trading
Canaccord Adams	Dash Financial Technologies
Canaccord Genuity LTD	Desjardins Securities Inc.
Cantor Fitzgerald & Co.	Deutsche Bank Securities, Inc.

DNB Bank ASA  
E&P Financial Group Limited  
EBX LLC  
Elevation LLC  
Empire Asset Management Group LLC  
Evercore Group L.L.C.  
Exane Limited  
Exotix Partners LLP  
FBN Securities  
Feretti Group, Inc.  
Fidelity Capital Markets  
Financial Brokerage Group  
FinnCap  
FXall  
Gabelli & Company, Inc.  
Goldman Sachs & Co.  
Guggenheim Securities  
Handelsbanken  
Hartleys Limited  
Hauck Aufhäuser Lampe  
HedgeCoVest, LLC  
Howard Weil-Scotia Capital (USA), Inc.  
HSBC  
Huatai  
Instinet  
Investec Bank PLC  
ISI Group  
ITG, Inc.  
J.P. Morgan Securities, LLC  
Janney Montgomery Scott, LLC  
Jarden Australia Partners Pty Ltd  
Jefferies Investment Advisers, LLC  
Jefferies LLC  
JMP Securities LLC  
Johnson Rice & Co LLC  
Jones Trading Institutional Services  
Katz Capital  
Keefe, Bruyette & Woods, Inc.  
Kepler Cheuvreux  
KeyBanc Capital Markets  
Knight Securities  
Ladenburg Thalmann & Co. Inc  
Lake Street Capital Markets LLC  
[Leerink Swann Inc.](#)  
Liquidnet Europe Limited  
Liquidnet Holdings  
Livermore Trading  
Loop Capital Markets  
Louis Capital Markets UK LLP  
LPS Capital LLC  
Luminex Trading & Analytics LLC  
Macquarie Capital (Europe) Limited  
Macquarie Capital Markets Canada, Ltd.  
Macro Risk Advisors  
Makor Securities  
Mariana UFP LLP  
Market Securities LLC  
Maxim Group, LLC  
Meitav Dash  
Mint Partners  
Mint Partners (BGC Financial)  
Mirae Securities  
Mission Creek Capital Partners, Inc.  
Mitsubishi UFJ Morgan Stanley Securities  
Mizuho Securities  
MKM Partners,LLC  
Moelis & Company  
Monness, Crespi, Hardt & Co  
Morgan Stanley  
MPS Global Securities, LLC  
MST Financial Services Pty Ltd  
Needham & Co

Nirvana Solutions  
Nomura Securities  
Nordea Bank Abp  
Northcoast Research Partners LLC  
Northern Trust Securities, Inc.  
[Northland Securities Inc.](#)  
Numis Securities Inc.  
ODDO BHF Securities  
Odeon Capital  
Olivetree Financial  
Oppenheimer & Co, Inc.  
Ord Minnett Security Ltd  
Oscar Gruss & Son Inc.  
Outset Global, LLP  
PAC Partners Securities Pty Ltd  
Pareto Securities AS  
PCA LLC  
Penserra Securities LLC  
Peters & Co. Limited  
Pier 88 Investment Partners, LLC  
Piper Sandler  
PSG Capital LLC  
[Puma Capital](#)  
R.W.Baird  
Ravenscroft Group  
Raymond James & Associates, Inc.  
RBC  
RBS Morgans Ltd  
Redburn (Europe) Limited  
Renaissance Securities (Cyprus) Limited  
Rice, Voelker LLC  
Rosenblatt Securities Inc  
Roth Capital Partners  
Sanford C. Bernstein & Co., LLC  
SBI Securities  
Scotiabank  
Seaport Global Securities LLC  
Shaw and Partners Limited  
Skandinaviska Enskilda Banken Securities, Inc.  
SMBC Nikko Securities Inc.  
Societe Generale  
Societe Generale London Branch  
Stephens Inc.  
Stifel Nicholas  
Strategas Securities, LLC  
Stuart Frankel  
Sunrise Brokers LLC  
SunTrust Robinson Humphrey  
Susquehanna  
SVB Leerink  
Tavira Securities  
Taylor Collison Limited  
TD Securities (USA) LLC  
TFI International Securities Group, Ltd.  
The Seaport Group Europe LLP  
ThinkEquity LLC  
Tourmaline, LLC  
Tradition Securities and Derivatives, Inc  
Tradition, Nova Execution Services  
Tudor Pickering Holt  
Tullett Prebon  
UBS  
United First Partners  
Vertical Group  
Virtu Americas  
Wall Street Access  
Wedbush Securities Inc.  
Wells Fargo Securities LLC  
William Blair  
William O'Neil Securities  
Williams Trading  
Wilson HTM Limited

Winterflood Securities Ltd.