



Global Equities: Markets & Venues

Total connectivity: **140 venues** across **21 markets** in North America, Europe, and Asia Pacific.

— MARKET COVERAGE

North America2	Europe15	Asia Pacific4
• USA • Canada	• United Kingdom • Netherlands • Spain • Belgium • Denmark • Ireland • Germany • Finland • Portugal • Italy • Norway • France • Sweden • Switzerland • Austria	• Singapore • Japan • Hong Kong • Australia + More markets coming soon

— VENUE COVERAGE SUMMARY

54 United States	19 Canada	56 Europe	11 Asia Pacific
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*Venues that support conditional orders

**Developed Europe: AT, BE, DK, NL, FI, FR, DE, IT, IE, NO, PT, ES, SE

VENUE	MIC	COUNTRY	VENUE TYPE	DISPLAY TYPE	FEE MODEL
24X National Exchange	24EX	US	Exchange	Lit	Maker Taker
Cboe BYX	BATY	US	Exchange	Lit	Inverted
Cboe BZX	BATS	US	Exchange	Lit	Maker Taker
Cboe EDGA	EDGA	US	Exchange	Lit	Maker Taker
Cboe EDGX	EDGX	US	Exchange	Lit	Maker Taker
Investors Exchange	IEXG	US	Exchange	Lit	Flat Fee
Long-Term Stock Exchange	LTSE	US	Exchange	Lit	Maker Taker
Members Exchange	MEMX	US	Exchange	Lit	Maker Taker
MIAX Pearl	EPRL	US	Exchange	Lit	Maker Taker
Nasdaq	XNAS	US	Exchange	Lit	Maker Taker
Nasdaq PSX	XPSX	US	Exchange	Lit	Maker Taker
Nasdaq Texas	XBOS	US	Exchange	Lit	Flat Fee
New York Stock Exchange (NYSE)	XNYS	US	Exchange	Lit	Maker Taker
NYSE American	XASE	US	Exchange	Lit	Maker Taker
NYSE Arca	ARCX	US	Exchange	Lit	Maker Taker
NYSE Texas	XCHI	US	Exchange	Lit	Flat Fee
NYSE National	XCIS	US	Exchange	Lit	Inverted
Nasdaq M-ELO	MELO	US	Exchange Segment	Dark (Mid)	Flat Fee
Nasdaq PSX Dark	PSXD	US	Exchange Segment	Dark (Mid)	Inverted
AlphaX US	ALPX	US	ATS*	Dark	–
BofA Instinct-X	BAML	US	ATS*	Dark	–
BIDS	BIDS	US	ATS*	Dark	–
BNPP Cortex	BNPC	US	ATS*	Dark	–
Instinet CBX	ICBX	US	ATS	Dark	–
Citi-ONE	ONEC	US	ATS*	Dark	–
CODA Markets	CODA	US	ATS*	Dark	–
CrossStream	XSTM	US	ATS*	Dark	–
Instinet BlockCross	BLKX	US	ATS*	Conditional	–
IntelligentCross Aspen	ASPN	US	ATS	Lit Near-Touch	–
IntelligentCross Midpoint	INCR	US	ATS	Dark	–
JPM-X	JPMX	US	ATS*	Dark	–
Level ATS	LEVL	US	ATS*	Dark	–
Level ATS VWAP Cross	EBXV	US	ATS*	Dark	–
Liquidnet H2O	LIUH	US	ATS*	Dark	–
MS Pool ATS-4	MSPL	US	ATS	Dark	–

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VENUE	MIC	COUNTRY	VENUE TYPE	DISPLAY TYPE	FEE MODEL
Mosaic ATS	MOAT	US	ATS	Dark	-
OneChronos	CGXS	US	ATS	Dark	-
PureStream	STRM	US	ATS*	Dark	-
SIGMA X2	SGMT	US	ATS*	Dark	-
Barclays LX	BARX	US	ATS*	Dark	-
UBS ATS	UBSA	US	ATS*	Dark	-
Virtu MatchIt	VFMI	US	ATS	Dark	-
Virtu POSIT	ITGI	US	ATS*	Conditional	-
BestEx Research Trajectory Cross (Level ATS)	LEVL	US	Trajectory Cross	Dark	-
Jefferies Trajectory Cross (Level ATS)	LEVL	US	Trajectory Cross	Dark	-
RBC Trajectory Cross (Level ATS)	LEVL	US	Trajectory Cross	Dark	-
INCA Trajectory Cross (Level ATS)	LEVL	US	Trajectory Cross	Dark	-
Barclays Trajectory Cross (Level ATS)	LEVL	US	Trajectory Cross	Dark	-
Citi-One Trajectory Cross	ONEC	US	Trajectory Cross	Dark	-
Citadel Connect	CDED	US	SDP	Bilateral	-
Hudson River Trading	HRTX	US	SDP	Bilateral	-
Jane Street JX	JSES	US	SDP	Bilateral	-
VEQ Link	KNLI	US	SDP	Bilateral	-
MCAP QwickRoute	MCAP	US	SDP/RFQ	Dark	-

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VENUE	MIC	COUNTRY	VENUE TYPE	DISPLAY TYPE	FEE MODEL
Canadian Securities Exchange	XCNQ	CA	Exchange	Lit	Maker Taker
CSE2	CSE2	CA	Exchange	Lit	Inverted
CSE Pure	PURE	CA	Exchange	Lit	Inverted
Cboe Canada NEO-N (Market by price)	NEON	CA	Exchange	Lit	Inverted
Cboe Canada NEO-L	NEOE	CA	Exchange	Lit	Maker Taker
Toronto Stock Exchange	XTSE	CA	Exchange	Lit	Maker Taker
TSX Alpha Exchange	XATS	CA	Exchange	Lit	Inverted
TSX Venture Exchange	XTSX	CA	Exchange	Lit	Maker Taker
Cboe Canada NEO-D	NEOD	CA	Exchange	Dark	-
Toronto Stock Exchange - Drk	XDRK	CA	Exchange	Dark	-
TSX Venture Exchange - Drk	VDRK	CA	Exchange	Dark	-
Nasdaq CXC ATS	CHIC	CA	ATS	Lit	Maker Taker
Nasdaq CX2	XCX2	CA	ATS	Lit	Inverted
Lynx ATS	LYNX	CA	ATS	Lit	Maker Taker
Omega ATS	OMGA	CA	ATS	Lit	Inverted
Instinet Canada Cross	XICX	CA	ATS	Dark (Cross)	-
Liquidnet Canada ATS	LICA	CA	ATS	Conditional	-
Cboe MATCHNow	MATN	CA	ATS	Dark	-
Nasdaq CXD	XCXD	CA	ATS	Dark	-

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VENUE	MIC	COUNTRY	TYPE	DISPLAY TYPE
Euronext Amsterdam	XAMS	NL	Exchange	Lit
Euronext Brussels	XBRU	BE	Exchange	Lit
Nasdaq Nordic Copenhagen	XCSE	DK	Exchange	Lit
Euronext Dublin	XDUB	IE	Exchange	Lit
Xetra	XETR	DE	Exchange	Lit
Nasdaq Nordic Helsinki	XHEL	FI	Exchange	Lit
Euronext Lisbon	XLIS	PT	Exchange	Lit
London Stock Exchange	XLON	UK	Exchange	Lit
Madrid Stock Exchange	XMAD	ES	Exchange	Lit
Borsa Italiana Equities AFF	XMIL	IT	Exchange	Lit
Euronext Oslo Bors	XOSL	NO	Exchange	Lit
Euronext Paris	XPAR	FR	Exchange	Lit
Nasdaq Nordic Stockholm	XSTO	SE	Exchange	Lit
SIX Swiss Main	XSWX	CH	Exchange	Lit
Vienna Stock Exchange	XWBO	AT	Exchange	Lit
NASDAQ Copenhagen Auction on Demand	MCSE	DK	Exchange Segment	Periodic Auction
NASDAQ Helsinki Auction on Demand	MHEL	FI	Exchange Segment	Periodic Auction
NASDAQ Stockholm Auction on Demand	MSTO	SE	Exchange Segment	Periodic Auction
Aquis EU Periodic Auction	AQEA	Dev EU	MTF	Periodic Auction
Aquis EU Dark	AQED	Dev EU	MTF	Dark
Aquis EU	AQEU	Dev EU	MTF	Lit
Aquis UK Periodic Auction	AQXA	CH, UK	MTF	Periodic Auction
Aquis UK Dark	AQXD	CH, UK	MTF	Dark
Aquis UK	AQXE	CH, UK	MTF	Lit
CBOE BXE Dark	BATD	CH, UK	MTF	Dark
CBOE BXE	BATE	CH, UK	MTF	Lit
CBOE BXE Periodic Auction	BATP	CH, UK	MTF	Periodic Auction
CBOE DXE Periodic Auction	BEUP	Dev EU	MTF	Periodic Auction
BlockMatch UK	BLOX	CH, UK	MTF	Dark
CBOE DXE Dark	CEUD	Dev EU	MTF	Dark
CBOE DXE	CEUX	Dev EU	MTF	Lit
CBOE CXE Dark	CHID	CH, UK	MTF	Dark
CBOE CXE	CHIX	CH, UK	MTF	Lit
NASDAQ Copenhagen Nordic At Mid	DCSE	DK	MTF	Dark
NASDAQ Helsinki Nordic At Mid	DHEL	FI	MTF	Dark
NASDAQ Stockholm Nordic At Mid	DSTO	SE	MTF	Dark

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VENUE	MIC	COUNTRY	TYPE	DISPLAY TYPE
BlockMatch EU	EBLX	Dev EU	MTF	Dark
CBOE BIDS LIS UK Equities	LISX	CH, UK	MTF	Conditional
CBOE BIDS LIS NL Equities	LISZ	Dev EU	MTF	Conditional
SigmaX Dark Europe	SGMU	Dev EU	MTF	Dark
SigmaX Europe Periodic Auction	SGMV	Dev EU	MTF	Periodic Auction
SigmaX Dark UK	SGMX	CH, UK	MTF	Dark
SigmaX UK Periodic Auction	SGMY	CH, UK	MTF	Periodic Auction
Turquoise EU Periodic Auction	TQEA	Dev EU	MTF	Periodic Auction
Turquoise Plato EU Dark	TQEM	Dev EU	MTF	Dark
Turquoise EU	TQEX	Dev EU	MTF	Lit
Turquoise UK Periodic Auction	TRQA	CH, UK	MTF	Periodic Auction
Turquoise Plato UK Dark	TRQM	CH, UK	MTF	Dark
Turquoise UK	TRQX	CH, UK	MTF	Lit
Vienna Stock Exchange Dark	WBDM	AT	MTF	Dark
Xetra Dark	XEMA	DE	MTF	Dark
Virtu Posit EU Periodic Auction	XPAC	Dev EU	MTF	Periodic Auction
Virtu Posit UK Periodic Auction	XPAL	CH, UK	MTF	Periodic Auction
Virtu Posit UK Dark	XPOL	CH, UK	MTF	Dark
Virtu Posit EU Dark	XPOS	Dev EU	MTF	Dark
Swiss At Mid	XSWM	CH	MTF	Dark

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VENUE	MIC	COUNTRY	TYPE	DISPLAY TYPE
Australian Securities Exchange	XASX	AU	Exchange	Lit
CBOE Australia	CXAC	AU	Exchange	Lit
Hong Kong Stock Exchange	XHKG	HK	Exchange	Lit
Singapore Stock Exchange	XSES	SG	Exchange	Lit
Tokyo Stock Exchange	XTKS	JP	Exchange	Lit
Australian Securities Exchange Centerpoint	ASXC	AU	Exchange	Dark (Mid)
CBOE Australia Far-Point Venue	CXAF	AU	Exchange	Dark (Far)
CBOE Australia Mid-Point Venue	CXAP	AU	Exchange	Dark (Mid)
CBOE Australia Near-Point Venue	CXAN	AU	Exchange	Dark (Near)
Citi Match Hong Kong	CGMH	HK	ATS	Dark
Citi Match Japan	CITX	JP	ATS	Dark

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