

US Equities Market Execution Venues

Venue Type	Venue	Venue Type	Venue
Exchange	BYX	ATS	Barclays LX
	BZX		BIDS Trading ATS
	NYSE Chicago		BlockCross ATS (Instinet)
	EDGA		BNPP Cortex*
	EDGX		Citi-ONE*
	IEX		CODA Markets
	LTSE		CrossStream® (Fidelity)
	MEMX		GS Sigma X2
	MIAX		Instinct-X®
	NASDAQ		Instinet CBX™ US
	NASDAQ BX		Intelligent Cross
	NASDAQ PSX		Intelligent Cross Aspen
	NYSE		ITG POSIT
	NYSE American		JPM-X
	NYSE Arca		Level ATS
	NYSE National		Level ATS - VWAP
	Liquidnet H2O		
	OneChronos ATS*		
	Purestream ATS		
	UBS ATS		
	Virtu MatchIt		
	Citadel Connect		
	Jane Street JX		
	Hudson River Trading		
	VEQ Link		
	XTX Execution Services		

* BofA directed routing via 3rd Party Broker Dealer

BofA Securities (BofA) has in place connectivity to the Regulation NMS market centers with protected quotes. We are connected to a select group of crossing networks, which we evaluate on a continuous basis to seek the best performance for our clients.

How each market is accessed varies based on the strategy or client instruction.

We are equipped to stop routing specific orders to a venue upon a client's request except when legal, regulatory or policy requirements prevent such action.

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BofA Securities' Smart Order Router accesses a number of SEC-registered ATSS, which may change from time to time.

The table below is a representation of various attributes* specific to that ATS**. Actual interactions may vary by strategy and by client.

Venue	MPID	MIC	Market Data	Conditional Support	Price Improvement Opportunity	MinQty Support	No Aggregation for MinQty	Order Types	Time In Force	Peg Types	Odd Lot Support	Segmentation Filtering Available	Execution Priority	MinQty Requirements
Barclays LX	LATS	BARX	Direct	x	x	x	x	Market, Limit, Peg	Day, IOC	Near, Mid, Far	x	x	Price/Tier/Time	Mixed lot/Odd lot/Round lot
BIDS Trading ATS	BIDS	BIDS	Direct	x		x	x	Market, Limit, Peg	Day, IOC	Near, Mid, Far			Price/Size/Time	Round Lot
BlockCross ATS (Instinet)	BLKX	BLKX	SIP	x		x (5K min)	x	Market, Limit, Peg	Day, IOC	Near, Mid, Far			Price/Time	Round Lot
BNPP Cortex	CODA	BNPC	Direct	x	x	x		Market, Limit, Peg	Day, IOC	Near, Mid, Far	x	x	Price/Time	Round Lot
Citi-ONE	CODA	ONEC	Direct	x	x	x		Market, Limit, Peg	Day, IOC	Near, Mid, Far	x	x	Price/Size/Time	Mixed lot/Odd lot/Round lot
CODA Markets	CODA	CODA	SIP	x	x	x	x	Market, Limit, Peg	Day	Near, Mid, Far			Price/Time	Round Lot
CrossStream* (Fidelity)	XSTM	XSTM	Direct		x	x	x	Market, Limit, Peg	Day, IOC	Near, Mid, Far		x	Price/Probabilistic Size	Mixed
GS Sigma X2	SGMT	SGMT	Direct		x	x	x	Market, Limit, Peg	Day, IOC	Near, Mid, Far	x	x	Price/Broker/Time	Round Lot
Instinct-X®	MLIX	BAML	Direct	x	x	x	x	Market, Limit, Peg	Day, IOC	Near, Mid, Far	x	x	Price/Client Segment/Time	Mixed lot/Odd lot/Round lot
Instinet CBX™ US	ICBX	ICBX	SIP		x	x	x	Market, Limit, Peg	Day, IOC	Near, Mid, Far			Price/Time	Mixed lot/Round lot
Intelligent Cross	INCR	INCR	SIP/Direct			x	x	Limit, Peg	Day	Mid	x		"Qualified Orders"/Time	Mixed lot/Odd lot/Round lot
Intelligent Cross Aspen	INCR	ASPN	SIP/Direct			x	x	Market, Limit, Peg	Day, IOC	Near, Far	x		"Qualified Orders"/Time	Mixed lot/Odd lot/Round lot
ITG POSIT	ITGP	ITGI	Direct	x		x	x	Market, Limit, Peg	Day, IOC	Near, Mid, Far	x		Price/Size (pro-rata)	Mixed lot/Round lot
JPM-X	JPMX	JPMX	Direct	x	x	x	x	Market, Limit, Peg	Day, IOC	Near, Mid, Far	x	x	Price/Tier/Time	Mixed lot/Round lot
Level ATS	EBXL	LEVL	Direct	x	x	x	x	Market, Limit, Peg	Day, IOC	Near, Mid, Far		x	Price/Time	Round Lot
Level ATS - VWAP	EBXL	EBXV	Direct	x		x		VWAP Crossing	Day	n/a	x	x	Price/Max Anchor Time	n/a
Liquidnet H2O	LQNA	LIUH	Direct	x		x	x	Market, Limit, Peg	Day	Mid			Price/Category/Time	Round Lot
Nasdaq M-ELO	NSDQ	MELO	Direct			x	x	Market, Limit, Peg	Day	Mid			Price/Time	Round Lot
OneChronos	CODA	CGXS	SIP		x	x	x	Market, Limit, Peg	Day, IOC	Near, Mid, Far	x		Notional PI	Mixed lot/Odd lot/Round lot
Purestream ATS	STRM	STRM	Direct	x				Limit	Day, IOC				Liquidity Transfer Rate	1000
UBS ATS	UBSA	UBSA	Direct			x	x	Market, Limit, Peg	Day, IOC	Near, Mid, Far	x		Price/Time	Mixed lot/Odd lot/Round lot
Virtu MatchIt	KCGM	VFMI	Direct		x	x	x	Market, Limit, Peg	Day, IOC	Near, Mid, Far	x	x	Price/Time	Mixed lot/Round lot

*As of November, 2023

** The offerings noted above are subject to change at the discretion of each respective execution venue

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