



TO: BOX Options Participants
FROM: BOX Market Operations Center
SUBJECT: SOLA® Protocol Version Decommissioning
DATE: April 14, 2020

Please be advised that certain protocol versions associated with SOLA® Trading Services will be decommissioned in Q3 2020. Beginning **Monday, November 23**, Participants will be required to connect to BOX using the protocol versions listed below.¹

SOLA Services	Description	Protocol Supported	Specifications Document
SAIL	Order/Quote Entry	B3 and higher	Specifications Guide v2.14 and higher
FIX	Order Entry	B4 and higher	Specifications Guide v4.8 and higher
HSVF Unicast	Market Data Feed	C7 and higher	Unicast Specifications Guide v4.3 and higher
ATR	Trade Report feed (Drop Copy)	Port 20290	Specifications v2.1 and higher

Detailed Impact to SOLA® Trading Services:

SAIL

Participants must specify the SAIL protocol version when their SAIL connection is established. Protocol versions "A6", "A8", "B1" and any prior protocol versions will be decommissioned.

Protocol Version	Features	References	On and After November 23, 2020
A6	Added in 2012. Customer Cross; Complex Order; Enhanced Market Maker Protection; Complex Order Exposure	Specifications Guides v1.8 to v2.1 Informational Circular 2012-003 Informational Circular 2012-004 Informational Circular 2013-023	Decommissioned
A8	Added in 2014. Counterpart account type; Preferred Order Type; Surrender Qty for Facilitation Auction; Pre-	Specifications Guides v2.2 to v2.4 Informational Circular IC-2014-013 Informational Circular IC-2014-020 Informational Circular IC-2015-018 Informational Circular IC-2016-02	Decommissioned

¹The decommissioned protocol versions will be available until Friday November 20, 2020.

	Trade Risk Controls/Enhanced Price Protection;		
B1	Added in 2016. Activity Based Protections; Quality Market Maker notification; Floor Trade (QOO); Qualified Contingent Cross Order (QCC)	Specifications Guides v2.5 to v2.8 Informational Circular IC-2016-15 Informational Circular IC-2016-23 Informational Circular IC-2016-27 Informational Circular IC-2017-15	Decommissioned
B3	Added in 2017. Cabinet Trading for Floor; DO Order Auction only; Number of legs increased to 12; Complex Order Ratio over 99; Individual Leg Prices for Complex QOO (msg types OT and KT); Cabinet Trade; MM CAT UserTime	Specifications Guides v2.9 to 2.13 Informational Circular IC-2018-11 Informational Circular IC-2018-14 Informational Circular IC-2018-21 Informational Circular IC-2019-09	Supported

FIX

Participants must contact the BOX Market Operations Center (“MOC”) to have their connections configured for the specific protocol version. Protocol versions prior to “B4” will be decommissioned.

Protocol Version	Features	References	On and After November 23, 2020
A7	Added in 2013 Unique Trade ID	Specifications Guides v3.8 Informational Circular IC-2013-005	Decommissioned
A8	Added in 2014 Counterpart account type; Preferred Order Type; Surrender Qty for Facilitation Auction	Specifications Guides v3.9 to v4.0 Informational Circular IC-2014-013 Informational Circular IC-2014-020 Informational Circular IC-2015-018 Informational Circular IC-2016-02	Decommissioned
B1	Added in 2016 Activity Based Protections; Floor Trade (QOO); Qualified Contingent Cross Order (QCC)	Specifications Guides v4.1 to v4.7 Informational Circular IC-2016-15 Informational Circular IC-2016-27 Informational Circular IC-2017-15	Decommissioned
B4	Added in 2018 DO Auction only; Number of legs increased to 12; Complex Order Ratio over 99; Microseconds in tags 52 and 60; Individual Leg Prices for Complex QOO; Cabinet Trade	Specifications Guide v4.8 Informational Circular IC-2018-11 Informational Circular IC-2018-14 Informational Circular IC-2019-09	Supported

High Speed Vendor Feed (“HSVF”) Unicast

Participants must specify the protocol version when establishing a HSVF Unicast connection. Protocol versions “C4”, “C5” and any prior protocol versions will be decommissioned.

Note - Participants using the HSVF Multicast are not impacted as they are already using the latest protocol version.

Protocol Version	Features	References	On and After November 23, 2020
C4	Added in 2012 Complex Order; Implied Prices	Specifications Guide v3.2 to v3.5 Informational Circular 2012-003	Decommissioned
C5	Added in 2014 Public Customer Interest and System Time Stamp message ('Z')	Specifications Guide v4.0 to v4.1 Informational Circular IC-2014-006	Decommissioned
C6	Added in 2016 New fields FirmID and CMTA	Specifications Guide v4.2 Informational Circular IC-2017-02	Decommissioned
C7	Added in 2018 Number of legs increased to 12; Complex Order Ratio over 99	Specifications Guide v4.3 Informational Circular IC-2018-21	Supported

ATR

Participants connect to a specific TCP port depending on the protocol version they want to receive. Protocol version on Port 20200 will be decommissioned.

Protocol Version	Features	References	On and After November 23, 2020
Port 20200	Added in 2014. Counterpart Account Type.	Specifications Guide v2.0 Informational Circular IC-2014-013	Decommissioned
Port 20290	Added in 2017. Floor Trade (QOO)	Specifications Guide v2.1 Informational Circular IC-2016-27	Supported

Contact

Please contact the Market Operations Center at (866) 768-8845 or by e-mail at BOXMOC@boxoptions.com should you require additional information.