

Alpha Private Book - Orders

Time	Price	Symbol	Volume	Buy/Sell	Broker ID
12:01:02	3.40	ABC	700	Buy	103
12:01:03	3.40	ZZZ	500	Sell	103
12:01:04	3.42	XYZ	1,200	Buy	103

Alpha Private Book - Trades

Time	Symbol	Volume	Price	Buy Broker ID	Sell Broker ID
12:01:04	ABC	200	3.40	103	15
12:01:05	ZZZ	500	3.40	103	36
12:01:07	XYZ	400	3.42	103	21

***Example of APB for Broker 103.
Displays may vary by vendor.**

PRODUCT DESCRIPTION

Alpha Private Book[®] (APB) is a unique real-time market data service that provides a full and enriched view of all of your orders entered and trades executed on the Alpha ATS. It is specific to every Alpha ATS Subscriber and requires no decryption, in keeping with Alpha's commitment to low latency. The Alpha Private Book[®] feed can be provided separately for each Subscriber's order entry session or in aggregate for all of a Subscriber's order entry sessions. The latter is specifically targeted to downstream systems and processes requiring a holistic view of all private order and private trade events. Also included in the service are all market events and market alert messages.

TRADED SECURITIES

Alpha Private Book[®] includes TSX and TSX Venture listed securities. Each may be consumed as separate feeds. Refer to the Alpha Market Data services fee schedule for pricing information.

DISTRIBUTION TIME FRAME

Alpha Private Book[®] is available as a real-time feed from Monday to Friday from 7:00 a.m. to 5:00 p.m. EST.

DISTRIBUTION METHODS

Alpha Private Book[®] is delivered to the market place over Alpha's proprietary protocol called EMAPI. EMAPI is a low-latency high-velocity API developed to manage large amounts of market data. Any Alpha ATS Subscriber connecting to the Alpha ATS through an EMAPI order entry session will, for every order entry session, automatically be entitled to a corresponding session of the Alpha Private Book[®] at no additional cost. Any Alpha Subscriber connecting to the Alpha ATS through a FIX order entry session will automatically benefit of the Alpha Private Book[®] enriched data through the FIX execution reports. Any additional "session specific" Alpha Private Book[®] feed or the aggregate Alpha Private Book[®] feed need to be ordered separately.

FAST RECOVERY

Alpha Private Book[®] innovative EMAPI protocol provides updates for each change and the current state of the order and trade events, allowing you both to recover quickly and easily and to replay all data in case of connectivity issues.