

# **Trading the Auctions**

Webinar

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# Today's Speakers



## The Auction Mechanism

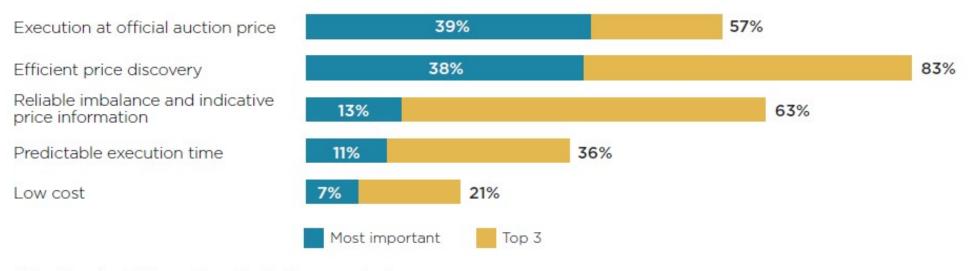
#### OPENING AND CLOSING AUCTIONS IN THE TRADING DAY



# The Most Important Attributes Of Change Auctions

Execution at Official Auction Price is the most important factor for traders

### IMPORTANCE OF EXCHANGE AUCTION FEATURES

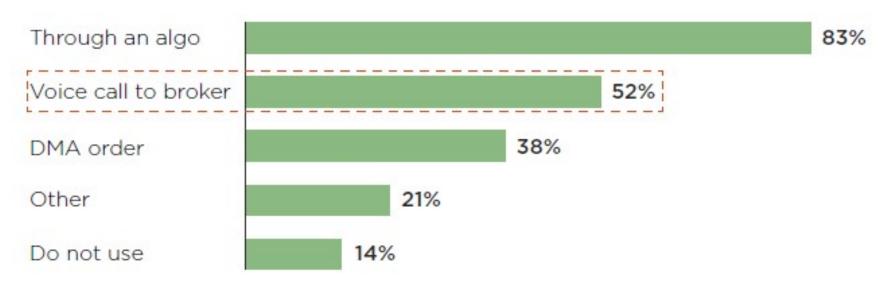


Note: Based on 32 buy-side and sell-side respondents. Source: Greenwich Associates 2016 U.S. Auctions Study

# Access To Exchange-Operated Auctions

Most traders use an algo to access exchange auctions, but over half also call in orders to a broker

### ACCESS TO EXCHANGE-OPERATED CROSSES



Note: Based on 28 buy-side respondents.

Source: Greenwich Associates 2016 U.S. Auctions Study

## **Auction Data Feeds**

In order to view real-time information about liquidity in exchange auctions, a trader will need access to specific auction data feeds

### **Typical feeds:**

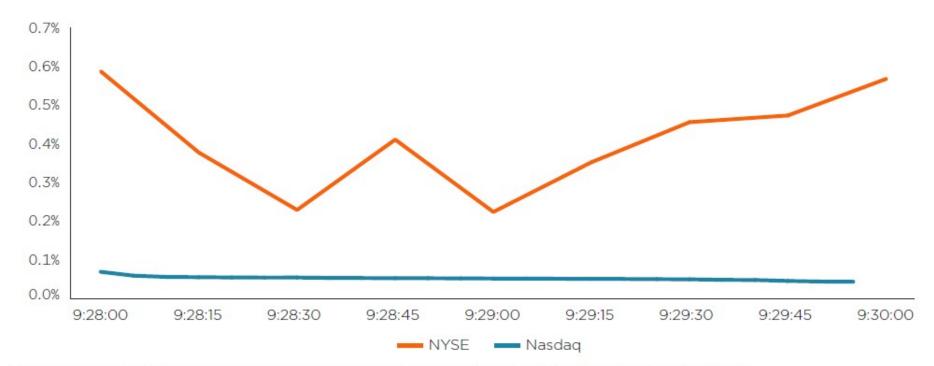
- Paired shares —the total number of shares eligible to be matched at the current indicative price
- Imbalance —represented by eligible buy orders minus eligible sell orders; a value less than zero implies a sell imbalance
- Indicative price —the expected cross price if the auction were held at that point in time



## **Auction Data Feeds**

All major exchanges provide data feeds. The chart below shows the how accurately the different exchange feeds forecast the opening price

Graph 1
DEVIATION BETWEEN INDICATIVE PRICE AND OPEN PRICE

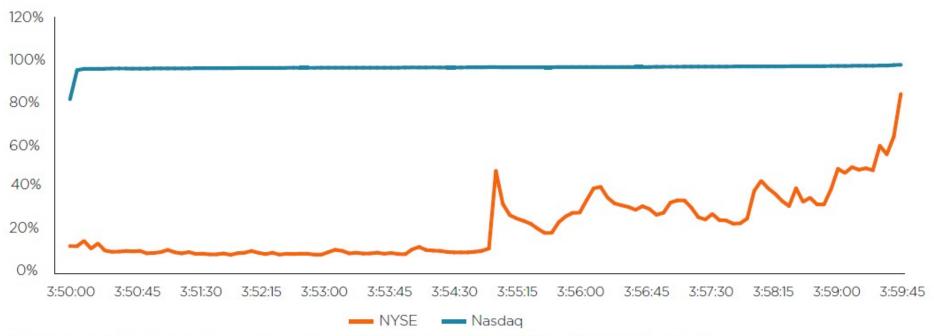


Note: Aggregated data from exchange auction data feeds from Nasdaq (5/16/16-8/31/16) and NYSE (6/3/16-8/31/16). Source: Greenwich Associates 2016

## **Auction Data Feeds**

The chart below shows the how accurately the different exchange feeds forecast the closing volume

Graph 3
CLOSE: INDICATIVE VOLUME AS A PERCENT OF REALIZED VOLUME

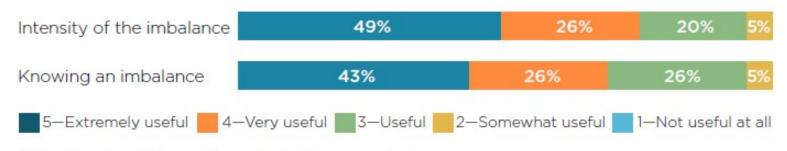


Note: Aggregated data from exchange auction data feeds from Nasdaq (5/16/16-8/31/16) and NYSE (6/3/16-8/31/16). Source: Greenwich Associates 2016

## **Auction Imbalance Information**

Almost half of traders believe it is 'Extremely Useful' to know the intensity of an imbalance

### HOW USEFUL IS KNOWLEDGE OF AN IMBALANCE



Note: Based on 35 buy-side and sell-side respondents. Source: Greenwich Associates 2016 U.S. Auctions Study

# ETFs & Passive Strategies Drive Auction Volume

- Passive investment strategies are those that seek to achieve the performance of a benchmark index, such as the S&P 500.
- Global institutional AUM allocated to passive strategies have grown from 14% in 2008 to 22% in 2015
- Exchange-traded funds, or ETFs, are passive investments that provide exposure to an index via a vehicle that trades like a stock on an exchange.
  - ETFs have also seen significant growth: 2015 was a recordbreaking year in the U.S., with positive net flows of approximately \$230 billion.
  - U.S. institutions represent approximately 36%, or \$756 billion, of the total \$2.1 trillion in U.S. ETF assets.
- As passive strategies and ETFs aim to track the performance of a benchmark index, they rely heavily on the closing auction, as it determines the closing price used in the benchmark index price calculation.
- Growth in passive investing and ETFs will thereby make the auction process ever more important.



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## Institutional AUM – Active Vs. Passive

- Institutions are allocating a greater proportion of their AUM to passive strategies
- In 2003 passive represented 12% of global institutional AUM
- In 2015 it was 22%
- In 2020 it is forecast to be 26%

### GLOBAL AUM-ACTIVE VS. PASSIVE



Source: Greenwich Associates 2016, BCG Global Asset Management 2016

## **Contact Information**



Richard Johnson

Vice President, Market Structure and Technology

+1 203.625.4337

Richard.Johnson@greenwich.com

@\_richjohnson

greenwich.com

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