

Cboe is committed to developing the best online data and tools to make doing business with Cboe easy. For straightforward order look-up capabilities, port monitoring, price improvement data, trading statistics and market share information, Cboe offers the Customer Web Portal — a comprehensive suite of value-added tools designed specifically to give customers easy, online access to the information they need. Below is an overview of our Customer Web Portal features.

Order Lookup

When Cboe customers need to access their order information, they can quickly search for and generate specific order status and detailed execution information. Results can be sorted by a variety of fields.

BZX: Orders Matching: date of 2018-04-17 and on behalf of BATS and symbol of SPY and side of Buy and size of 100 and start time of 09:30:00 and end time of 09:31:00

Job Queue
Download Results
New Order Lookup
Account Home

Double click a row to view the order detail

Timestamp	Order Id	Client Order Id	MPID	Symbol	Side	Size	Price	Type
2018-04-17 09:30:00.392206	OH173X0008TC	BATS0014-LY000038...	BATS	SPY	Buy	100	269.3300	Limit
2018-04-17 09:30:00.392267	OH173X0008TE	BATS0013-LY000020...	BATS	SPY	Buy	100	269.3300	Limit
2018-04-17 09:30:00.451792	OH173X0008TG	BATS0013-LY000020...	BATS	SPY	Buy	100	269.3400	Limit
2018-04-17 09:30:00.451824	OH173X0008TH	BATS0014-LY000038...	BATS	SPY	Buy	100	269.3400	Limit
2018-04-17 09:30:00.451846	OH173X0008TI	BATS0006-LY000015...	BATS	SPY	Buy	100	269.3400	Limit
2018-04-17 09:30:00.451877	OH173X0008TJ	BATS0006-LY000015...	BATS	SPY	Buy	100	269.3400	Limit
2018-04-17 09:30:01.570859	OH173X0008TU	BATS0013-LY000020...	BATS	SPY	Buy	100	269.3500	Limit
2018-04-17 09:30:01.57092	OH173X0008TV	BATS0014-LY000038...	BATS	SPY	Buy	100	269.3500	Limit
2018-04-17 09:30:01.669914	OH173X0008TY	BATS0006-LY000015...	BATS	SPY	Buy	100	269.3500	Limit

MPID	Symbol	Volume	Added	Ext Add	Removed	Routed	Position	Buy Vol	Sell Vol
	Total:	461,639	180,165	0	281,474	0	6,145	233,892	227,747
1	EEM	115,927	0	0	115,927	0	58,937	87,432	28,495
2	AMLP	34,700	34,700	0	0	0	-34,700	0	34,700
3	JNK	23,490	23,490	0	0	0	-23,490	0	23,490
4	SLV	19,348	0	0	19,348	0	19,348	19,348	0
5	FXI	15,184	0	0	15,184	0	15,184	15,184	0
6	VVO	13,800	12,000	0	1,800	0	-3,600	5,100	8,700
7	DBC	11,401	11,401	0	0	0	-11,401	0	11,401
8	TVIX	9,500	4,900	0	4,600	0	-9,500	0	9,500
9	XLE	7,398	0	0	7,398	0	6,998	7,198	200
10	RSX	7,149	0	0	7,149	0	7,149	7,149	0
11	HYG	7,001	6,901	0	100	0	-7,001	0	7,001
12	IEMG	6,600	6,200	0	400	0	-6,600	0	6,600

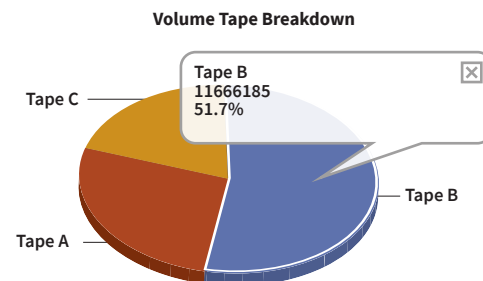
Current Activity

Cboe offers the Current Activity tool, which shows customers their daily trading activity. The tool provides an instant snapshot of symbols, total volume, added/removed volume, routed volume, positions and buy/sell volume. Customers can download data to save as needed.

Statistics & Ranking

For customers who need a straightforward method to track their firm's volume and order efficiency on a Cboe market, Cboe has created a ranking tool that provides the firm's overall ranking, ranking by tape, shares added or removed, and total number of trades. Customers can search by date and download to save. Available for any day with more than a minimum amount of volume executed.

Latency Statistics														
* All latency numbers are in microseconds														
<div> U.S. BZX Equities U.S. BYX Equities U.S. EDGX Equities U.S. EDGA Equities U.S. BZX Options U.S. EDGX Options </div>														
<a>About these stats <a>Refresh <a>Download CSV														
2018-04-17														
Order to Ack					Cancel to Out					Order to Quote				
Port ID	IP Port	count	avg(min)	avg	stddev	count	avg(min)	avg	stddev	count	avg(min)	avg	stddev	TCP Ack from Member
Direct Connection (31)														
0016	10918	191,475	50	111	105	106,696	39	102	98	107,373	61	101	81	19
0013	11299	170,097	53	162	214	96,117	42	106	243	96,098	61	135	164	19
0017	10920	124,464	57	122	143	93,052	42	107	77	93,833	63	102	95	19
0015	11413	112,573	53	139	291	72,702	40	120	126	73,465	61	124	257	18
0020	11196	63,422	58	127	174	43,744	45	112	96	44,248	65	115	128	19
0014	11403	44,668	58	131	140	31,209	45	119	96	31,576	65	112	105	20
0022	11718	24,696	62	128	248	19,244	46	94	69	19,759	66	112	167	19
0021	11599	26,133	61	185	625	19,083	47	111	87	19,613	66	109	533	18



Real-Time Latency Monitoring

This service allows customers to analyze order efficiency and address issues immediately by monitoring order latency in real-time via a dashboard. Customers also receive overall Cboe latency statistics, so they know how they compare to average speeds.

Ports Dashboard

The Cboe Ports Dashboard provides real-time port information that can help customers maximize their trading activity on the Cboe markets and improve operational efficiency. Using the dashboard, customers can track how much traffic each port receives, the provider of the port, the IP addresses and other port details, all in real-time.

Filter															
Active Ports									All Types		Statistics Period		Last 5 minutes	Export	More Options
Id	IP port	State	Open Orders (Current)	Orders (Total)	Rejects (Total)	TCP Retrans (Total)	TCP Retrans (per M...)	Requests Pending (Avg)	IP Address	Pro...	Trade Group	Last Connection	Bats IP address		
BOE (Total Open Orders: 340)															
0002	10001	Ready	0	0	0	0	0	0	012.34.56	ordgen_au...	2018-04-17	174.136.174...			
0003	10002	Ready	0	900	0	0	0	1	012.34.56	ordgen_cr...	2018-04-17	174.136.174...			
0004	10003	Ready	3	10	0	0	0	1	012.34.56	ordgen_m...	2018-04-17	174.136.174...			
0005	10004	Ready	0	1	0	0	0	1	012.34.56	ordgen_m...	2018-04-17	174.136.174...			
0006	10005	Ready	333	8937	0	0	0	3.83	012.34.56	ordgen_tw...	2018-04-17	174.136.174...			
0012	10031	Ready	0	0	0	0	0	0	012.34.56	ordgen_pr...	2018-04-17	174.136.174...			
0013	10032	Ready	4	0	0	0	0	0	012.34.56	ordgen_pr...	2018-04-17	174.136.174...			
0022	10259	Ready	0	0	0	0	0	0	012.34.56	ordgen_ip...	2018-04-17	174.136.174...			
FIX (Total Open Orders: 1360)															
0001	10000	Ready	352	2997	0	0	0	3.07	012.34.56	ordgen_tw...	2018-04-17	174.136.174...			
0007	10006	Ready	1000	17650	0	0	0	1	012.34.56	ordgen_au...	2018-04-17	174.136.174...			
0014	10033	Ready	8	0	0	0	0	0	012.34.56	ordgen_pr...	2018-04-17	174.136.174...			

Trade Data

The Trade Data tool in the Customer Web Portal allows customers to download trade data for the current day and up to the five previous days. This dynamic data can be downloaded in CSV format and can be scheduled for automated download.

Additional Customer-Specific Data

In addition to the tools highlighted above, Cboe customers have access to a wealth of their firm's trading data available in the Customer Web Portal. To request login credentials to access your firm's information, contact the Cboe Trade Desk.

General

913.815.7000
Cboe.com

Sales

212.378.8560
sales@Cboe.com

Trade Desk

913.815.7001
tradedesk@Cboe.com