

Nasdaq-PORT

OPERATOR GUIDE

Nasdaq Futures (NFX)
Off-Exchange Block Trade Reporting



NFX BLOCK TRADE REPORTING

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NFX BLOCK TRADE REPORTING GENERALITIES

Block Trade Reporting on Nasdaq Futures (NFX) allows privately negotiated transactions to be reported into the exchange for processing and clearing.

Nasdaq Futures offers full service interfaces (API, Nasdaq-Port, TT) for all types of market participants (Brokers, Traders, FCMs, etc.).

Every trade reported into NFX is assigned to an FCM Account where all Accounts and Users are managed through one or more of the available interfaces (API, Nasdaq-Port, TT).

NFX's Pre-Trade Risk Management system reviews every trade before acceptance and immediately notifies the user of acceptance or rejection.

NFX BLOCK TRADE REPORTING GENERALITIES

- 1. Customer & Account Configuration:** User permissions and account setup are generally managed by Clearing Futures Participants or Futures Clearing Merchants (FCMs). Users are generally Brokerage Firms, Clearing Futures Participants, and their Customers. Users are inherited from their respective CAST setup.
- 2. Trade Reporting Procedures:** Users may submit one-party, two-party (on-behalf), and third-party (on-behalf) trades into NFX for Post-Trade and market information purposes.
- 3. Reporting Interface:** Trades may be reported directly (having been checked by TradeGuard) into NFX via its API, Web Interface (Nasdaq-Port), or ISV (e.g. Trading Technologies).
- 4. Risk Management:** TradeGuard will provide Pre-Trade Risk Management of all reported trades through both NFX's API (and ISVs) and Web Interface (GIW).

NFX ENERGY PRODUCT LISTING

OIL & NATURAL GAS

Contract Name	Symbol	Size Units	Type	Tick Size*	Block Size	Block Reporting Window (minutes)	Equiv. Symbol
Oil Complex							
NFX Brent 1st Line Financial Futures	IBQ	1,000 Barrels	Futures	0.01	25	5	ICE-I
NFX Brent 1st Line Mini Financial Futures	IMMQ	100 Barrels	Futures	0.01	25	5	ICE-IMM
NFX Brent Crude Financial Futures	BFQ	1,000 Barrels	Futures	0.01	25	5	ICE-B
NFX Options on NFX Brent Crude Financial Futures	BCQ	1,000 Barrels	Am. Option	0.01	25	15	ICE-B
NFX Heating Oil 1st Line Financial Futures	HOFQ	42,000 Gallons	Futures	0.01	250	5	ICE-HOF
NFX Heating Oil Last Day Financial Futures	HOQ	42,000 Gallons	Futures	0.0001	25	5	NYM-HO
NFX Heating Oil Penultimate Financial Futures	OQ	42,000 Gallons	Futures	0.0001	25	5	ICE-O
NFX Low Sulphur Gasoil 1st Line Financial Futures	ULAQ	100 Metric Tons	Futures	0.01	25	15	ICE-ULA
NFX Low Sulphur Gasoil Financial Futures	GOQ	100 Metric Tons	Futures	0.25	10	15	ICE-G
NFX RBOB Gasoline 1st Line Financial Futures	RBSQ	42,000 Gallons	Futures	0.01	25	5	ICE-RBS
NFX RBOB Gasoline Last Day Financial Futures	RBQ	42,000 Gallons	Futures	0.0001	25	15	NYM-RB
NFX RBOB Gasoline Penultimate Financial Futures	RQ	42,000 Gallons	Futures	0.0001	25	15	ICE-N
NFX WTI 1st Line Financial Futures	RTIQ	1,000 Barrels	Futures	0.01	350	5	ICE-R
NFX WTI 1st Line Mini Financial Futures	RMMQ	100 Barrels	Futures	0.01	350	5	ICE-RMM
NFX WTI Crude Oil Last Day Financial Futures	CLQ	1,000 Barrels	Futures	0.01	50	5	NYM-CL
NFX WTI Crude Oil Penultimate Financial Futures	TQ	1,000 Barrels	Futures	0.01	50	5	ICE-T
NFX Options on NFX WTI Crude Oil Penultimate Financial Futures	TOQ	1,000 Barrels	Am. Option	0.01	25	15	NYM-LO
Natural Gas							
NFX Henry Hub Natural Gas Financial Futures -2,500	NNQ	2,500 mmBtu	Futures	0.001	25	15	NYM-NN
NFX Henry Hub Natural Gas Penultimate Financial Futures - 2,500	NPQ	2,500 mmBtu	Futures	0.001	25	15	NYM-NP
NFX Henry Hub Natural Gas Financial Futures -10,000	HHQ	10,000 mmBtu	Futures	0.001	50	15	NYM-HH
NFX Henry Hub Natural Gas Penultimate Financial Futures - 10,000	HUQ	10,000 mmBtu	Futures	0.001	50	15	NYM-HP
NFX Options on NFX Henry Hub Penultimate Financial Futures - 10,000	LNQ	10,000 mmBtu	Eu. Option	0.0001	15	15	NYM-LN

Complete contract specifications can be found here: <http://business.nasdaq.com/nasdaq-futures/products>

NFX ENERGY PRODUCT LISTING

POWER

Contract Name	Symbol	Size	Units	Type	Tick Size*	Block Size	Block Reporting Window (minutes)	Equiv. Symbol
Power								
NFX CAISO NP-15 Hub Day-Ahead Off-Peak Financial Futures	ONPQ	25	MWh	Futures	0.01	10	15	ICE-ONP
NFX CAISO NP-15 Hub Day-Ahead Off-Peak Mini Financial Futures - 1MW	ONNQ	1	MWh	Futures	0.01	25	15	ICE-ONP
NFX CAISO NP-15 Hub Day-Ahead Off-Peak Mini Financial Futures - 5MW	ONMQ	5	MWh	Futures	0.01	25	15	ICE-ONP
NFX CAISO NP-15 Hub Day-Ahead Peak Financial Futures	NPMQ	400	MWh	Futures	0.01	10	15	ICE-NPM
NFX CAISO NP-15 Hub Day-Ahead Peak Mini Financial Futures – 1 MW	NPPQ	16	MWh	Futures	0.01	25	15	ICE-NPM
NFX CAISO NP-15 Hub Day-Ahead Peak Mini Financial Futures – 5 MW	NPNQ	80	MWh	Futures	0.01	25	15	ICE-NPM
NFX CAISO SP-15 Hub Day-Ahead Off-Peak Financial Futures	OFPQ	25	MWh	Futures	0.01	10	15	ICE-OFP
NFX CAISO SP-15 Hub Day-Ahead Off-Peak Mini Financial Futures - 1MW	OFNQ	1	MWh	Futures	0.01	25	15	ICE-OFP
NFX CAISO SP-15 Hub Day-Ahead Off-Peak Mini Financial Futures - 5MW	OFMQ	5	MWh	Futures	0.01	25	15	ICE-OFP
NFX CAISO SP-15 Hub Day-Ahead Peak Financial Futures	SPMQ	400	MWh	Futures	0.01	10	15	ICE-SPM
NFX CAISO SP-15 Hub Day-Ahead Peak Mini Financial Futures – 1 MW	SPVQ	16	MWh	Futures	0.01	25	15	ICE-SPM
NFX CAISO SP-15 Hub Day-Ahead Peak Mini Financial Futures – 5 MW	SPZQ	80	MWh	Futures	0.01	25	15	ICE-SPM
NFX ISO-NE Massachusetts Hub Day-Ahead Off-Peak Financial Futures	NOPQ	50	MWh	Futures	0.01	10	15	ICE-NOP
NFX ISO-NE Massachusetts Hub Day-Ahead Off-Peak Mini Financial Futures - 1MW	NONQ	1	MWh	Futures	0.01	25	15	ICE-NOP
NFX ISO-NE Massachusetts Hub Day-Ahead Off-Peak Mini Financial Futures - 5MW	NOMQ	5	MWh	Futures	0.01	25	15	ICE-NOP
NFX ISO-NE Massachusetts Hub Day-Ahead Peak Financial Futures	NEPQ	800	MWh	Futures	0.01	10	15	ICE-NEP
NFX ISO-NE Massachusetts Hub Day-Ahead Peak Mini Financial Futures – 1 MW	NEMQ	16	MWh	Futures	0.01	25	15	ICE-NEP
NFX ISO-NE Massachusetts Hub Day-Ahead Peak Mini Financial Futures – 5 MW	NMMQ	80	MWh	Futures	0.01	25	15	ICE-NEP
NFX MISO Indiana Hub Real-Time Off-Peak Financial Futures	CPOQ	50	MWh	Futures	0.01	10	15	ICE-CPO
NFX MISO Indiana Hub Real-Time Off-Peak Financial Mini Futures - 1MW	CPNQ	1	MWh	Futures	0.01	25	15	ICE-CPO
NFX MISO Indiana Hub Real-Time Off-Peak Mini Financial Futures - 5MW	CPMQ	5	MWh	Futures	0.01	25	15	ICE-CPO
NFX MISO Indiana Hub Real-Time Peak Financial Futures	CINQ	800	MWh	Futures	0.01	10	15	ICE-CIN
NFX MISO Indiana Hub Real-Time Peak Mini Financial Futures – 1 MW	MCGQ	16	MWh	Futures	0.01	25	15	ICE-CIN
NFX MISO Indiana Hub Real-Time Peak Mini Financial Futures – 5 MW	MCHQ	80	MWh	Futures	0.01	25	15	ICE-CIN

Complete contract specifications can be found here: <http://business.nasdaq.com/nasdaq-futures/products>

NFX ENERGY PRODUCT LISTING

POWER (PJM)

Contract Name	Symbol	Size	Units	Type	Tick Size*	Block Size	Block Reporting Window (minutes)	Equiv. Symbol
Power (PJM)								
NFX PJM AEP Dayton Hub Real-Time Off-Peak Financial Futures	AODQ	50 MWh		Futures	0.01	10	15	ICE-AOD
NFX PJM AEP Dayton Hub Real-Time Off-Peak Mini Financial Futures - 1MW	AONQ	1 MWh		Futures	0.01	25	15	ICE-AOD
NFX PJM AEP Dayton Hub Real-Time Off-Peak Mini Financial Futures - 5MW	AOMQ	5 MWh		Futures	0.01	25	15	ICE-AOD
NFX PJM AEP Dayton Hub Real-Time Peak Financial Futures	MSOQ	800 MWh		Futures	0.01	10	15	ICE-MSO
NFX PJM AEP Dayton Hub Real-Time Peak Mini Financial Futures – 1 MW	MSTQ	16 MWh		Futures	0.01	25	15	ICE-MSO
NFX PJM AEP Dayton Hub Real-Time Peak Mini Financial Futures – 5 MW	MSSQ	80 MWh		Futures	0.01	25	15	ICE-MSO
NFX PJM Northern Illinois Hub Real-Time Off-Peak Financial Futures	NIOQ	50 MWh		Futures	0.01	10	15	ICE-NIO
NFX PJM Northern Illinois Hub Real-Time Off-Peak Mini Financial Futures - 1MW	NINQ	1 MWh		Futures	0.01	25	15	ICE-NIO
NFX PJM Northern Illinois Hub Real-Time Off-Peak Mini Financial Futures - 5MW	NIMQ	5 MWh		Futures	0.01	25	15	ICE-NIO
NFX PJM Northern Illinois Hub Real-Time Peak Financial Futures	PNLQ	800 MWh		Futures	0.01	10	15	ICE-PNL
NFX PJM Northern Illinois Hub Real-Time Peak Mini Financial Futures – 1 MW	PNPQ	16 MWh		Futures	0.01	25	15	ICE-PNL
NFX PJM Northern Illinois Hub Real-Time Peak Mini Financial Futures – 5 MW	PNQQ	80 MWh		Futures	0.01	25	15	ICE-PNL
NFX PJM Western Hub Real-Time Off-Peak Financial Futures	OPJQ	50 MWh		Futures	0.01	10	15	ICE-OPJ
NFX PJM Western Hub Real-Time Off-Peak Mini Financial Futures - 1MW	OPNQ	1 MWh		Futures	0.01	25	15	ICE-OPJ
NFX PJM Western Hub Real-Time Off-Peak Mini Financial Futures - 5MW	OPKQ	5 MWh		Futures	0.01	25	15	ICE-OPJ
NFX PJM Western Hub Real-Time Peak Mini Financial Futures	PJMQ	800 MWh		Futures	0.01	10	15	ICE-PJM
NFX PJM Western Hub Real-Time Peak Mini Financial Futures – 1 MW	PMIQ	16 MWh		Futures	0.01	25	15	ICE-PJM
NFX PJM Western Hub Real-Time Peak Mini Financial Futures – 5 MW	PMJQ	80 MWh		Futures	0.01	25	15	ICE-PJM

Complete contract specifications can be found here: <http://business.nasdaq.com/nasdaq-futures/products>

NFX ENERGY PRODUCT LISTING

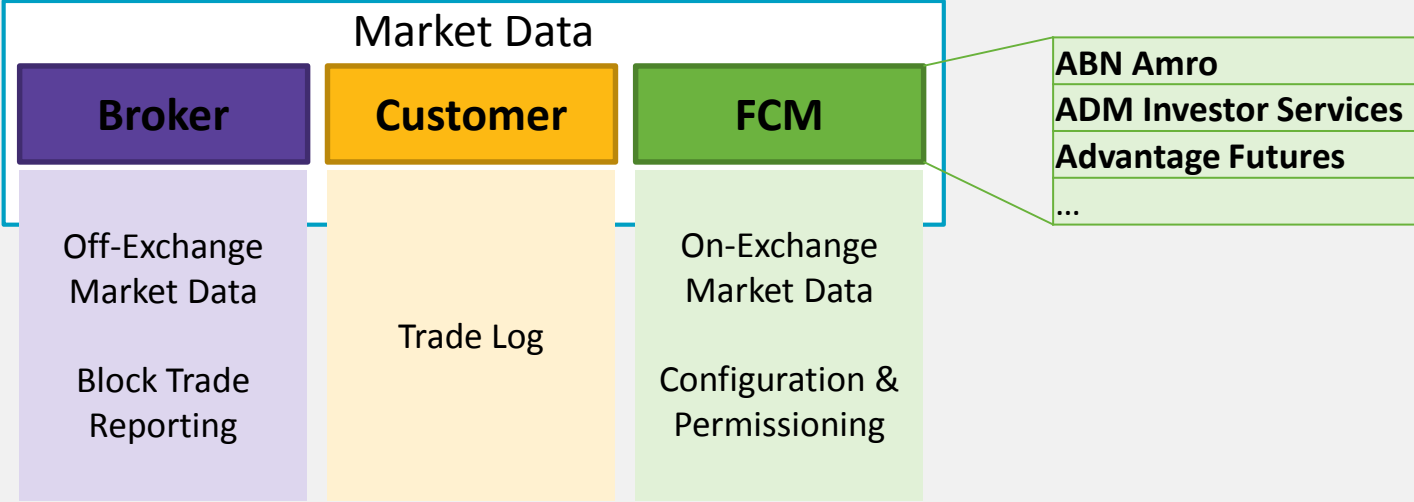
POWER (ERCOT)

Contract Name	Symbol	Size	Units	Type	Tick Size*	Block Size	Block Reporting Window (minutes)	Equiv. Symbol
Power (ERCOT)								
NFX ERCOT Houston 345 KV Hub Real-Time Off-Peak Financial Future	HEBQ	50 MWh		Futures	0.01	10	15	ICE-HEB
NFX ERCOT Houston 345 KV Hub Real-Time Off-Peak Mini Financial Future – 1MW	HHNQ	1 MWh		Futures	0.01	25	15	ICE-NEB
NFX ERCOT Houston 345 KV Hub Real-Time Off-Peak Mini Financial Future - 5MW	HHMQ	5 MWh		Futures	0.01	25	15	ICE-HEB
NFX ERCOT Houston 345 KV Hub Real-Time Peak Financial Future	ERHQ	800 MWh		Futures	0.01	10	15	ICE-ERH
NFX ERCOT Houston 345 KV Hub Real-Time Peak Mini Financial Future - 1MW	EHSQ	16 MWh		Futures	0.01	25	15	ICE-ERH
NFX ERCOT Houston 345 KV Hub Real-Time Peak Mini Financial Future - 5MW	EHMQ	80 MWh		Futures	0.01	25	15	ICE-ERH
NFX ERCOT North 345 KV Hub Real-Time Off-Peak Financial Future	NEBQ	50 MWh		Futures	0.01	10	15	ICE-NEB
NFX ERCOT North 345 KV Hub Real-Time Off-Peak Mini Financial Future – 1MW	NHNQ	1 MWh		Futures	0.01	25	15	ICE-SEB
NFX ERCOT North 345 KV Hub Real-Time Off-Peak Mini Financial Future - 5MW	NHMQ	5 MWh		Futures	0.01	25	15	ICE-NEB
NFX ERCOT North 345 KV Hub Real-Time Peak Financial Future	ERNQ	800 MWh		Futures	0.01	10	15	ICE-ERN
NFX ERCOT North 345 KV Hub Real-Time Peak Mini Financial Future - 1MW	ENSQ	16 MWh		Futures	0.01	25	15	ICE-ERN
NFX ERCOT North 345 KV Hub Real-Time Peak Mini Financial Future - 5MW	ENMQ	80 MWh		Futures	0.01	25	15	ICE-ERN
NFX ERCOT South 345 KV Hub Real-Time Off-Peak Financial Future	SEBQ	50 MWh		Futures	0.01	10	15	ICE-SEB
NFX ERCOT South 345 KV Hub Real-Time Off-Peak Mini Financial Future – 1MW	SHNQ	1 MWh		Futures	0.01	25	15	ICE-HEB
NFX ERCOT South 345 KV Hub Real-Time Off-Peak Mini Financial Future - 5MW	SHMQ	5 MWh		Futures	0.01	25	15	ICE-SEB
NFX ERCOT South 345 KV Hub Real-Time Peak Financial Future	ERSQ	800 MWh		Futures	0.01	10	15	ICE-ERS
NFX ERCOT South 345 KV Hub Real-Time Peak Mini Financial Future - 1MW	ESSQ	16 MWh		Futures	0.01	25	15	ICE-ERS
NFX ERCOT South 345 KV Hub Real-Time Peak Mini Financial Future - 5MW	ESMQ	80 MWh		Futures	0.01	25	15	ICE-ERS
NFX ERCOT West 345 KV Hub Real-Time Off-Peak Financial Future	WEBQ	50 MWh		Futures	0.01	10	15	ICE-WEB
NFX ERCOT West 345 KV Hub Real-Time Off-Peak Mini Financial Future – 1MW	WHNQ	1 MWh		Futures	0.01	25	15	ICE-WEB
NFX ERCOT West 345 KV Hub Real-Time Off-Peak Mini Financial Future - 5MW	WHMQ	5 MWh		Futures	0.01	25	15	ICE-WEB
NFX ERCOT West 345 KV Hub Real-Time Peak Financial Future	ERWQ	800 MWh		Futures	0.01	10	15	ICE-ERW
NFX ERCOT West 345 KV Hub Real-Time Peak Mini Financial Future - 1MW	EWSQ	16 MWh		Futures	0.01	25	15	ICE-ERW
NFX ERCOT West 345 KV Hub Real-Time Peak Mini Financial Future - 5MW	EWMQ	80 MWh		Futures	0.01	25	15	ICE-ERW

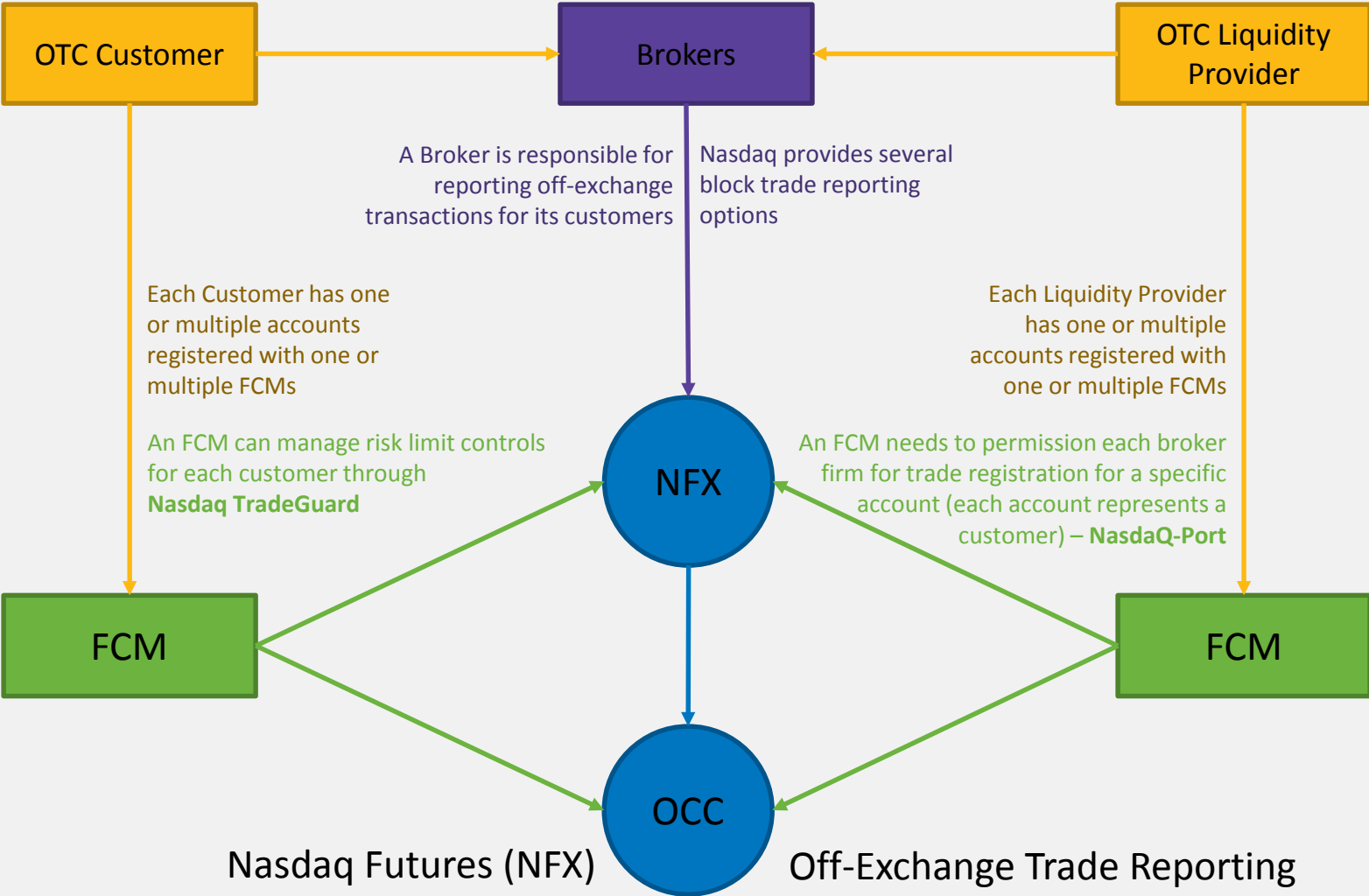
Complete contract specifications can be found here: <http://business.nasdaq.com/nasdaq-futures/products>

GENERALITIES

OTC BLOCK TRADE REPORTING ECOSYSTEM



OTC BLOCK TRADE REPORTING ECOSYSTEM OVERVIEW



BROKER REGISTRATION

BE ABLE TO BLOCK TRADES AT NFX

Registration Requirements

- Off-Exchange Reporting Brokers (ORB) as a sub-set of Authorized Customer under the NFX rules
 - Must comply with all Exchange rules
 - Must be registered with NFA
- Registration does NOT require an Exchange membership

ORB Registration Process

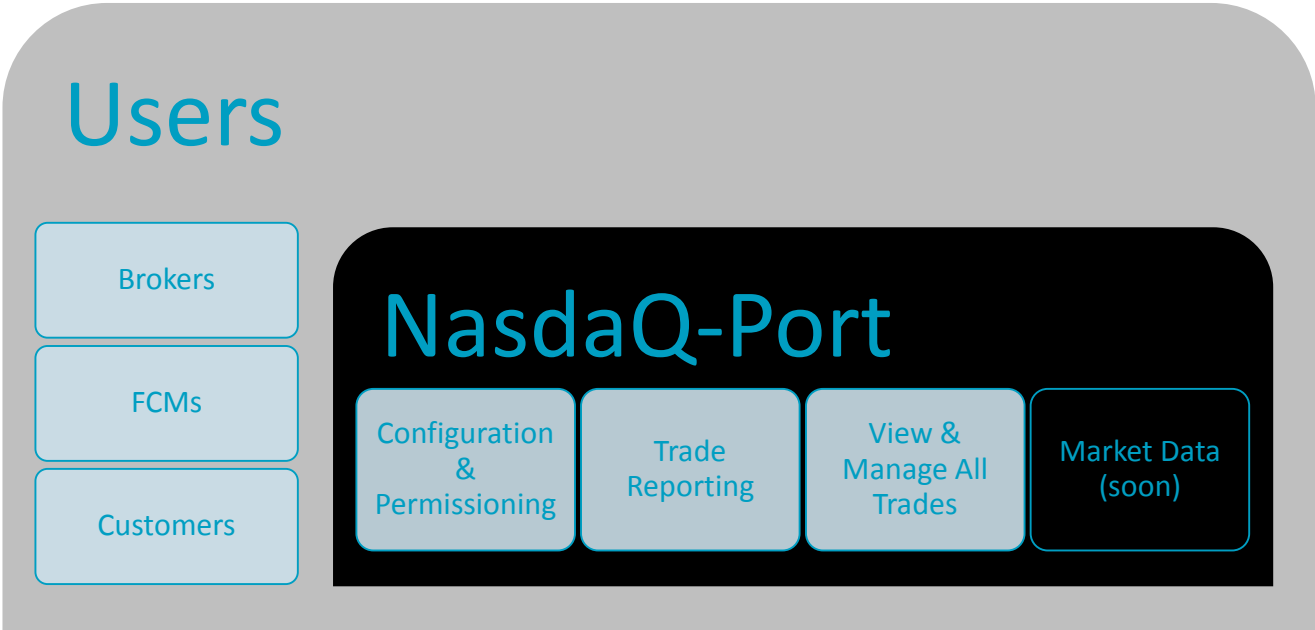
1. Execute NFX Off-Exchange Reporting Broker Access Agreement
 - Available by contacting TradeReports@nasdaq.com
 - NFA registration confirmed initially
2. Submit Request Form for access and credential to Nasdaq-Port by contacting TradeReports@nasdaq.com
3. NFX permissions Broker in Nasdaq-Port as eligible ORB
 - FCMs can begin account-based permissioning for eligible ORBs

NFX BLOCK TRADE REPORTING ECOSYSTEM

Q-PORT CENTRIC EXAMPLE

Support Tools

- CAST (CQG)**
 - FCMs
 - Users
 - Authorized Traders
 - Brokers, etc.
- TradeGuard**
 - Pre-trade Risk
 - Post Entry Check
 - Notifications
 - CLOB and Block
- Nasdaq-Port (Core)**
 - Setup Entities from Cast relationships
 - Permissions



Q-PORT

GETTING STARTED

Q-PORT GETTING STARTED

Using Google Chrome or IE11
*Multiple instances of Q-Port
can be open simultaneously*

LOGIN - Q-PORT

User

Password

SafeNet Passcode (if applicable)

Restore workspace

Login

SafeNet Passcode is applicable for all users logging in without an established NFX Extranet Connection.

Hover over objects
to show help text



Popup
window,
Settings
(Language,
Colors, etc.),
Log-out

Restore the
User's
previous
setup

Drag window
edges
(up/down,
left/right) to
reveal
additional
windows

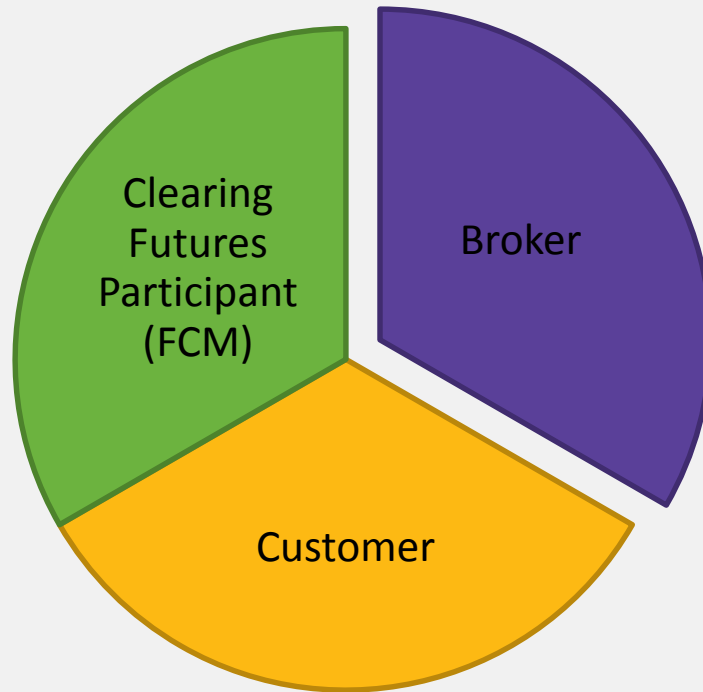
The screenshot shows two instances of the Q-PORT application. The top instance is titled 'Q-PORT - GSTT_NFXWS2' and has a popup menu open with the following items: 'TRADES', 'Enter Single Leg Trade Report', 'Enter Trade Report', 'Trades', 'Trade History', 'Configure Trade Report Accounts', and 'Accounts'. A green arrow points from the top-right corner of the application window to the popup menu. The bottom instance shows the same application window with a vertical dashed green line and a solid green circle at the bottom edge, indicating a drag action to reveal another window.

CONFIGURATION & PERMISSIONING

CONFIGURATION & PERMISSIONING

MAIN TRADE REPORTING PARTIES

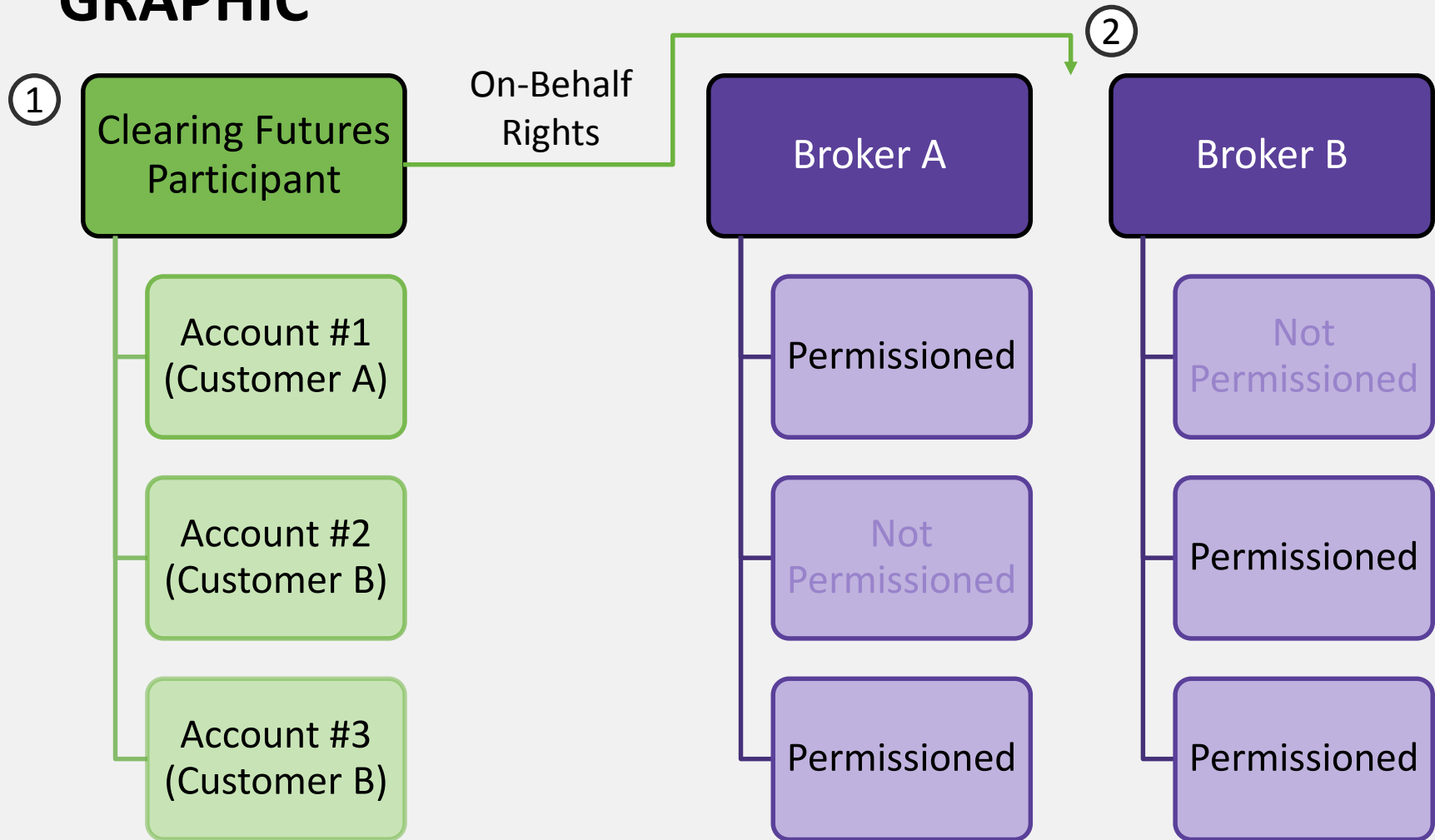
Most Customers who utilize Brokerage Firms may rely on more than one Firm to facilitate trades through permissions for a given Account, which may be granted to multiple Brokerage Firms.



Facilitates the execution of trades between Customers and is responsible for reporting the Block Trade.

The beneficial owner of one or more trading accounts held with a Clearing Futures Participant

CONFIGURATION & PERMISSIONING GRAPHIC



CONFIGURATION & PERMISSIONING DETAILS

1. All Customer Accounts must be registered in the NFX trading platform as Accounts of a Clearing Futures Participant. This is required for all Customer Accounts, regardless of whether the Customer is going to engage in Order Book trading or Block Trading. The Account registration is electronically submitted via a request to the NFX Market Operations. Block Trades are subject to NFX Rules at Chapter IV, Section 10.
2. A Brokerage Firm is granted the generic right to register Block Trades on behalf of a Clearing Futures Participant or FCM.

The final step in the process is completed when the Clearing Futures Participant provides instructions for the assignment of a Brokerage Firm with trade reporting rights for a specific Account (representing the Customer). The assignment is electronically submitted via the NFX Block Trade reporting interface, and any necessary modifications may be submitted and applied intra-day. Please note that no Block Trade reports can be submitted by a trade reporting Brokerage Firm until the respective Accounts have been approved by the Exchange. Each Account can be utilized by one or multiple Authorized Traders, each of which will have a unique Authorized Trader ID.

CONFIGURATION & PERMISSIONING

FCM CONFIGURATIONS

FCM Nasdaq-Port Registration

- All FCM broker permissioning is executed via Nasdaq-Port
 - Can use GUI or connect via API
- Submit Request Form for access and credential to Nasdaq-Port
 - Administrator(s) is typically a risk manager(s)
 - Nasdaq-Port access is governed by Exchange Rules

FCM Broker Permissioning

- All registered ORBs will be listed on Nasdaq-Port
- FCM can select listed ORBs to report on behalf of specific Accounts
 - FCM uses the Max Trade Report Size limit via Trade Guard PTRM to allow or restrict Trade Reporting in specific products with volumetric limits.
 - All Trade Reported transactions, regardless of entry venue (Nasdaq Port, TT, or API) must pass through Nasdaq Port account specific broker permissioning set by FCM as well as the TradeGuard PTRM system.

CONFIGURATION & PERMISSIONING

CONFIGURE TRADE REPORT ACCOUNTS VIEW

Q-PORT - GSTT_NFXWS2

CONFIGURE TRADE REPORT ACCOUNTS Participant * NFX

Allow trade report on-behalf Remove rights

AccountID	AccountInfo	AccountType	CTICode	OCCAccID	Status	BlockEligible
00104947	Velite Benchmark Capital Managem	A	4	00497	Trade reporting on-behalf allowed	Yes
00104947	GS HC	A	2	00497	Trade reporting on-behalf allowed	Yes
NFX	JANY Desk Ac					
00104947	BBL Commodity					
00104947	Velite Benchm					
28202645	Freepoint Com					
00104947	Velite Benchm					
00104947	Wolverine Hold					
75000416	J Aron					
26200000	Freepoint Com					
00104947	I	A	4	00497	Trade reporting on-behalf allowed	No
00700070	BBL Commodities LLP	A	4	00497	Trade reporting on-behalf allowed	No
00104947	DRW Investment	A	4	00497	Trade reporting on-behalf allowed	No

ACCOUNTS

Participant	AccountID	AccountInfo	AccountType	CTICode	OCCAccID	CustomerID	BlockEligible
GSTT	00104947	GS HC	A	2	00497	GSHC	Yes
GSTT	00104947	Velite Benchmark Capital Managem	A	4	00497	VBC6	Yes
GSTT	00104947	Velite Benchmark Capital Managem	A	4	00497	VBC7	Yes
GSTT	00104947	Velite Benchmark Capital Managem	A	4	00497	VBC1	Yes
GSTT	00104947	Velite Benchmark Capital Managem	A	4	00497	VBC2	Yes

1. Search for the Participant (e.g. Broker) to give on-behalf rights.
2. Select Accounts to allow/remove Participant (e.g. Broker) rights to report. Multiple selection can be edited at once.
3. Pop-out the Accounts window to help navigate Account lists.
4. Export tables to Excel as needed.

CONFIGURATION & PERMISSIONING

ACCOUNTS VIEW

TRADES

- Enter Single Leg Trade Report
- Enter Trade Report
- Trades
- Trade History
- Configure Trade Report Accounts
- Accounts

The Accounts window shows all of the details for permissioned accounts.

FCM.....Participant
 Account #..... AccountID
 Company..... AccountInfo

Q-PORT - GSTT_NFXWS2

ACCOUNTS

Participant	AccountID	AccountInfo	AccountType	CTICode	OCCAcclID	CustomerID	BlockEligible
GSTT	00000000	GS HC	A	2	000000	GSHC	Yes
GSTT	00100000	Velite Benchmark Capital Managem	A	4	00497	VBC6	Yes
GSTT	00100001	Velite Benchmark Capital Managem	A	4	00497	VBC7	Yes
GSTT	00100002	Velite Benchmark Capital Managem	A	4	00497	VBC1	Yes
GSTT	00100003	Velite Benchmark Capital Managem	A	4	00497	VBC2	Yes
GSTT	00100004	Velite Benchmark Capital Managem	A	4	00497	VBC3	Yes
GSTT	00100005	Velite Benchmark Capital Managem	A	4	00497	VBC4	Yes
GSTT	00100007	Velite Benchmark Capital Managem	A	4	00497	VBC5	Yes
GSTT	00100009	BBL Commodities LLP	A	4	00497	BBL5	No
GSTT	00100010	Noble Americas Energy Solutions	A	4	00497	NBL1	Yes
GSTT	00100011	Noble Americas Energy Solutions	A	4	00497	NBES	Yes
GSTT	00100012	Pacific Summit Energy LLC	A	4	00497	PSE1	Yes
GSTT	00100013	I	A	4	00497	K2	No
GSTT	00100014	Jamison Capital Partners LP	A	4	00497	JCP5	Yes

HINTS:

1. Use the Settings sprocket to edit columns.
2. Pop-up an Accounts window to search for FCMs when entering trades.
3. Brokers can check all their on-behalf account rights.

CONFIGURATION & PERMISSIONING

TRADEGUARD PRE-TRADE RISK MANAGEMENT

Pre-Trade Risk Check	Description
Total Net Buy	Traded Net + Open Buy per Instrument Class
Total Net Sell	Traded Net + Open Sell per Instrument Class
Max Order Size (CLOB)	Per Instrument Class and Combination Class
Max Trade Report Size	Per Instrument Class and Combination Class
Restricted Symbols	List of symbols that cannot be traded per PTLG
Manual Block	Manually block all new orders per PTLG
Risk Check Name	Description
Max Order Size (SOQ)	Per Instrument Class and Combination Class
Restricted Symbol	List of symbols that cannot be traded by the sponsored participant
Kill Switch	Manually reject all new orders and Cancel/Replaces
Feature	Description
Mass Cancel Open Orders	Cancel all outstanding open orders for a Pre Trade Limits Group
Multiple Notification Thresholds	Send notifications based on Notice, Warning and Breach threshold settings.
Email Notifications	Send email to one or more addresses when the Notice, Warning or Breach threshold is crossed once per day.
Drop Copy Disconnection Event	Upon disconnection of a sponsoring participant's drop copy connection, all Pre Trade Limits Groups connected to that participant will go into reject mode.

USER GUIDE: http://business.nasdaq.com/Docs//TradeGuard%20User's%20Guide%20NFX_tcm5044-18291.pdf

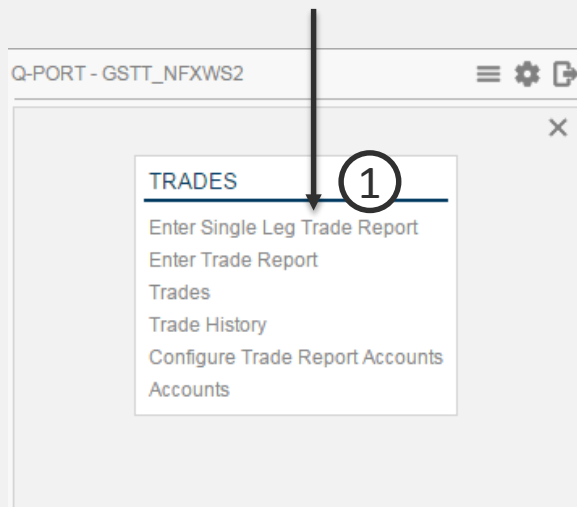
Pre-trade risk checks all CLOB and off-Exchange Transactions using [global volumetric risk limits](#) for both execution types. Limits are maintained at the account level where several accounts can be combined into a [Pre-Trade Limits Group \(PTLG\)](#). All legs of a trade are checked and rejected together – [no partially rejected trade reports](#).

ENTER A BLOCK TRADE REPORT

ENTER A BLOCK TRADE REPORT

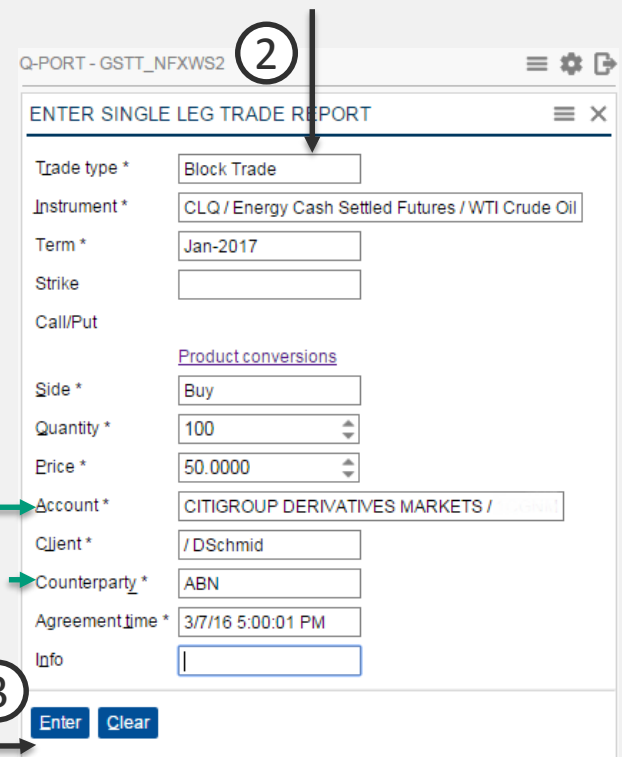
PRINCIPLE (AKA. SINGLE SIDE) TRADE REPORT

Select “Enter Single Leg Trade Report”



A single side, single leg trade report must wait for Q-Port to match it to an equal and opposite counterpart (once entered into Q-Port).

Enter the complete details of one of the sides of the trade.



A screenshot of the 'ENTER SINGLE LEG TRADE REPORT' form in the Q-PORT application. The window title is 'Q-PORT - GSTT_NFXWS2'. The form contains the following fields: 'Trade type *' (Block Trade), 'Instrument *' (CLQ / Energy Cash Settled Futures / WTI Crude Oil), 'Term *' (Jan-2017), 'Strike' (empty), 'Call/Put' (empty), 'Side *' (Buy), 'Quantity *' (100), 'Price *' (50.0000), 'Account *' (CITIGROUP DERIVATIVES MARKETS / ...), 'Client *' (/ DSchmid), 'Counterparty *' (ABN), 'Agreement time *' (3/7/16 5:00:01 PM), and 'Info' (empty). A red circle with the number '2' is placed over the top right corner of the form, with a red arrow pointing to it from the text above. At the bottom of the form, there are 'Enter' and 'Clear' buttons. A red circle with the number '3' is placed over the 'Enter' button, with a red arrow pointing to it from the text below.

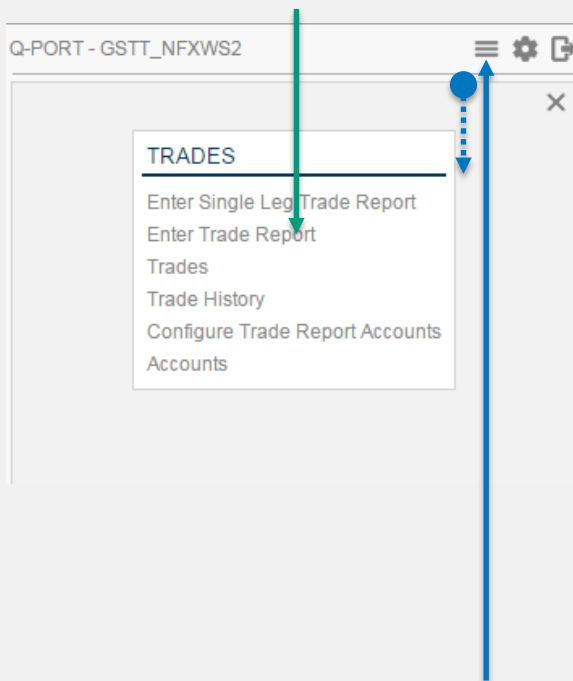
aka FCM account of the Customer

aka FCM

Enter and Confirm the trade.

ENTER A BLOCK TRADE REPORT ON-BEHALF TRADE REPORT

Select “Enter Trade Report”



A Block Trade can be reported onto NFX on behalf of another Customer with respect to permissions setup by FCMs for their accounts.

EX. Broker reports both sides of a trade done off-exchange between two parties, where the Broker has been given on-behalf rights to those specific FCM Accounts.

HINT:

- ✓ *Multiple Windows and Q-Port instances can be open at the same time.*

ENTER A BLOCK TRADE REPORT STEP BY STEP

HINT: Keyword search any field

Link to Contracts/Month calendar for MW & mmBtu

Additional Windows:
Drag window edge or Popup

Q-PORT - GSTT_NFXWS2

ENTER TRADE REPORT

Agreement time * Trade type * Legs [Product conversions](#)

1 **2**

Instrument	Term	Strike	Call/Put	Quantity	Price	Buyer	Seller
PJMQ / Energy Cash Settled Futures / PJM Western Real-Time Peak	Jan-2017			21	50.0000	CITIGROUP DERIVATIVES MARKETS / DSchmid / ... / GSTT	J Aron / mugica / ... / GSTT
PJMQ / Energy Cash Settled Futures / PJM Western Real-Time Peak	Feb-2017			20	50.0000	CITIGROUP DERIVATIVES MARKETS / DSchmid / ... / GSTT	J Aron / mugica / ... / GSTT
PJMQ / Energy Cash Settled Futures / PJM Western Real-Time Peak	Mar-2017			23	50.0000	CITIGROUP DERIVATIVES MARKETS / DSchmid / ... / GSTT	J Aron / mugica / ... / GSTT
PJMQ / Energy Cash Settled Futures / PJM Western Real-Time Peak	Apr-2017			20	50.0000	CITIGROUP DERIVATIVES MARKETS / DSchmid / ... / GSTT	J Aron / mugica / ... / GSTT
PJMQ / Energy Cash Settled Futures / PJM Western Real-Time Peak	May-2017			22	50.0000	CITIGROUP DERIVATIVES MARKETS / DSchmid / ... / GSTT	J Aron / mugica / ... / GSTT
PJMQ / Energy Cash Settled Futures / PJM Western Real-Time Peak	Jun-2017			22	50.0000	CITIGROUP DERIVATIVES MARKETS / DSchmid / ... / GSTT	J Aron / mugica / ... / GSTT
PJMQ / Energy Cash Settled Futures / PJM Western Real-Time Peak	Jul-2017			20	50.0000	CITIGROUP DERIVATIVES MARKETS / DSchmid / ... / GSTT	J Aron / mugica / ... / GSTT
PJMQ / Energy Cash Settled Futures / PJM Western Real-Time Peak	Aug-2017			23	50.0000	CITIGROUP DERIVATIVES MARKETS / DSchmid / ... / GSTT	J Aron / mugica / ... / GSTT
PJMQ / Energy Cash Settled Futures / PJM Western Real-Time Peak	Sep-2017			20	50.0000	CITIGROUP DERIVATIVES MARKETS / DSchmid / ... / GSTT	J Aron / mugica / ... / GSTT
PJMQ / Energy Cash Settled Futures / PJM Western Real-Time Peak	Oct-2017			22	50.0000	CITIGROUP DERIVATIVES MARKETS / DSchmid / ... / GSTT	J Aron / mugica / ... / GSTT
PJMQ / Energy Cash Settled Futures / PJM Western Real-Time Peak	Nov-2017			21	50.0000	CITIGROUP DERIVATIVES MARKETS / DSchmid / ... / GSTT	J Aron / mugica / ... / GSTT
PJMQ / Energy Cash Settled Futures / PJM Western Real-Time Peak	Dec-2017			20	50.0000	CITIGROUP DERIVATIVES MARKETS / DSchmid / ... / GSTT	J Aron / mugica / ... / GSTT

3 **4** **5**

1. Enter the correct Agreement Time, select Trade Type, and Add an instrument.
2. Add any number of rows by entering the number of Legs or just clicking Add.
3. Highlight a row, enter the total # of legs, and populate a Strip using Expiry Strip.
4. Change attributes (e.g. Quantity, Price, etc.) as needed (use Enter, Tab, and Shift to navigate via keyboard).
5. Confirm/Enter the Trade Report. The Grid will stay populated for repeat entries.

ENTER A BLOCK TRADE REPORT ON-BEHALF TRADE REPORT (ADVANCED)

The [total number of] Legs input box feeds the Legs, Expiry Strip, and Add buttons.

Expiry Strip button populates a forward curve based on the first or selected row

Switch the Buyer/Seller of selected rows

Q-PORT - GSTT_NFXWS2

ENTER TRADE REPORT Enter Trade Report Confirm Trade Report

Agreement time * 3/9/16 2:11:28 PM Trade type * Block Trade Legs 12 Product conversions

Clear instrument Legs Expiry strip Switch buyer/seller Import Remove Add

Instrument	Term	Strike	Call/Put	Quantity	Price	Buyer	Seller
PJMQ / Energy Cash Settled Futures / PJM Western Real-Time Peak	Jan-2017			21	50.0000	CITIGROUP DERIVATIVES MARKETS / DSchmid /	J Aron / mugica / / GSTT
PJMQ / Energy Cash Settled Futures / PJM Western Real-Time Peak	Feb-2017			20	50.0000	CITIGROUP DERIVATIVES MARKETS / DSchmid /	J Aron / mugica / / GSTT
PJMQ / Energy Cash Settled Futures / PJM Western Real-Time Peak	Mar-2017			23	50.0000	CITIGROUP DERIVATIVES MARKETS / DSchmid /	J Aron / mugica / / GSTT
PJMQ / Energy Cash Settled Futures / PJM Western Real-Time Peak	Apr-2017			20	50.0000	CITIGROUP DERIVATIVES MARKETS / DSchmid /	J Aron / mugica / / GSTT
PJMQ / Energy Cash Settled Futures / PJM Western Real-Time Peak	May-2017			22	50.0000	CITIGROUP DERIVATIVES MARKETS / DSchmid /	J Aron / mugica / / GSTT
PJMQ / Energy Cash Settled Futures / PJM Western Real-Time Peak	Jun-2017			22	50.0000	CITIGROUP DERIVATIVES MARKETS / DSchmid /	J Aron / mugica / / GSTT
PJMQ / Energy Cash Settled Futures / PJM Western Real-Time Peak	Jul-2017			20	50.0000	CITIGROUP DERIVATIVES MARKETS / DSchmid /	J Aron / mugica / / GSTT
PJMQ / Energy Cash Settled Futures / PJM Western Real-Time Peak	Aug-2017			23	50.0000	CITIGROUP DERIVATIVES MARKETS / DSchmid /	J Aron / mugica / / GSTT
PJMQ / Energy Cash Settled Futures / PJM Western Real-Time Peak	Sep-2017			20	50.0000	CITIGROUP DERIVATIVES MARKETS / DSchmid /	J Aron / mugica / / GSTT
PJMQ / Energy Cash Settled Futures / PJM Western Real-Time Peak	Oct-2017			22	50.0000	CITIGROUP DERIVATIVES MARKETS / DSchmid /	J Aron / mugica / / GSTT
PJMQ / Energy Cash Settled Futures / PJM Western Real-Time Peak	Nov-2017			21	50.0000	CITIGROUP DERIVATIVES MARKETS / DSchmid /	J Aron / mugica / / GSTT
PJMQ / Energy Cash Settled Futures / PJM Western Real-Time Peak	Dec-2017			20	50.0000	CITIGROUP DERIVATIVES MARKETS / DSchmid /	J Aron / mugica / / GSTT

Confirm Clear

HINTS:

- ✓ Split-screen multiple deals
- ✓ Use Enter, Tab, and Shift keys to navigate the grid

Remove selected rows, instruments, or Clear all rows

“Add” first row, another blank row, or make a copy of selected rows.

VIEW TRADE LOG

VIEW TRADE LOG

TRADE HISTORY VIEW

Search by any date/time range (initially only 1 week history) or attribute

Sort by any column

Modify Columns
Export to Excel

Q-PORT - GSTT_NFXWS2

TRADE HISTORY From * 3/8/16 To * 3/8/16

TradeReportID	Instrument	InstrumentType	Underlying	Term	Strike	Call/Put	Quantity	Price	AgreeTime	ExecTime	BPart	BPartDescr	BACC	BCI	SPart
5CA8 9100 0001 C70C	BFQF7	Energy Cash Settled Futures	Brent Crude Oil	Jan-2017			100	50.0000	3/8/2016 9:31:29 AM	9:53:07 AM	GSTT	Goldman, Sachs & Co.	71.0000	0	
5CA8 9100 0001 C70C	BFQF7	Energy Cash Settled Futures	Brent Crude Oil	Jan-2017			100	50.0000	3/8/2016 9:31:29 AM	9:53:07 AM					
5CA8 9100 0001 C70C	BCQF7_49.50C	Energy American Call Opt.	Brent Crude Oil	Jan-2017	49.50	Call	100	2.0000	3/8/2016 9:31:29 AM	9:53:07 AM	GSTT	Goldman, Sachs & Co.	10.0000	DSc	
5CA8 9100 0001 C70C	BCQF7_49.50C	Energy American Call Opt.	Brent Crude Oil	Jan-2017	49.50	Call	100	2.0000	3/8/2016 9:31:29 AM	9:53:07 AM					

COLUMNS

- TradeReportID
- Instrument
- InstrumentType
- Underlying
- Term
- Strike
- Call/Put
- Quantity
- Price
- AgreeTime

The Trade History view shows all trades, both Off-Exchange Trade Reported (Block) and On-Exchange Central Limit Order Book (CLOB).

The "Trades" view shows current (day) trading session activity.

TRADES

- Enter Single Leg Trade Report
- Enter Trade Report
- Trades
- Trade History
- Configure Trade Report Accounts
- Accounts

OTC TOOLS AND INTERFACES

OTC TOOLS AND INTERFACES

	Nasdaq Q-Port	TT Block Trade	Nasdaq Trade- Guard	FIX API
CLOB Market data viewer		√		√
Single Trade Report Registration	√	√		√
Strategy Trade Report Registration	√	√		√
OTC Trade ticker		√		√
OTC private trade data	√	√		√
Settlement Prices		√		√
Account Permissions	√			
Pre-trade risk controls			√	

Broker Tools

- Nasdaq [Q-Port](#) – easy-to-use browser-based tool for reporting of off-exchange trades
- Block trade by [TT](#) – Next generation TT in process of including NFX OTC market data (OTC trade ticker), batch account setup, and enhanced block trade reporting

FCM Tools

- Nasdaq [Q-Port](#) – easy-to-use browser-based tool for account permissions for trade reporting
- Nasdaq [TradeGuard](#) – Pre-trade risk management controls

NFX Contact Information

TRADE REPORTING DESK

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