

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, Inc. 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 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 Web Interface (GIW).

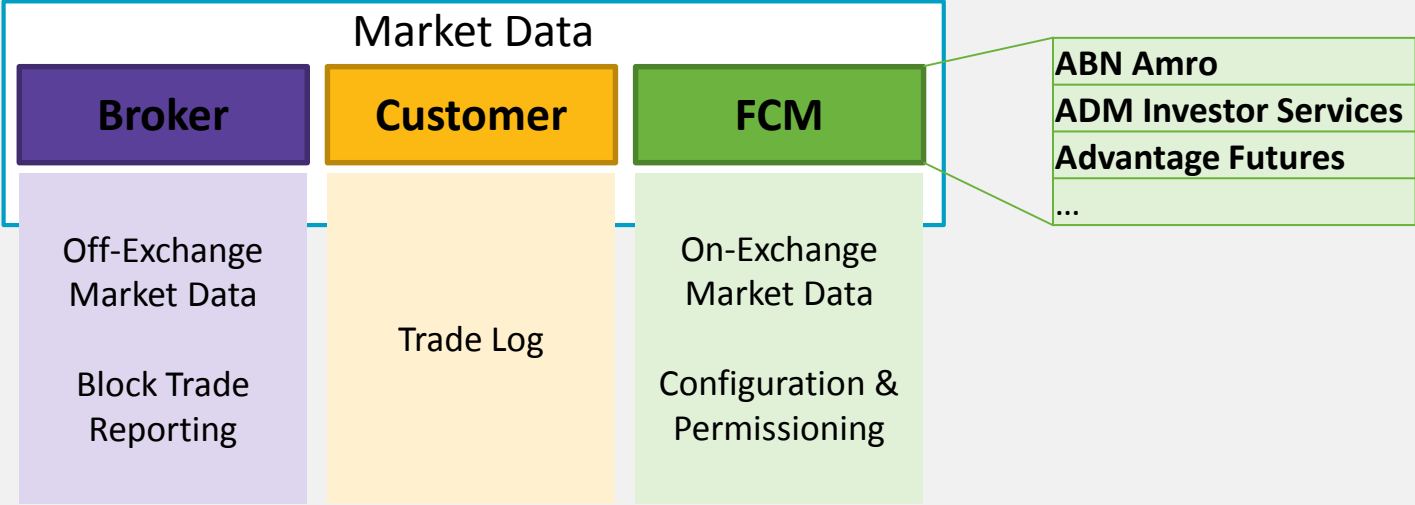
NFX ENERGY PRODUCT LISTING

Complete contract specifications can be found here: <http://www.nasdaqomx.com/transactions/markets/nasdaq-futures/products>

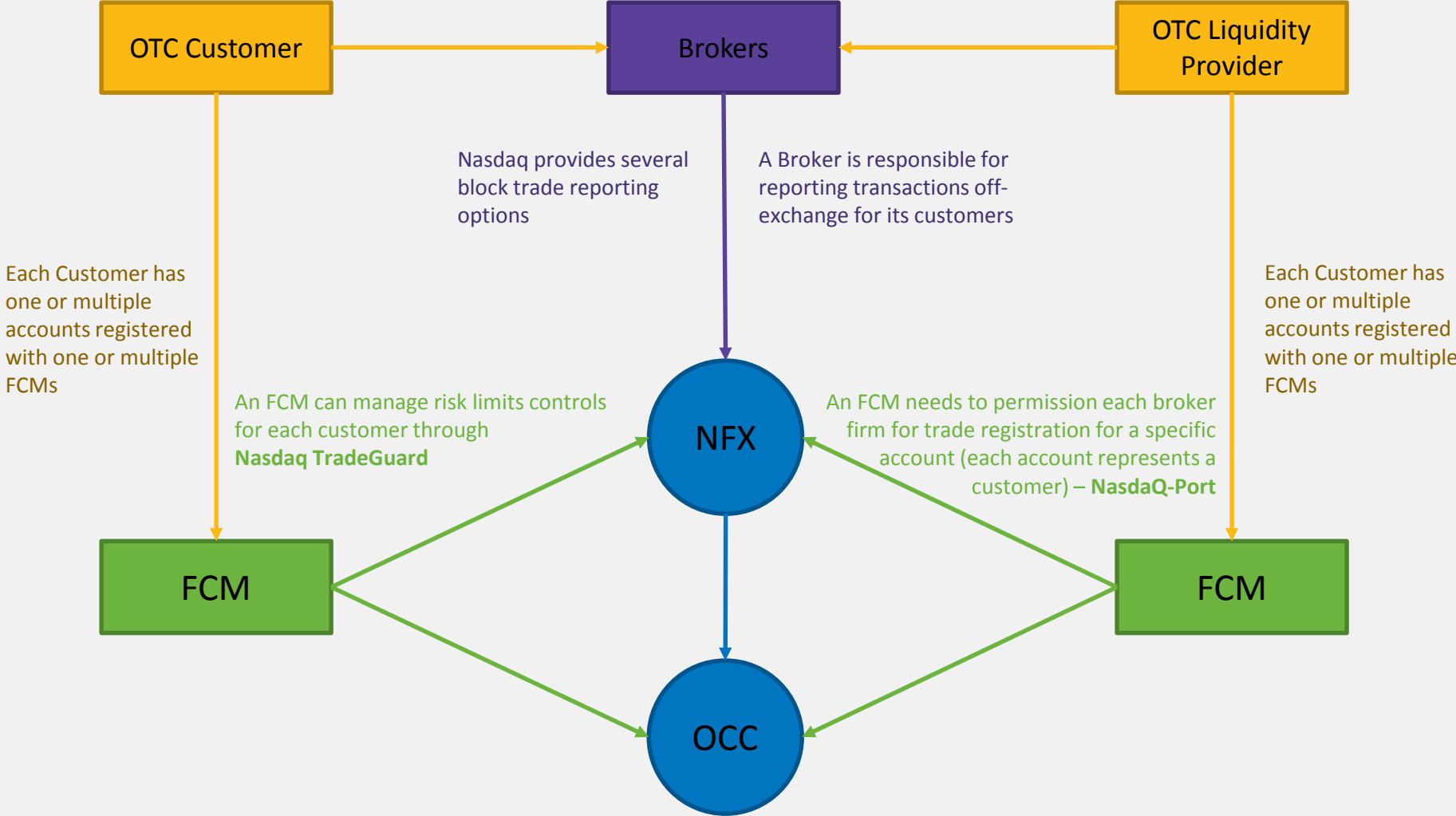
Contract Name	Symbol	Size	Units	Type	Block		Single		Ref. All Limit	Ref. xchg	Ref. Symbol
					Block Size	Window (minutes)	Spot	Limit			
Oil and Refined Products											
NFX Brent Crude Financial Futures	BFQ	1,000	Barrels	Futures	25	5	4,000	10,000	20,000	ICE	B
NFX Options on NFX Brent Crude Financial Futures	BCQ	1,000	Barrels	Am. Option	25	15	4,000	10,000	20,000	ICE	B
NFX WTI Crude Oil Financial Futures	CLQ	1,000	Barrels	Futures	50	5	3,000	10,000	20,000	CME	CL
NFX Options on NFX WTI Financial Futures	LOQ	1,000	Barrels	Am. Option	25	15	3,000	10,000	20,000	CME	LO
NFX Low Sulphur Gasoil Financial Futures	GOQ	100	Metric tons	Futures	10	15	1,000	5,000	7,000	ICE	G
NFX Heating Oil Financial Futures	HOQ	42,000	Gallons	Futures	25	5	1,000	5,000	7,000	CME	HO
NFX RBOB Gasoline Financial Futures	RBQ	42,000	Gallons	Futures	25	15	1,000	5,000	7,000	CME	RB
Natural Gas											
NFX Henry Hub Natural Gas Financial Futures -2,500	NNQ	2,500	MMBtu	Futures	25	15	1,000	12,000	12,000	CME	NN
NFX Henry Hub Natural Gas Penultimate Financial Futures - 2,500	NPQ	2,500	MMBtu	Futures	25	15	1,000	12,000	12,000	CME	NP
NFX Henry Hub Natural Gas Financial Futures -10,000	HHQ	10,000	MMBtu	Futures	50	15	1,000	12,000	12,000	CME	HH
NFX Henry Hub Natural Gas Penultimate Financial Futures - 10,000	HUQ	10,000	MMBtu	Futures	50	15	1,000	12,000	12,000	CME	HP
NFX Options on NFX Henry Hub Penultimate Financial Futures - 10,000	LNQ	10,000	MMBtu	Eu. Option	15	15	1,000	12,000	12,000	CME	LN
Power											
NFX CAISO NP-15 Hub Day-Ahead Off-Peak Financial Futures	ONPQ	25	Mwh	Futures	10	15	60,000	60,000	60,000	ICE	ONP
NFX CAISO NP-15 Hub Day-Ahead Peak Financial Futures	NPMQ	400	Mwh	Futures	10	15	4,000	4,000	7,000	ICE	NPM
NFX CAISO SP-15 Hub Day-Ahead Off-Peak Financial Futures	OPFQ	25	Mwh	Futures	10	15	95,000	95,000	95,000	ICE	OPF
NFX CAISO SP-15 Hub Day-Ahead Peak Financial Futures	SPMQ	400	Mwh	Futures	10	15	6,000	6,000	15,000	ICE	SPM
NFX ISO-NE Massachusetts Hub Day-Ahead Off-Peak Financial Futures	NOPQ	50	Mwh	Futures	10	15	45,000	45,000	80,000	ICE	NOP
NFX ISO-NE Massachusetts Hub Day-Ahead Peak Financial Futures	NEPQ	800	Mwh	Futures	10	15	3,000	3,000	10,000	ICE	NEP
NFX MISO Indiana Hub Real-Time Off-Peak Financial Futures	CPOQ	50	Mwh	Futures	10	15	13,500	20,000	30,000	ICE	CPO
NFX MISO Indiana Hub Real-Time Peak Financial Futures	CINQ	800	Mwh	Futures	10	15	875	2,000	10,000	ICE	CIN
NFX PJM AEP Dayton Hub Real-Time Off-Peak Financial Futures	AODQ	50	Mwh	Futures	10	15	12,000	25,000	60,000	ICE	AOD
NFX PJM AEP Dayton Hub Real-Time Peak Financial Futures	MSOQ	800	Mwh	Futures	10	15	1,000	2,000	5,000	ICE	MSO
NFX PJM Northern Illinois Hub Real-Time Off-Peak Financial Futures	NIOQ	50	Mwh	Futures	10	15	40,000	49,000	78,400	ICE	NIO
NFX PJM Northern Illinois Hub Real-Time Peak Financial Futures	PNLQ	800	Mwh	Futures	10	15	2,500	4,200	5,250	ICE	PNL
NFX PJM Western Hub Day-Ahead Off-Peak Financial Futures	PJDQ	50	Mwh	Futures	10	15	60,000	60,000	150,000	ICE	PJD
NFX PJM Western Hub Day-Ahead Peak Financial Futures	PJCQ	800	Mwh	Futures	10	15	3,750	5,000	15,000	ICE	PJC
NFX PJM Western Hub Real-Time Off-Peak Financial Futures	OPJQ	50	Mwh	Futures	10	15	60,000	60,000	150,000	ICE	OPJ
NFX PJM Western Hub Real-Time Peak Financial Futures	PJMQ	800	Mwh	Futures	10	15	3,750	5,000	15,000	ICE	PJM

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) are a sub-set of Authorized Customer under NFX rules
 - Must comply with all Exchange rules
 - Must be registered with NFA
- Registration does NOT require an Exchange membership

ORB Registration Process

- Execute NFX Off-Exchange Reporting Broker Access Agreement
 - Available by contacting futures@nasdaq.com
 - NFA registration confirmed initially
- Submit Request Form for access and credential to Nasdaq-Port by contacting NFXOps@nasdaq.com
- 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

Support Tools

Cast (CQG)

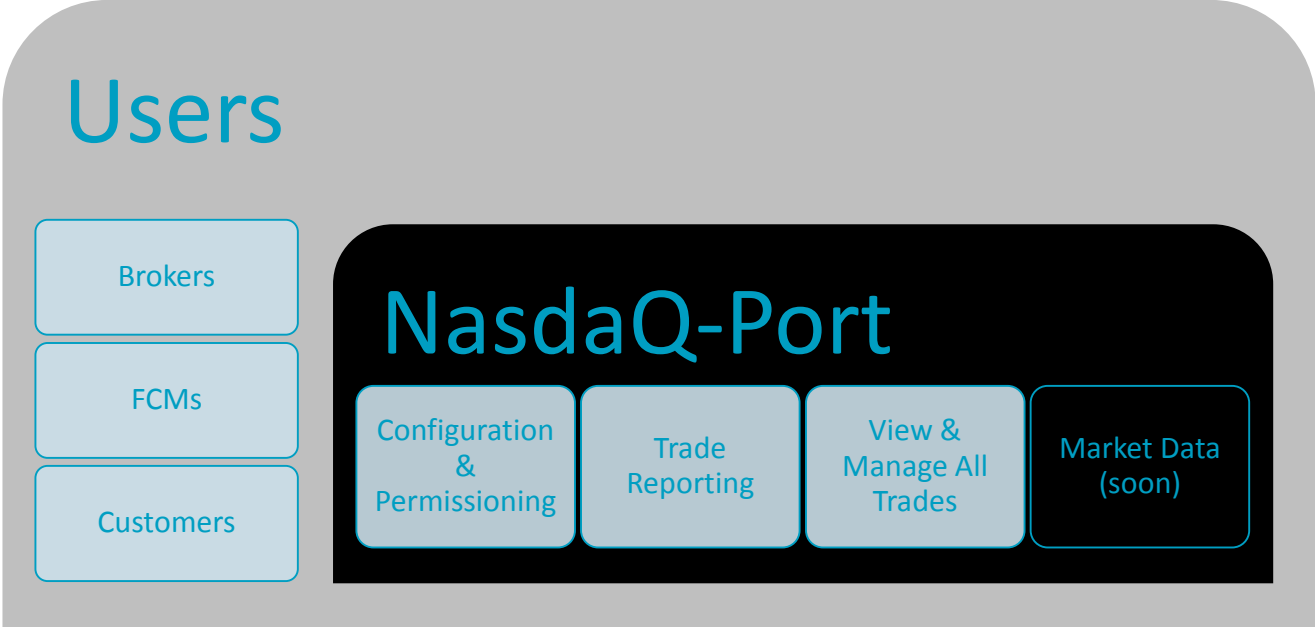
- FCMs
- Users
- Authorized Traders
- Brokers, etc.

TradeGuard

- Pre-trade Risk
- Post Entry Check
- Notifications
- CLOB and Block

Nasdaq-Port (Core)

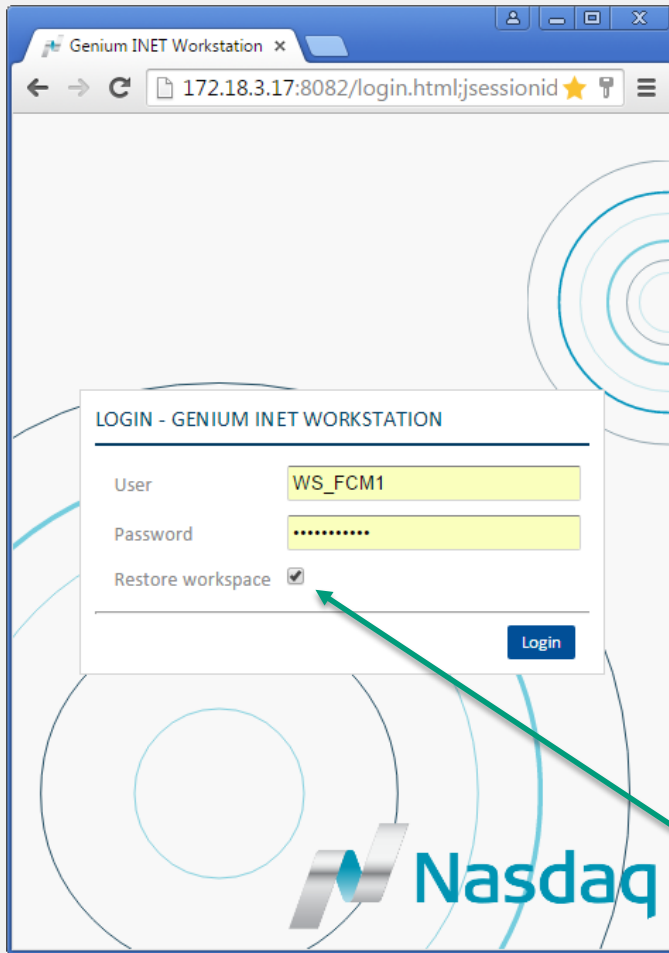
- Setup Entities from Cast relationships
- Permissions



Q-PORT

GETTING STARTED

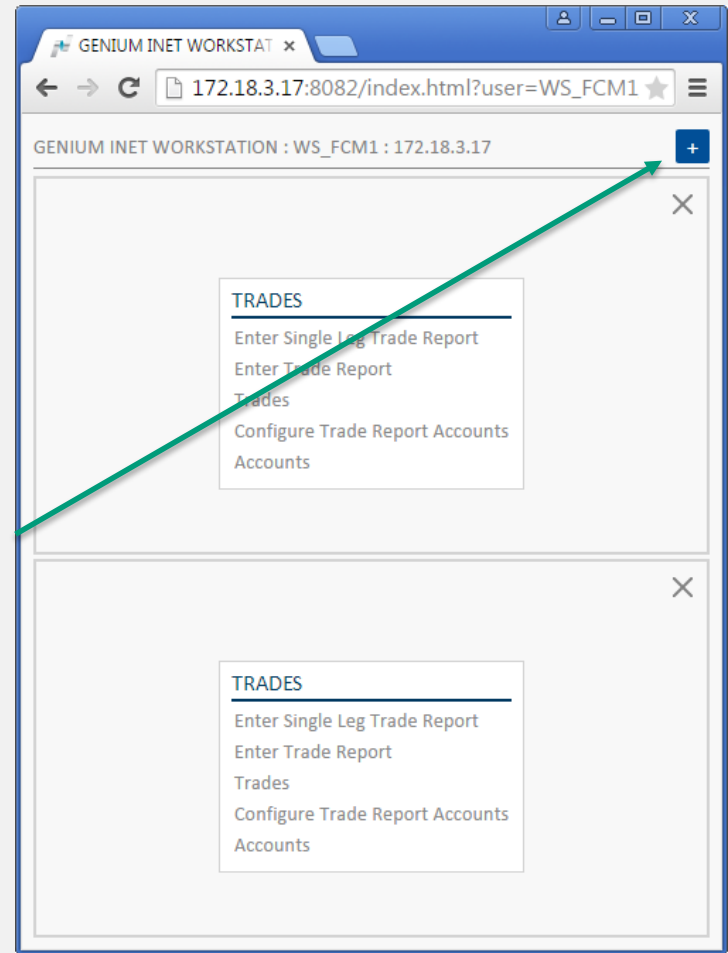
Q-PORT GETTING STARTED



Using
Google
Chrome or
IE11

Add
multiple
windows

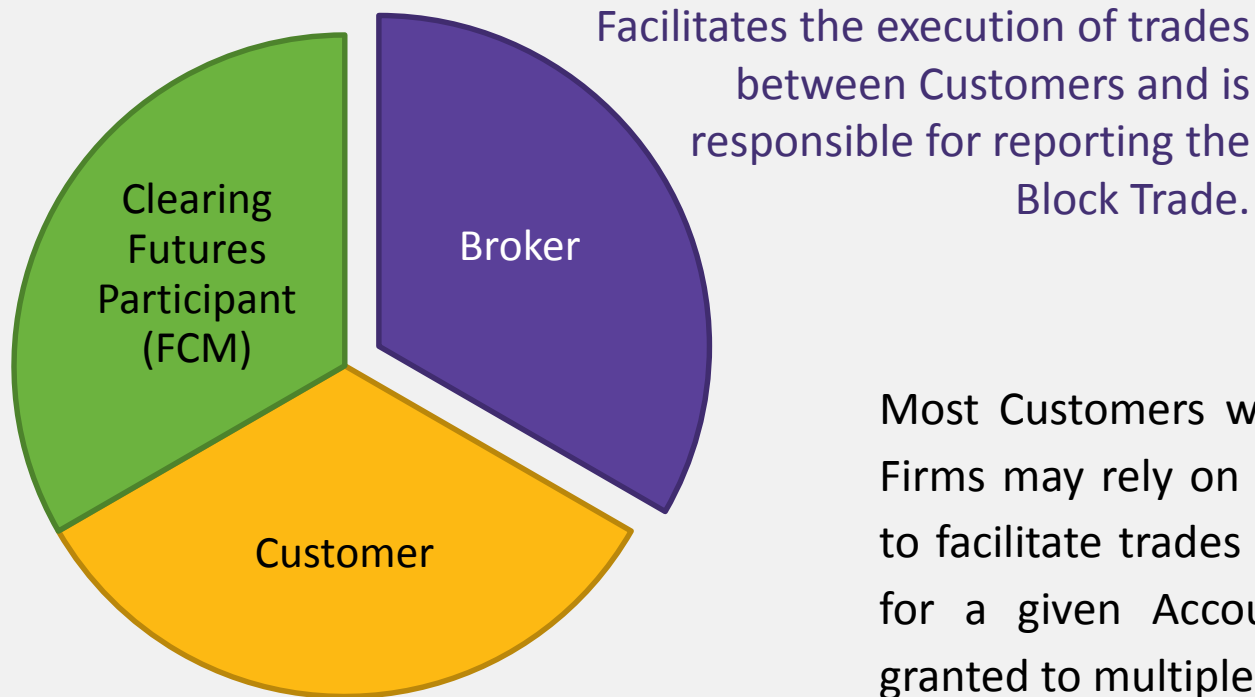
Restores
the User's
previous
setup



CONFIGURATION & PERMISSIONING

CONFIGURATION & PERMISSIONING

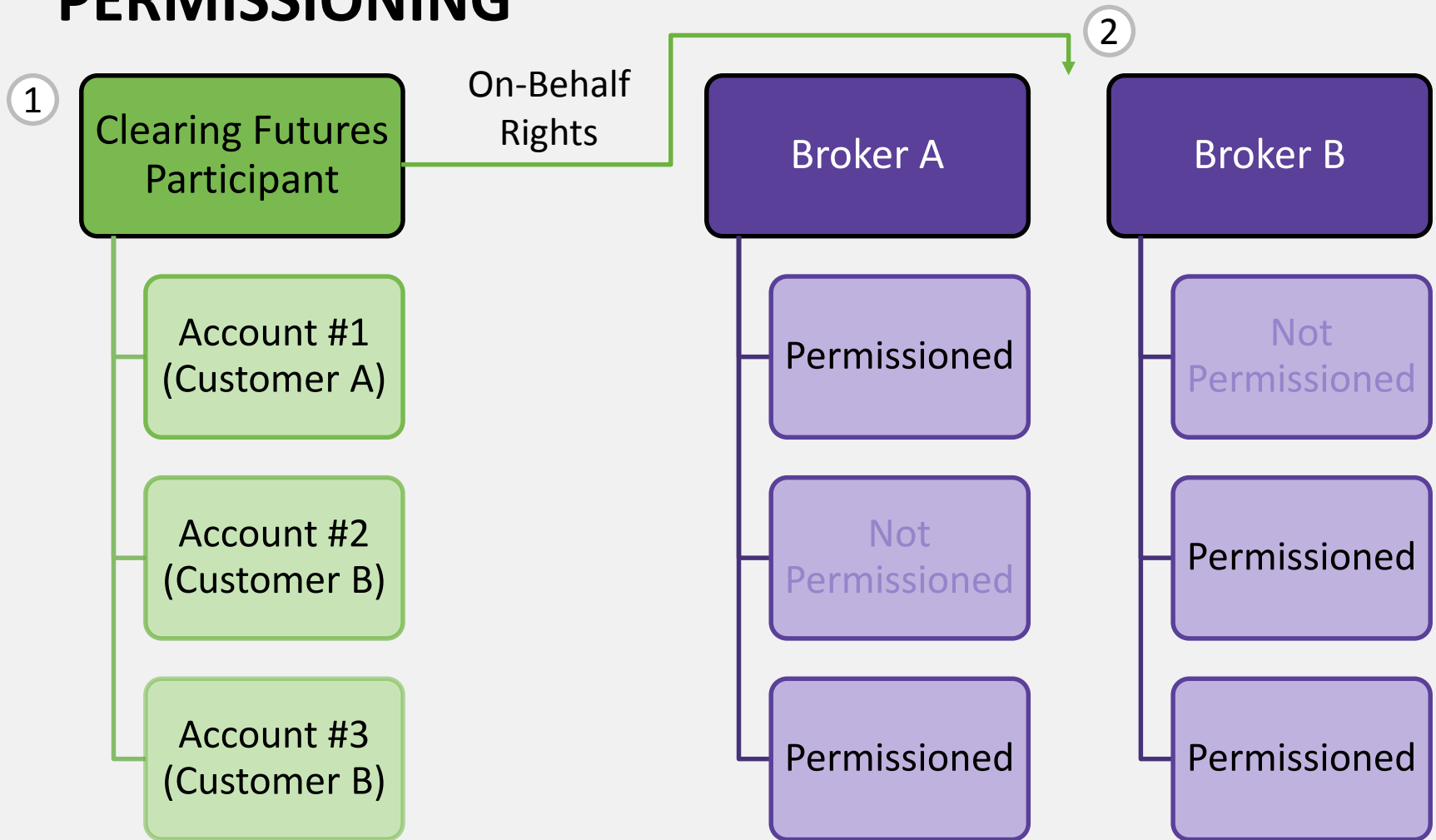
MAIN TRADE REPORTING PARTIES



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.

CONFIGURATION & PERMISSIONING

PERMISSIONING



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

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

GENIUM INET WORKSTATION : WS_SOFIA2 : 10.175.16.211

CONFIGURE TRADE REPORT ACCOUNTS

Participant * NFAAA Allow trade report on-behalf Remove rights

Account ID	AccDescr	OCCAccID	SegrType	CTICode	Status
ACC1					Trade reporting on-behalf allowed
ACC2					Trade reporting on-behalf allowed
ACC3					Not allowed
B11					Not allowed
B12					Not allowed

Trade report on-behalf rights enabled

ACCOUNTS

Participant	Account	Account Info	Customer ID	Segregation Type	CTI Code	OCC Acc ID
NFBR1	ACC1				0	
NFBR1	ACC2				0	
NFBR1	ACC3				0	
NFBR1	B11				0	
NFBR1	B12				0	
NFBR1	B13				0	

CONFIGURATION & PERMISSIONING

ACCOUNTS VIEW

TRADES
Enter Single Leg Trade Report
Enter Trade Report
Trades
Configure Trade Report Accounts
Accounts

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

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

Participant	AccountID	AccountInfo	AccountType	CTICode	OCCAcclID	CustomerID
NFBRO1	1	123	A	1	00598	HOU1
NFBRO1	2	456	A	1	00598	HOU2
NFBRO1	3	789	A	1	00598	HOU3
NFBRO1	BR1_1	Broker 1 Account 1	A	1	00115	TE01
NFBRO1	BR1_2	Broker 1 Account 2	A	2	00115	TE02
NFAAAA	A1	Participant AAA Acc 1	A	1	00115	TE01
NFBBB	B1	Participant BBB Acc 1	A	1	00099	TE01
NFBFB	B4	Participant BBB Acc 4	A	3	00099	TE04
NFFCM1	20000	Company 1	A	4	00598	HOU2
NFFCM1	3000	Company 4	A	4	00099	TE10
NFFCM1	30000	Company 1	A	4	00598	HOU3
NFFCM1	4000	Company 5	A	4	00099	TE12
NFFCM1	40000	Company 2	A	4	00598	HOU4
NFFCM1	50000	Company 2	A	4	00598	HOU5
NFFCM1	6000	Company 7	A	4	00099	TE13
NFFCM1	60000	Company 3	A	4	00598	HOU6
NFFCM1	7000	Company 8	A	4	00099	TE16
NFFCM1	8000	Company 9	A	4	00099	TE17
NFFCM1	9000	Company 10	A	4	00099	TE18
NFFCM2	1000	Company 1	A	4	00099	TE11
NFFCM2	10000	Company 2	A	4	00099	TE19

HINTS:

1. Use split screen to search for FCMs when entering trades.
2. 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.

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 check and rejected together – [no partially rejected trades](#).

ENTER A BLOCK TRADE REPORT

ENTER A BLOCK TRADE REPORT

PRINCIPLE TRADE REPORT

Select "Enter Single Leg Trade Report"

GENIUM INET WORKSTATION : WS_TOB2 : 172.18.3.17

TRADES

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

aka FCM account of the Customer

aka FCM

A single side, single leg trade report must wait to be matched by Q-Port to its equal and opposite counterpart (once entered into Q-Port).

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

GENIUM INET WORKSTATION : WS_TOB2 : 172.18.3.17

ENTER SINGLE LEG TRADE REPORT

Trade type * Block Trade

Instrument * CLQF6

Side * Buy

Quantity * 100

Price * 50.0000

Account * 123 24

Client Client 1

Counterparty * NFFCM1

Agreement time * 5/13/15 11:57:19 AM

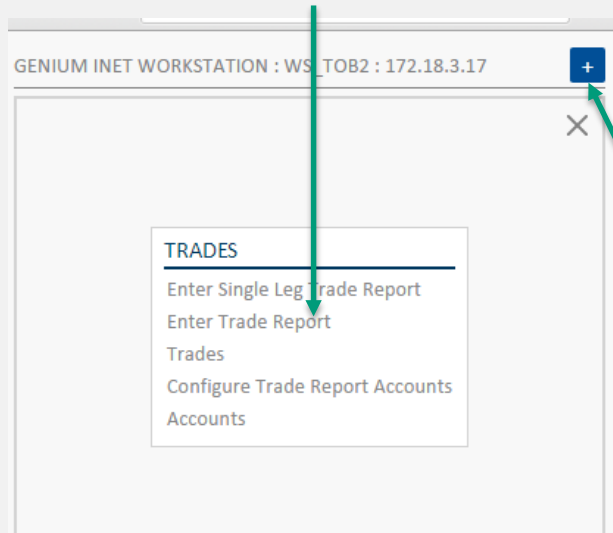
Info

Enter Clear

Enter and Confirm the trade.

ENTER A BLOCK TRADE REPORT ON-BEHALF TRADE REPORT

Select “Enter Trade Report”



Multiple
Windows can
be open at the
same time

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.

ENTER A BLOCK TRADE REPORT ON-BEHALF TRADE REPORT

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

GENIUM INET WORKSTATION : WS_BRO2 : 172.18.3.17

ENTER TRADE REPORT

Agreement time * 5/13/15 12:22:52 PM Trade type * Block Trade Legs 12

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

Instrument	Underlying	ExpDate	Strike	Call/Put	Quantity	Price	BPart	BAcc	BClient	SPart	SAcc	SClient
PJMQF6	PJM Western Real-Time Peak	2/8/16			100	50.0000	NFFCM1	Customer2 40000	Client 1	NFFCM2	Customer2 20000	Client 2

Enter trade report Clear

Trade report entered Sends the trade report.

TRADES

OrderNo	Instrument	Underlying	ExpDate	Strike	Call/Put	Quantity	Price	AgreeTime	ExecTime	BPart	BAcc	BClient	SPart	SAcc	SClient	TradeID	TradeType	Type
5803 8F00 0000 83C2	PJMQF6	PJM Western Real-Time Peak	2/8/16			100	50.0000	5/13/2015 12:22:52 PM	1:34:18 PM	NFFCM2	20000	Client 1				10,285	Block Trade	Standard
5803 8F00 0000 83C2	PJMQF6	PJM Western Real-Time Peak	2/8/16			100	50.0000	5/13/2015 12:22:52 PM	1:34:18 PM				NFFCM1	40000	Client 2	10,286	Block Trade	Standard

The prior trade entry stays up on the screen for easy editing.

Hover over any object to show Help text.

HINT: Split the screen with the Accounts window to search for FCMs (aka. B[S]Part).

ENTER A BLOCK TRADE REPORT ON-BEHALF TRADE REPORT

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

Use the Expiry Strip button along with the Legs input box to populate a forward curve based on the first or selected row

GENIUM INET WORKSTATION : WS_BRO2 : 172.18.3.17

ENTER TRADE REPORT

Agreement time * 5/13/15 12:22:52 PM Trade type * Block Trade Legs 12

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

Instrument	Underlying	ExpDate	Strike	Call/Put	Quantity	Price	BPart	BAcc	BClient	SPart	SAcc	SClient
PJMQF6	PJM Western Real-Time Peak	2/8/16			50	50.0000	NFFCM1	Customer2 40000	Client 1	NFFCM2	Customer2 20000	Client 2
PJMQG6	PJM Western Real-Time Peak	3/8/16			60	51.0000	NFFCM1	Customer2 40000	Client 1	NFFCM2	Customer2 20000	Client 2
PJMQH6	PJM Western Real-Time Peak	4/8/16			70	52.0000	NFFCM1	Customer2 40000	Client 1	NFFCM2	Customer2 20000	Client 2
PJMQJ6	PJM Western Real-Time Peak	5/9/16			80	53.0000	NFFCM1	Customer2 40000	Client 1	NFFCM2	Customer2 20000	Client 2
PJMQK6	PJM Western Real-Time Peak	6/8/16			90	54.0000	NFFCM1	Customer2 40000	Client 1	NFFCM2	Customer2 20000	Client 2
PJMQM6	PJM Western Real-Time Peak	7/11/16			100	55.0000	NFFCM1	Customer2 40000	Client 1	NFFCM2	Customer2 20000	Client 2
PJMQN6	PJM Western Real-Time Peak	8/8/16			100	55.0000	NFFCM1	Customer2 40000	Client 1	NFFCM2	Customer2 20000	Client 2
PJMQQ6	PJM Western Real-Time Peak	9/9/16			90	54.0000	NFFCM1	Customer2 40000	Client 1	NFFCM2	Customer2 20000	Client 2
PJMQU6	PJM Western Real-Time Peak	10/10/16			80	53.0000	NFFCM1	Customer2 40000	Client 1	NFFCM2	Customer2 20000	Client 2
PJMQV6	PJM Western Real-Time Peak	11/8/16			70	52.0000	NFFCM1	Customer2 40000	Client 1	NFFCM2	Customer2 20000	Client 2
PJMQX6	PJM Western Real-Time Peak	12/8/16			60	51.0000	NFFCM1	Customer2 40000	Client 1	NFFCM2	Customer2 20000	Client 2
PJMQZ6	PJM Western Real-Time Peak	1/10/17			50	50.0000	NFFCM1	Customer2 40000	Client 1	NFFCM2	Customer2 20000	Client 2

Enter trade report Clear

Use Enter, Tab, and Shift keys to navigate the grid

Switch the Buyer/Seller of selected rows

Import a Trade Report into the Grid from Excel/CSV

Remove selected rows or Clear all rows

ENTER A BLOCK TRADE REPORT STEP BY STEP

1. Enter the correct Agreement Time and select Trade Type.
2. Add any number of rows by entering the number of Legs or clicking Add.

GENIUM INET WORKSTATION : WS_BRO2 : 172.18.3.17

ENTER TRADE REPORT

Agreement time * 5/13/15 12:22:52 PM Trade type * Block Trade Legs 12

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

Instrument	Underlying	ExpDate	Strike	Call/Put	Quantity	Price	BPart	BAcc	BClient	SPart	SAcc	SClient
PJMQF6	PJM Western Real-Time Peak	2/8/16			100	50.0000	NFFCM1	Customer2 40000	Client 1	NFFCM2	Customer2 20000	Client 2
PJMQG6	PJM Western Real-Time Peak	3/8/16			100	50.0000	NFFCM1	Customer2 40000	Client 1	NFFCM2	Customer2 20000	Client 2
PJMQH6	PJM Western Real-Time Peak	4/8/16			100	50.0000	NFFCM1	Customer2 40000	Client 1	NFFCM2	Customer2 20000	Client 2
PJMQJ6	PJM Western Real-Time Peak	5/9/16			100	50.0000	NFFCM1	Customer2 40000	Client 1	NFFCM2	Customer2 20000	Client 2
PJMQK6	PJM Western Real-Time Peak	6/8/16			100	50.0000	NFFCM1	Customer2 40000	Client 1	NFFCM2	Customer2 20000	Client 2
PJMQM6	PJM Western Real-Time Peak	7/11/16			100	50.0000	NFFCM1	Customer2 40000	Client 1	NFFCM2	Customer2 20000	Client 2
PJMQN6	PJM Western Real-Time Peak	8/8/16			100	50.0000	NFFCM1	Customer2 40000	Client 1	NFFCM2	Customer2 20000	Client 2
PJMQO6	PJM Western Real-Time Peak	9/9/16			100	50.0000	NFFCM1	Customer2 40000	Client 1	NFFCM2	Customer2 20000	Client 2
PJMQU6	PJM Western Real-Time Peak	10/10/16			100	50.0000	NFFCM1	Customer2 40000	Client 1	NFFCM2	Customer2 20000	Client 2
PJMQV6	PJM Western Real-Time Peak	11/8/16			100	50.0000	NFFCM1	Customer2 40000	Client 1	NFFCM2	Customer2 20000	Client 2
PJMQX6	PJM Western Real-Time Peak	12/8/16			100	50.0000	NFFCM1	Customer2 40000	Client 1	NFFCM2	Customer2 20000	Client 2
PJMQZ6	PJM Western Real-Time Peak	1/10/17			100	50.0000	NFFCM1	Customer2 40000	Client 1	NFFCM2	Customer2 20000	Client 2

Enter trade report Clear

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. Enter the Trade Report. The Grid will stay populated for repeating similar entries.

VIEW TRADE LOG

VIEW TRADE LOG

Search by any attribute, also using wildcard characters (*)

Sort by any attribute

Export to Excel

GENIUM INET WORKSTATION : WS_BRO2 : 172.18.3.17

TRADES

PJM

OrderNo	Instrument	Underlying	ExpDate	Strike	Call/Put	Quantity	Price	AgreeTime	ExecTime	BPart	BAcc	BClient	SPart	SAcc	SClient	TradeID	TradeType
5B03 8F00 0000 83C2	PJMQF6	PJM Western Real-Time Peak	2/8/16			100	50.0000	5/13/2015 12:22:52 PM	1:34:18 PM	NFFCM2	20000	Client 1				10,285	Block Trade
5B03 8F00 0000 83C2	PJMQF6	PJM Western Real-Time Peak	2/8/16			100	50.0000	5/13/2015 12:22:52 PM	1:34:18 PM				NFFCM1	40000	Client 2	10,286	Block Trade

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

OTC TOOLS AND INTERFACES

OTC TOOLS AND INTERFACES

	CLOB Market data viewer	Single Trade Report Registration	Strategy Trade Report Registration	OTC Trade ticker	OTC private trade data	Settlement Prices	Account Permissioning	Pre-trade risk controls
Nasdaq-Port		√	√		√		√	
Nasdaq QBOARD	√			√		√		
Block trade by TT	√	√	√	√	√	√		
Nasdaq TradeGuard								√
FIX API	√	√	√	√	√	√		

Broker Tools

- Nasdaq-Port – easy-to-use browser-based tool for reporting of off-exchange trades
- Nasdaq QBOARD – market data viewer with access to OTC trade ticker, CLOB prices, and settlement prices available to the public for free on web and mobile
- 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-Port – easy-to-use browser-based tool for account permissioning for trade reporting
- Nasdaq TradeGuard – Pre-trade risk management controls

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