

Additions underscored
Deletions [bracketed]

NYSE National, Inc.
Schedule of Fees and Rebates As Of [September 20, 2016]May 18, 2018

[The following is the Schedule of Fees and Rebates pursuant to Chapter XVI of the Rules of NYSE National, Inc. Order matching computations are made on a monthly basis unless otherwise noted. All references to “per share” mean “per share executed.”]

Transaction Fees and Rebates

Securities \$1 and Above (All Tapes)

Fees per share:

For ETP Holders executing 50,000 shares or greater of liquidity-adding volume during a calendar month, the following fees per share apply:

Maker	Taker Fee	Routed Fee	Directed Order Fee
\$0.00	\$0.0003 ¹	\$0.0030	\$0.0035

For ETP Holders executing less than 50,000 shares of liquidity-adding volume during a calendar month, the following fees per share apply:

Maker	Taker Fee	Routed Fee	Directed Order Fee
\$0.00	\$0.0030	\$0.0030	\$0.0035

Securities Under \$1 (All Tapes)

Rebates/ Fees per share:

Maker Rebate	Taker & Routed Fee	Directed Order Fee
The lesser of: 0.25% of Trade value ² And 25% of the quote spread ³	0.30% of trade value	0.35% of trade value

Market Data Revenue⁴

Tier	ADV⁵	MDR% Shared
1.	≥0.5 million <1.5 million shares traded	25%
2.	≥1.5 million shares traded	50%

Regulatory Fee

Each ETP Holder shall be charged a regulatory fee of \$500 per calendar month.

Market Data

NYSE National, Inc. Depth of Book feed via TCP or Multicast-- \$500 per firm per calendar month.

Connectivity

Logical port fee of \$100 per session per calendar month.

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Explanatory Notes:

¹ The “taker” fee of \$0.0003 per share for any marketable order that removes liquidity will be charged to any ETP Holder that executes at least 50,000 shares of liquidity-adding volume during a calendar month. An ETP Holder that does not execute at least 50,000 shares of liquidity-adding volume during a calendar month will be charged \$0.0030 per share for any marketable order that removes liquidity.

² “**Trade value**” means a dollar amount equal to the price per share multiplied by the number of shares executed.

³ “**Quote spread**” means a dollar amount equal to the number of shares executed multiplied by the difference at the time of execution between (x) the price per share of the national best bid, and (y) the price per share of the national best offer, in each case as such quotes are disseminated pursuant to an effective National Market System plan and as the terms “national best bid” and “national best offer” are defined in Rule 600 of Regulation NMS.

⁴ **Market Data Revenue (“MDR”):**

a) Assuming the minimum ADV thresholds are achieved, an ETP Holder will receive an MDR credit (in such percent as is specified above) of the market data revenue attributable to such ETP Holder’s executions and displayed quotes in securities priced at \$1.00 or greater.

b) Adjustments. To the extent market data revenue from Tape “A”, “B” or “C” securities transactions is subject to any adjustment by the securities information processor, credits provided under this program may be adjusted accordingly. The Exchange will adjust credits to the ETP Holder only if the adjustment would be greater than or equal to \$250.

c) Quarterly Payments. MDR credits will be paid on a quarterly basis.

⁵ “**ADV**” or average daily volume is the average number of shares per day that an ETP Holder has executed on the Exchange in NMS securities priced at \$1.00 or greater, including nondisplayed liquidity, when the Exchange is open for trading during the

calendar month. The Exchange will not count a day as part of the month, for the purpose of calculating ADV, if the Exchange is not continuously open for trading during Regular Trading Hours as defined in Exchange Rule 1.5R.(1) on that day. If an ETP Holder is only eligible to trade on the Exchange for a portion of the month, the Exchange will calculate the ADV based on the number of days during the calendar month that the ETP Holder was eligible to trade.]

Co-Location Fees

Definitions

The following definitions are for purposes of Co-Location Fees only:

An “Affiliate” of a User is any other User or Hosted Customer that is under 50% or greater common ownership or control of the first User.

“Aggregate Cabinet Footprint” of a User or Hosted Customer is (a) for a User, the total kW of the User’s cabinets, including both partial and dedicated cabinets, and (b), for a Hosted Customer, the total kW of the portion of the Hosting User’s cabinet, whether partial or dedicated, allocated to such Hosted Customer.

A “Hosted Customer” means a customer of a Hosting User that is hosted in a Hosting User’s co-location space.

A “Hosting User” means a User of co-location services that hosts a Hosted Customer in the User’s co-location space.

A “User” means any market participant that requests to receive co-location services directly from the Exchange.

General Notes

1. A User that incurs co-location fees for a particular co-location service pursuant to this Price List shall not be subject to co-location fees for the same co-location service charged by the Exchange’s affiliates New York Stock Exchange LLC (NYSE), NYSE American LLC (NYSE American) and NYSE Arca, Inc. (NYSE Arca).

2. To qualify for a Partial Cabinet Solution bundle, a User must meet the following conditions: (1) it must purchase only one Partial Cabinet Solution bundle; (2) the User and its Affiliates must not currently have a Partial Cabinet Solution bundle; and (3) after the purchase of the Partial Cabinet Solution bundle, the User, together with its Affiliates, will have an Aggregate Cabinet Footprint of no more than 2 kW.

- A User requesting a Partial Cabinet Solution bundle will be required to certify to the Exchange (a) whether any other Users or Hosted Customers are Affiliates of the certifying User, and (b) that after the purchase of the Partial Cabinet

Solution bundle, the User, together with its Affiliates, would have an Aggregate Cabinet Footprint of no more than 2 kW. The certificating User will be required to inform the Exchange immediately of any event that causes another User or Hosted Customer to become an Affiliate. The Exchange shall review available information regarding the entities and may request additional information to verify the Affiliate status of a User or Hosted Customer. The Exchange shall approve a request for a Partial Cabinet Solution bundle unless it determines that the certification is not accurate.

- If a User that has purchased a Partial Cabinet Solution bundle becomes affiliated with one or more other Users or Hosted Customers and thereby no longer meets the conditions for access to the Partial Cabinet Solution bundle, or if the User otherwise ceases to meet the conditions for access to the Partial Cabinet Solution bundle, the Exchange will no longer offer it to such User and the User will be charged for each of the services individually, at the price for each such service set out in the Price List. Such price change would be effective as of the date that the User ceased to meet the conditions.

In addition, a User that changes its Partial Cabinet Solution bundle from one option to another will not be subject to a second initial charge, but will be required to pay the difference, if any, between the bundles' initial charges.

3. The initial and monthly charge for 2 bundles of 24 cross connects will be waived for a User that is waitlisted for a cage for the duration of the waitlist period, provided that the cross connects may only be used to connect the User's non-contiguous cabinets. The charge will no longer be waived once a User is removed from the waitlist.

- If a waitlist is created, a User seeking a new cage will be placed on the waitlist based on the date a signed order for the cage is received.
- A User that turns down a cage because it is not the correct size will remain on the waitlist. A User that requests to be removed or that turns down a cage that is the size that it requested will be removed from the waitlist.
- A User that is removed from the waitlist but subsequently requests a cage will be added back to the bottom of the waitlist, provided that, if the User was removed from the waitlist because it turned down a cage that is the size that it requested, it will not receive a second waiver of the charge.

4. When a User purchases access to the LCN or IP network, it receives the ability to access the trading and execution systems of the NYSE, NYSE American, NYSE Arca and NYSE National (Exchange Systems), subject, in each case, to authorization by the NYSE, NYSE American, NYSE Arca or NYSE National, as applicable. Such access includes access to the customer gateways that provide for order entry, order receipt (i.e. confirmation that an order has been received), receipt of drop copies and trade reporting (i.e. whether a trade is executed or cancelled), as well as for sending information to shared data services for clearing and settlement. A User can change the access it receives

at any time, subject to authorization by NYSE, NYSE American, NYSE Arca or NYSE National. NYSE, NYSE American, NYSE Arca and NYSE National also offer access to Exchange Systems to their members, such that a User does not have to purchase access to the LCN or IP network to obtain access to Exchange Systems.

When a User purchases access to the LCN or IP network it receives connectivity to any of the Included Data Products that it selects, subject to any technical provisioning requirements and authorization from the provider of the data feed. Market data fees for the Included Data Products are charged by the provider of the data feed. A User can change the Included Data Products to which it receives connectivity at any time, subject to authorization from the provider of the data feed. The Exchange is not the exclusive method to connect to the Included Data Products.

The Included Data Products are as follows:

<u>NMS feeds</u>
<u>NYSE:</u> <u>NYSE Alerts</u> <u>NYSE BBO</u> <u>NYSE Integrated Feed</u> <u>NYSE OpenBook</u> <u>NYSE Order Imbalances</u> <u>NYSE Trades</u>
<u>NYSE American Options</u>
<u>NYSE Arca:</u> <u>NYSE ArcaBook</u> <u>NYSE Arca BBO</u> <u>NYSE Arca Integrated Feed</u> <u>NYSE Arca Order Imbalances</u> <u>NYSE Arca Trades</u>
<u>NYSE Arca Options</u>
<u>NYSE Best Quote and Trades (BQT)</u>
<u>NYSE Bonds</u>
<u>NYSE American:</u> <u>NYSE American Alerts</u> <u>NYSE American BBO</u> <u>NYSE American Integrated Feed</u> <u>NYSE American OpenBook</u> <u>NYSE American Order Imbalances</u> <u>NYSE American Trades</u>
<u>NYSE National</u>

<u>Initial Fee per Cabinet</u>	
<u>Dedicated Cabinet</u>	<u>\$5,000</u>

<u>8-Rack Unit of a Partial Cabinet</u>	<u>\$2,500</u>
<u>Monthly Fee per Cabinet</u>	
<u>Dedicated Cabinet</u>	
<u>Number of kW</u>	<u>Per kW Fee Monthly</u>
<u>4 - 8</u>	<u>\$1,200</u>
<u>9 - 20</u>	<u>\$1,050</u>
<u>21 - 40</u>	<u>\$950</u>
<u>41 +</u>	<u>\$900</u>
<u>8-Rack Unit of a Partial Cabinet</u>	
<u>Number of kW</u>	<u>Total Fee Monthly</u>
<u>1</u>	<u>\$1,500</u>
<u>2</u>	<u>\$2,700</u>
<u>Cabinet Upgrade Fee</u>	
<u>Dedicated Cabinet</u>	<u>\$9,200 (\$4,600 for a User that submitted a written order for a Cabinet Upgrade by January 31, 2014, provided that the Cabinet Upgrade became fully operational by March 31, 2014)</u>
<u>PNU Cabinet</u>	
	<u>monthly charge of \$360 per kW allocated to PNU Cabinet</u>
<u>Cage Fees</u>	
<u>2 - 14 Cabinets</u>	<u>\$5,000 initial charge plus \$2,700 monthly charge</u>
<u>15 - 28 Cabinets</u>	<u>\$10,000 initial charge plus \$4,100 monthly charge</u>
<u>29+ Cabinets</u>	<u>\$15,000 initial charge plus \$5,500 monthly charge</u>

<u>Type of Service</u>	<u>Description</u>	<u>Amount of Charge</u>
<u>LCN Access</u>	<u>1 Gb Circuit</u>	<u>\$6,000 per connection initial charge plus \$5,000 monthly per connection</u>
<u>LCN Access</u>	<u>10 Gb Circuit</u>	<u>\$10,000 per connection initial charge plus \$14,000 monthly per connection. A User that purchases 5 10 GB LCN Circuits will receive the 6th 10 GB LCN Circuit without an additional monthly charge</u>
<u>LCN Access</u>	<u>10 Gb LX Circuit</u>	<u>\$15,000 per connection initial charge plus \$22,000 monthly per connection.</u>
<u>LCN Access</u>	<u>40 Gb Circuit</u>	<u>\$15,000 per connection initial charge plus \$22,000 monthly per connection.</u>
<u>Bundled Network Access (2 LCN connections, 2 IP network connections, and 2 optic connections to outside access center)</u>	<u>1 Gb Bundle</u>	<u>\$25,000 initial charge plus \$13,000 monthly charge</u>
	<u>10 Gb Bundle</u>	<u>\$50,000 initial charge plus \$53,000 monthly charge</u>
<u>Partial Cabinet Solution bundles</u> <u>Note: A User and its Affiliates are limited to one Partial Cabinet Solution bundle at a time. A User and its Affiliates must have an Aggregate Cabinet Footprint of 2 kW or less to qualify for a Partial Cabinet Solution bundle. See Note 2</u>	<u>Option A:</u> <u>1 kW partial cabinet, 1 LCN connection (1 Gb), 1 IP network connection (1 Gb), 2 fiber cross connections and either the Network Time Protocol Feed or Precision Timing Protocol</u>	<u>\$7,500 initial charge per bundle plus monthly charge per bundle as follows:</u> <ul style="list-style-type: none"> • <u>For Users that order on or before December 31, 2018: \$3,000 monthly for first 24 months of service, and \$6,000 monthly thereafter</u> • <u>For Users that order after December 31, 2018: \$6,000 monthly</u>

<u>Type of Service</u>	<u>Description</u>	<u>Amount of Charge</u>
under “General Notes.”	<u>Option B:</u> <u>2 kW partial cabinet, 1 LCN connection (1 Gb), 1 IP network connection (1 Gb), 2 fiber cross connections and either the Network Time Protocol Feed or Precision Timing Protocol</u>	<u>\$7,500 initial charge per bundle plus monthly charge per bundle as follows:</u> <ul style="list-style-type: none"> • <u>For Users that order on or before December 31, 2018: \$3,500 monthly for first 24 months of service, and \$7,000 monthly thereafter</u> • <u>For Users that order after December 31, 2018: \$7,000 monthly</u>
	<u>Option C:</u> <u>1 kW partial cabinet, 1 LCN connection (10 Gb), 1 IP network connection (10 Gb), 2 fiber cross connections and either the Network Time Protocol Feed or Precision Timing Protocol</u>	<u>\$10,000 initial charge per bundle plus monthly charge per bundle as follows:</u> <ul style="list-style-type: none"> • <u>For Users that order on or before December 31, 2018: \$7,000 monthly for first 24 months of service, and \$14,000 monthly thereafter</u> • <u>For Users that order after December 31, 2018: \$14,000 monthly</u>
	<u>Option D:</u> <u>2 kW partial cabinet, 1 LCN connection (10 Gb), 1 IP network connection (10 Gb), 2 fiber cross connections and either the Network Time Protocol Feed or Precision Timing Protocol</u>	<u>\$10,000 initial charge per bundle plus monthly charge per bundle as follows:</u> <ul style="list-style-type: none"> • <u>For Users that order on or before December 31, 2018: \$7,500 monthly for first 24 months of service, and \$15,000 monthly thereafter</u> • <u>For Users that order after December 31, 2018: \$15,000 monthly</u>
<u>IP Network Access</u>	<u>1 Gb Circuit</u>	<u>\$2,500 per connection initial charge plus \$2,500 monthly per connection</u>
<u>IP Network Access</u>	<u>10 Gb Circuit</u>	<u>\$10,000 per connection initial charge plus \$11,000 monthly per connection</u>

<u>Type of Service</u>	<u>Description</u>	<u>Amount of Charge</u>
<u>IP Network Access</u>	<u>40 Gb Circuit</u>	<u>\$10,000 per connection initial charge plus \$18,000 monthly per connection</u>
<u>Testing and certification IP Network Access</u>	<u>IP network circuit for testing and certification. Circuit can only be used for testing and certification and testing and certification period is limited to three months.</u>	<u>No charge.</u>
<u>Wireless Connection for Third Party Data</u>	<u>Wireless connection of Cboe Pitch BZX Gig shaped data and Cboe Pitch BYX Gig shaped data</u>	<u>\$5,000 per connection initial charge plus monthly charge per connection of \$6,000</u> <u>Fees are subject to a 30-day testing period, during which the monthly charge per connection is waived.</u>
<u>Wireless Connection for Third Party Data</u>	<u>Wireless connection of Cboe EDGX Gig shaped data and Cboe EDGA Gig shaped data</u>	<u>\$5,000 per connection initial charge plus monthly charge per connection of \$6,000</u> <u>Fees are subject to a 30-day testing period, during which the monthly charge per connection is waived.</u>
<u>Wireless Connection for Third Party Data</u>	<u>Wireless connection of NASDAQ Totalview-ITCH data</u>	<u>\$5,000 per connection initial charge plus monthly charge per connection of \$8,500</u> <u>Fees are subject to a 30-day testing period, during which the monthly charge per connection is waived.</u>

<u>Type of Service</u>	<u>Description</u>	<u>Amount of Charge</u>
<u>Wireless Connection for Third Party Data</u>	<u>Wireless connection of NASDAQ BX Totalview-ITCH data</u>	<u>\$5,000 per connection initial charge plus monthly charge per connection of \$6,000</u> <u>Fees are subject to a 30-day testing period, during which the monthly charge per connection is waived.</u>
<u>Wireless Connection for Third Party Data</u>	<u>Wireless connection of NASDAQ Totalview Ultra (FPGA)</u>	<u>\$5,000 per connection initial charge plus monthly charge per connection of \$11,000</u> <u>Fees are subject to a 30-day testing period, during which the monthly charge per connection is waived.</u>
<u>Wireless Connection for Third Party Data</u>	<u>Wireless connection of NASDAQ Totalview-ITCH and BX Totalview-ITCH data</u>	<u>\$5,000 per connection initial charge plus monthly charge per connection of \$12,000</u> <u>Fees are subject to a 30-day testing period, during which the monthly charge per connection is waived.</u>
<u>Wireless Connection for Third Party Data</u>	<u>Wireless connection of NASDAQ Totalview Ultra (FPGA) and BX Totalview-ITCH data</u>	<u>\$5,000 per connection initial charge plus monthly charge per connection of \$14,500</u> <u>Fees are subject to a 30-day testing period, during which the monthly charge per connection is waived.</u>
<u>Wireless Connection for Third Party Data</u>	<u>Wireless connection of Toronto Stock Exchange (TSX)</u>	<u>\$5,000 per connection initial charge plus monthly charge per connection of \$8,500</u> <u>Fees are subject to a 30-day testing period, during which the monthly charge per connection is waived.</u>

<u>Type of Service</u>	<u>Description</u>	<u>Amount of Charge</u>
<u>Wireless Connection for Third Party Data</u>	<u>Port for wireless connection</u>	<u>\$3,000 monthly charge per port, excluding first port</u>
<u>Virtual Control Circuit between two Users</u>	<u>1Mb</u>	<u>\$200 monthly charge</u>
	<u>3Mb</u>	<u>\$400 monthly charge</u>
	<u>5Mb</u>	<u>\$500 monthly charge</u>
	<u>10Mb</u>	<u>\$800 monthly charge</u>
	<u>25Mb</u>	<u>\$1,200 monthly charge</u>
	<u>50Mb</u>	<u>\$1,800 monthly charge</u>
	<u>100Mb</u>	<u>\$2,500 monthly charge</u>
<u>Hosting Fee</u>		<u>\$1,000 monthly charge per cabinet per Hosted Customer for each cabinet in which such Hosted Customer is hosted</u>
<u>Data Center Fiber Cross Connect</u>	<u>Furnish and install 1 cross connect</u>	<u>\$500 initial charge plus \$600 monthly charge</u>
	<u>Furnish and install bundle of 6 cross connects</u>	<u>\$500 initial charge plus \$1,800 monthly charge</u>
	<u>Furnish and install bundle of 12 cross connects</u>	<u>\$500 initial charge plus \$3,000 monthly charge</u>
	<u>Furnish and install bundle of 18 cross connects</u>	<u>\$500 initial charge plus \$3,840 monthly charge</u>
	<u>Furnish and install bundle of 24 cross connects</u>	<u>\$500 initial charge plus \$4,680 monthly charge</u>
		<u>See General Note 3.</u>
<u>Connection to Time Protocol Feed</u>	<u>Network Time Protocol Feed (Note: LCN only)</u>	<u>\$300 initial charge plus \$100 monthly charge</u>
	<u>Precision Time Protocol</u>	<u>\$1,000 initial charge plus \$250 monthly charge</u>
	<u>GPS Time Source (Note: dedicated cabinets only)</u>	<u>\$3,000 initial charge plus \$400 monthly charge</u>
<u>Expedite Fee</u>	<u>Expedited installation/completion of a User's co-location service</u>	<u>\$4,000 per request</u>

<u>Type of Service</u>	<u>Description</u>	<u>Amount of Charge</u>
<u>Change Fee***</u>	<u>Change to a co-location service that has already been installed/completed for a User</u>	<u>\$950 per request</u>
<u>Initial Install Services***</u> (Required per cabinet)	<u>Dedicated Cabinet: Includes initial racking of equipment in cabinet and provision of cables (4 hrs).</u>	<u>\$800 per dedicated cabinet</u>
	<u>Partial Cabinet: Includes initial racking of equipment in cabinet and provision of cables (2 hrs).</u>	<u>\$400 per eight-rack unit in a partial cabinet</u>
<u>Hot Hands Service***</u>	<u>Allows Users to use on-site data center personnel to maintain User equipment, support network troubleshooting, rack and stack, power recycling, and install and document cable.</u>	<u>\$100 per half hour</u>
<u>Shipping and Receiving***</u>	<u>Receipt of one shipment of goods at data center from User/supplier. Includes coordination of shipping and receiving.</u>	<u>\$100 per shipment</u>
<u>Badge Request***</u>	<u>Request for provision of a permanent data center site access badge for a User representative.</u>	<u>\$50 per badge</u>
<u>External Cabinet Cable Tray***</u>	<u>Engineer, furnish and install Rittal 5"H x 12"W cable tray on cabinet.</u>	<u>\$400 per tray</u>
<u>Custom External Cabinet Cable Tray***</u>	<u>Engineer, furnish and install 4" H x 24" W custom basket cable tray above client's cabinet rows.</u>	<u>\$100 per linear foot</u>

<u>Type of Service</u>	<u>Description</u>	<u>Amount of Charge</u>
<u>Visitor Security Escort***</u>	<u>All User representatives are required to be accompanied by a visitor security escort during visits to the data center, unless visiting the User’s cage. Requirement includes User representatives who have a permanent data center site access badge.</u>	<u>\$75 per visit</u>

*** These fees are waived for the move of a User’s equipment within the Data Center when incurred in connection with such a move required by the Exchange (“Migration Move”). A User selected by the Exchange for a Migration Move will receive written notice (the “Notice”). The Notice will identify the 90-day period during which a User must move its equipment, which period would commence at least 60 days from the date of the Notice. Monthly recurring fees for the User’s existing space based on the rate of the monthly recurring fees that the User was paying as of the date of the Notice are also waived for the month during which a User’s Migration Move takes place, so the User would not incur these fees for the period of overlapping use of equipment and services in the old and new locations. In addition, the monthly recurring charges are waived for the month following the completion of a User’s Migration Move, based on the rate of the monthly recurring fees that the User was paying as of the date of the Notice. No User will be required to move more than once within any 12-month period.

Co-Location: Connectivity to Third Party Systems, Data Feeds, Testing and Certification Feeds, and DTCC

Connectivity to Third Party Systems

Pricing for access to the execution systems of third party markets and other service providers (Third Party Systems) is for connectivity only. Connectivity to Third Party Systems is subject to any technical provisioning requirements and authorization from the provider of the data feed. Connectivity to Third Party Systems is over the IP network. Any applicable fees are charged independently by the relevant third party content service provider. The Exchange is not the exclusive method to connect to Third Party Systems.

<u>Bandwidth of connection to Third Party System</u>	<u>Monthly recurring fee per connection to Third Party System</u>
<u>1Mb</u>	<u>\$200</u>

<u>3Mb</u>	<u>\$400</u>
<u>5Mb</u>	<u>\$500</u>
<u>10Mb</u>	<u>\$800</u>
<u>25Mb</u>	<u>\$1,200</u>
<u>50Mb</u>	<u>\$1,800</u>
<u>100Mb</u>	<u>\$2,500</u>
<u>200 Mb</u>	<u>\$3,000</u>
<u>1 Gb</u>	<u>\$3,500</u>

<u>Third Party Systems</u>
<u>Americas Trading Group (ATG)</u>
<u>BATS</u>
<u>Boston Options Exchange (BOX)</u>
<u>Chicago Board Options Exchange (CBOE)</u>
<u>Chicago Mercantile Exchange (CME Group)</u>
<u>Chicago Stock Exchange (CHX)</u>
<u>Credit Suisse</u>
<u>Euronext Optiq Cash and Derivatives</u>
<u>Unicast (EUA)</u>
<u>Euronext Optiq Cash and Derivatives</u>
<u>Unicast (Production)</u>
<u>International Securities Exchange (ISE)</u>
<u>Investors Exchange (IEX)</u>
<u>Miami International Securities Exchange</u>
<u>MIAX PEARL</u>
<u>Nasdaq</u>
<u>NYFIX Marketplace</u>
<u>OneChicago</u>
<u>TMX Group</u>

Connectivity to Third Party Data Feeds

Pricing for data feeds from third party markets and other content service providers (Third Party Data Feeds) is for connectivity only. Connectivity to Third Party Data Feeds is subject to any technical provisioning requirements and authorization from the provider of the data feed. Connectivity to Third Party Data Fees is over the IP network, with the exception that Users can connect to Global OTC and ICE Data Global Index over the IP network or LCN. Market data fees are charged independently by the relevant third party market or content service provider. The Exchange is not the exclusive method to connect to Third Party Data Feeds.

Third Party Data Feed providers may charge redistribution fees. When the Exchange receives a redistribution fee, it passes through the charge to the User, without change to the fee. The fee is labeled as a pass-through of a redistribution fee on the User's invoice.

The Exchange does not charge third party markets or content providers for connectivity to their own feeds.

<u>Third Party Data Feed</u>	<u>Monthly Recurring Connectivity Fee per Third Party Data Feed</u>
<u>Boston Options Exchange (BOX)</u>	<u>\$1,000</u>
<u>Cboe BZX Exchange (CboeBZX) and Cboe BYX Exchange (CboeBYX)</u>	<u>\$2,000</u>
<u>Cboe EDGX Exchange (CboeEDGX) and Cboe EDGA Exchange (CboeEDGA)</u>	<u>\$2,000</u>
<u>Chicago Board Options Exchange (CBOE)</u>	<u>\$2,000</u>
<u>Chicago Stock Exchange (CHX)</u>	<u>\$400</u>
<u>CME Group</u>	<u>\$3,000</u>
<u>Euronext Optiq Compressed Cash</u>	<u>\$900</u>
<u>Euronext Optiq Compressed Derivatives</u>	<u>\$600</u>
<u>Euronext Optiq Shaped Cash</u>	<u>\$1,200</u>
<u>Euronext Optiq Shaped Derivatives</u>	<u>\$900</u>
<u>Financial Industry Regulatory Authority (FINRA)</u>	<u>\$500</u>
<u>Global OTC</u>	<u>\$100</u>
<u>ICE Data Global Index</u>	<u>\$100</u>
<u>ICE Data Services Consolidated Feed ≤ 100 Mb</u>	<u>\$200</u>
<u>ICE Data Services Consolidated Feed > 100 Mb to <1 Gb</u>	<u>\$500</u>
<u>ICE Data Services Consolidated Feed > 1 Gb</u>	<u>\$1,000</u>
<u>ICE Data Services Consolidated Feed Shared Farm ≤ 100Mb</u>	<u>\$200</u>
<u>ICE Data Services Consolidated Feed Shared Farm > 100 Mb to ≤ 1 Gb</u>	<u>\$500</u>
<u>ICE Data Services Consolidated Feed Shared Farm > 1 Gb</u>	<u>\$1,000</u>
<u>ICE Data Services PRD</u>	<u>\$200</u>
<u>ICE Data Services PRD CEP</u>	<u>\$400</u>
<u>Intercontinental Exchange (ICE)</u>	<u>\$1,500</u>
<u>International Securities Exchange (ISE)</u>	<u>\$1,000</u>
<u>Investors Exchange (IEX)</u>	<u>\$1,000</u>
<u>Miami International Securities Exchange/MIAX PEARL</u>	<u>\$2,000</u>
<u>Montréal Exchange (MX)</u>	<u>\$1,000</u>
<u>MSCI 5 Mb</u>	<u>\$500</u>
<u>MSCI 25 Mb</u>	<u>\$1,200</u>
<u>NASDAQ Stock Market</u>	<u>\$2,000</u>

<u>Third Party Data Feed</u>	<u>Monthly Recurring Connectivity Fee per Third Party Data Feed</u>
<u>NASDAQ OMX Global Index Data Service</u>	<u>\$100</u>
<u>NASDAQ OMDF</u>	<u>\$100</u>
<u>NASDAQ UQDF & UTDF</u>	<u>\$500</u>
<u>OneChicago</u>	<u>\$1,000</u>
<u>OTC Markets Group</u>	<u>\$1,000</u>
<u>SR Labs – SuperFeed <500 Mb</u>	<u>\$250</u>
<u>SR Labs – SuperFeed >500 Mb to <1.25 Gb</u>	<u>\$800</u>
<u>SR Labs – SuperFeed >1.25 Gb</u>	<u>\$1,000</u>
<u>TMX Group</u>	<u>\$2,500</u>

Connectivity to Third Party Testing and Certification Feeds

The Exchange provides connectivity to third party testing and certification feeds provided by third party markets and other content service providers. Pricing for third party testing and certification feeds is for connectivity only. Connectivity to third party testing and certification feeds is subject to any technical provisioning requirements and authorization from the provider of the data feed. Connectivity to third party testing and certification feeds is over the IP network. Any applicable fees are charged independently by the relevant third party market or content service provider. The Exchange is not the exclusive method to connect to third party testing and certification feeds.

<u>Connectivity to third party certification and testing feeds</u>	<u>\$100 monthly recurring fee per feed</u>
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Connectivity to DTCC

Pricing for connectivity to DTCC feeds is for connectivity only. Connectivity to DTCC feeds is subject to any technical provisioning requirements and authorization from DTCC. Connectivity to DTCC feeds is over the IP network. Any applicable fees are charged independently by DTCC. The Exchange is not the exclusive method to connect to DTCC feeds.

<u>5 Mb connection to DTCC</u>	<u>\$500 monthly recurring fee</u>
<u>50 Mb connection to DTCC</u>	<u>\$2,500 monthly recurring fee</u>