For assistance, please contact DataOps@nasdaq.com, +1 301 978 5307 Option #2 or +45 33 93 33 66. All applicable policy details and documents may be accessed here.

Nasdaq may require that your organization submit a separate Nasdaq System Application for each entitlement system that controls market data for US exchange, European and Canadian products.

Date of Application:			
Distributor Name:			
Section 1: System Info	rmation		
What is the name of the system you	ur organization will use to dis	stribute Nasdaq Information?	
Proprietary System:			
Non-Display System:		<u></u>	
Third Party Display System:		<u> </u>	
How does your organization intend	to use Nasdaq Information?		
Internally	Externally	Internally and Externally	

Section 2: Entitlement System

Provide a list of all Entitlement Systems and Software Providers with Nasdaq data both proprietary and/or third party.

Name of Entitlement System Provider	Name of Entitlement System
	Name:
How will users be entitled?	
Unique User ID & Password	
Interrogation Device (Non-Display)/IP Address	
Per Query (entitling Subscribers for an individual price	or quote) Complete Appendix F
Unique Visitors (entitling number of unique visitors acc	cessing a website)
Cable Television (cable and /or satellite television house	seholds accessing the broadcast)
Broadcast Households (broadcast television household	ds access the broadcast)

How often will data in the Entitlement system be disseminated?

Entitlement Tin	neframe		
Entitlement	Timeframe:		
Intraday	End-of-Day	Overnight	Other
Name of Display Software Provider		er	Name of Display Software/Product
			Name:
			Version Number:

Section 3: Comments

Section 4: Unit of Count [Unit of Count determines pricing]

Select **ONE** applicable unit of count for this System Application:

Distributor Controlled Products	Applicable Sections
Device/Access/Stand Alone/Internal: Any controlled display product where the Distributor controls both the entitlements and the display of the Information. Per Query Usage: Information on a single security delivered once to a	(complete Sections 1 through 8, and Appendix A) (Appendix F)
Non-Display: Any controlled product where the Distributor controls the entitlements and there is no display of the Information.	(complete Sections 1 through 8, and Appendix A)
Hosted Solution: A controlled product that contains Information offered by a Distributor on behalf of a Client Organization, where the Distributor provides Information to a Client Organization's External Subscribers by creating and administering a website or other system on behalf of the client, and Distributor substantially controls the system for the purpose of reporting usage or qualification, and the system is labeled, branded, or benefits the Client Organization.	(complete Sections 1 through 8, and Appendix B)
Enhanced Display Solution: A controlled display product containing Nasdaq Depth Information, where the Distributor controls the entitlements and display and allows the Subscriber to access an Application Programming Interface ("API") or similar solution from that display product for utilization by that individual Subscriber only.	(complete Sections 1 through 8, and Appendix C)
Datafeed - Managed	
Managed Data Solution: Any product containing Information whereby a Distributor controls the entitlements, but may not control the display of the Information. Managed Data Solution: Display Managed Data Solution: Non-Display	(complete Sections 1 through 8, and Appendix D)
Datafeed - Uncontrolled	
Datafeed Provider: Any uncontrolled retransmission of Information. Nasdaq considers the retransmission to be an uncontrolled datafeed if the Distributor does not control both the entitlements and the display of the Information and does not apply for a Managed Data Solution. Any organization receiving a Datafeed, (Recipients) from the Distributor is also recognized as Distributors at Nasdaq.	(complete Section 1 through 8, and Appendix E)

Section 5: Contact Information

Primary/ Business Contact	Technical Contact
First Name Last Name	First Name Last Name
Phone Number	Phone Number
E-mail Address	E-mail Address
Group E-mail Address [optional]	Group E-mail Address [optional]
	Same as Primary/Business Contact Address
Address:	Address:
Administrative /Reporting Contact	Billing Contact
Administrative /Reporting Contact	Billing Contact
Administrative / Reporting Contact First Name Last Name	First Name Last Name
First Name Last Name	First Name Last Name
First Name Last Name Phone Number	First Name Last Name Phone Number
First Name Last Name Phone Number E-mail Address	First Name Last Name Phone Number E-mail Address

Section 6a: Billing Information – All Distributors

Will your organization offer data services to affiliated companies?

No Yes, then complete below or <u>List of Affiliates Form</u> if additional space is required.

Affiliated Company Names	Registered Address	Distributor's Group Holding

Invoice Format	Datafeed Billing Address
email only email and paper	Street Address [P.O. Box Numbers Not Accepted]
paper only	Street Address 2 City, State, Province, Postal Code Country
	email only email and paper

Section 6b: Billing Information - Nordic & Baltic Data

Please check here if your organization does <u>NOT</u> receive Nasdaq Nordic data.

Please check here if this system qualifies for waiver of fees per the Nordic Member Rules.

VAT/Company Number:	[required for Nordic and/or Baltic only]
	Nordic Cash / Equity Markets
Members of Nasdaq	Nordic Derivatives Markets Derivatives Market Maker/ Liquidity Provider
Nordic and Baltic	Nordic Fixed Income Market
	Baltic Cash / Equity Markets
	Commodities Markets

Section 7: Usage Reporting Administration

Distributors are required to submit monthly market data usage reports indicating number and location of terminals or user IDs or other measure of usage as specified below. Indicate submission method. Submission is completed via the Data-Client Portal.

Monthly Summary Reporting	Required for ALL Internal and External Distributors
Monthly Detailed Reporting	Required for data feed Distributors, External Distributors and Extranet Providers

Section 8: Distribution Services - NON-DISPLAY

Non-Display Usage

No

Yes, organization will offer Non-Display services

Distribution Services - DISPLAY

How will your organization submit units of count and/or reportable units?

Submission of Info	rmation		ernal within stributor' s Group	Subs	ternal cribers Attach ishots]
Distribution Method	IP address	Real- time	Delayed	Real- time	Delayed
User Terminal - Trading					
User Terminal - Research					
Mobile Device					
Wallboard					
Television					
Website, Internet, Intranet					
Text Messaging					
Sponsored Access					
Direct Market Access/DMA					
Risk Management					
Back or Middle Office					
Clearing and Settlement					
Other [specify]					
a)					
b)					

Section 9: Other Distribution Services

. Will your organization offer Non-Display services?No Yes	Direct Access	Internal Distribution	External Distribution
a. Automated Trading			
b. Automated Trading with Manual Intervention			
c. Order Routing			
d. Program Trading and High Frequency Trading			
e. Order Verification			
f. Automated Surveillance Programs			
g. Risk management			
h. Clearing and settlement activities			
 i. Account Maintenance (e.g. controlling margin for a customer account) 			
j. Hot disaster recovery			
k. Trading Platform (operated by a registered Exchange, ATS, or ECN)			
l. Other Non-Display Use			
a) b)	_		
rived Data Usage			
. Will your organization offer Derived Data?	Co-	Internal	External
Yes No	Location	Distribution	Distribution
a.Creation Indices			
b.Single Security Symbol Data			
c.Multiple Security Symbol Data			

BY SUBMITTING, YOUR FIRM IS AGREEING TO THE SUBMISSION OF THE SYSTEM INFORMATION IN ACCORDANCE WITH THE NASDAQ AGREEMENTS SUCH AS THE NASDAQ GLOBAL DATA AGREEMENT, THAT THE INFORMATION IS CORRECT, AND THAT YOUR FIRM IS AUTHORIZING NASDAQ TO STORE THE INFORMATION IN ACCORDANCE WITH THE AFOREMENTIONED AGREEMENTS.

Section 10: Application Signature

I (we) certify that the information provided on this System Application and all appendices are accurate.

Signature:	
Print Name:	
Title:	
Date:	
Optional	
Optional Signature:	
Signature:	

Appendix A: Device/Access/Stand Alone/Non-Display

Describe how your organization intends to use the market data on a separate sheet. [System diagram required] Please provide the following information:

Internal Redistribution

Data will be distributed internally to employees and affiliated companies' employees only. Data will not be redistributed to organizations outside of the company and company affiliates.

a. Indicate total number of user ids/devices presently on the		_	/
network. [Include all devices that receive real-time data]	Total Devices	Mor	nth/ Year
External Redistribution			
external Redistribution			
Data will be distributed externally to non-employees and non-affiliated	d companies'	employees or	ıly. Data will
be redistributed to organizations outside of the company.			
			Г
a. Will data from a service be redistributed to additional servers, which in	turn, can	No	Yes
redistribute data to various users, servers and/or devices? If yes, please explain:			
ii yes, pieuse expluiii.			
b. Will your firm offer an API (Application Programming Interface) or DDE	(Dynamic		
Data Exchange) as part of your display service?	(Dynamic	No	Yes
If yes, please explain:			
c. Will your display service be compatible with third party software (i.e. O	rder	No	Yes
Management System, EMS, Charting Portfolio, etc.)?		INO	165
If yes, please explain:			
d. Indicate type of external Subscriber receiving data.	Exte	rnal Professio	nal
External Non-Professional			essional
e. Indicate total number of user ids/devices presently on the network.	Tatal Da		/ / // / / / / / / / / / / / / / / / /
[Include all devices that receive real-time data]	Total De	vices ivio	nth/ Year

Appendix B: Hosted Solution

Describe how your organization intends to use the market data on a separate sheet. [System diagram required]

Hosted Solution is a delivery option for a controlled data product that contains Nasdaq information offered by a Distributor on behalf of a client organization, where the Distributor can substantially control the information for the purpose of reporting usage or qualification. Controlled data products include systems where the Distributor monitors and controls the entitlement and access to the market data.

Yes, I understand this contractual requirement.

1.	Will your organized solution? Third Party N	Yes	rechnically display the data, and/or will a No	a third party Yes	provide thehoste No –	èd
net	twork.		ser ids/devices presently on the real-time data	To	tal Devices	/ Month/Year

b. Products that are part of the hosted solution US and Nordic:

US Hosted Solutions Products	Nordic Hosted Solutions Products
Service level	Service level
Global Index Data Service (GIDS)– Hosted Solution	Nordic Delayed Datafeed Recipient Hosted Solution
Mutual Fund Dissemination Service (MFDS) - Hosted Solution	Nordic Hosted Delayed Issuer Per Isin
	Nordic Hosted Real-time Issuer Per Isin
	Nordic Hosted Delayed Data Issuer Per Peer Group of ISIN
	Nordic Hosted Real-time Issuer Per Peer Group of ISIN
	Nordic Equity Last Sale Hosted Solution
	Nordic Equity Level 1 and Level 2 Private Hosted Solution
	Nordic Equity Level 1 and Level 2 Business Hosted Solution

A list of Client Organizations must be submitted with the application (Please use the <u>Detailed</u> <u>Reporting Template</u>) . Additional information can be found in the <u>Nasdaq Reporting Policy</u>.

Appendix C: Enhanced Display Solution

Describe how your organization intends to use the market data on a separate sheet. [System diagram required]

Your organization will offer Nasdaq Depth Information in its own messaging formats (rather than its raw Nasdaq message formats) by reformatting, redisplaying and/or altering the Nasdaq Depth Information prior to retransmission, but **not** to affect the integrity of the Nasdaq Depth Information and **not** to render it inaccurate, unfair, uninformative, fictitious, misleading or discriminatory.

Yes, I understand the Enhanced Display Solution option.

a. Indicate which Nasdaq Depth Information will be utilized on this system. Nasdaq TotalView /OpenView Nasdaq Level 2/ OpenView				
b. Explain how the Subscriber accesses the data, or causes your st	ystem to a	ccess the	e data?	
If yes, please explain:				
c. How will your system monitor Subscribers for any non-display	or excessiv	e use?		
If yes, please explain:				
d. Will your organization offer a service that includes an API [App Programming Interface] or similar solution for clients or Subs			No	Yes
If yes, please explain:				
e. Indicate type of Subscriber receiving data.		Prof	essional	Non-Professional
f. Indicate total number of user ids/devices presently on the				
network. [Include all devices that receive real-time data]		Total D	evices	Month/Year
g. If no user ids/devices are presently on the network, provide				
approximate start date of first Subscriber.		М	onth/ Year	

Appendix D: Datafeed - Managed Data Solution

Managed Data Solutions fee structure, Distributors may now provide datafeeds, Application Programming Interfaces (APIs) or similar automated delivery solutions to client organizations whereby the Distributor controls the entitlements, but may **not** control the display (if any) of the Information. The recipient of a Managed Data Solution may use the information **for internal purposes only** and may not distribute the information to other internal Subscribers within their firm or to any Subscribers outside of their organization.

Yes, I understand this contractual requirement.

a. Indicate which Nasdaq Depth and/or Nordic Information will be

received on this system.			
b. Indicate total number of user ids/devices and/or			
Sponsored Access firms presently on thenetwork.		/	
[Include all devices that receive real-time data]	Total Devices	Month/Ye	ear
[module an devices that receive real-time data]			
c. If no user ids/devices or Sponsored Access firms are	/		
presently on the network, provide approximate start date of	Month/ Year		
first Subscriber.			
d. Describe how your firm will normalize the datafeed.			
Please explain:			
Will your organization offer the following convices?			
Will your organization offer the following services?			
e. Will data from a service be redistributed to additional servers, whic	h in turn, can		
redistribute data to various users, servers and/or non-display dev		No	Yes
If yes, please explain:			
ii yes, piease explain.			
		Г	
f. Will your organization offer a service that includes an API [Applic			
Programming Interface] or DDE [Dynamic Data Exchange] as part	of your display	No	Yes
service?			
If yes, please explain:			
1			

Appendix E: Datafeed (Uncontrolled):

Retransmission Datafeed is defined as any uncontrolled retransmission of Nasdaq data where the Distributor does not control either the entitlements or the display of the market data.

1. Confirm your understanding that a datafeed may not be provided for real-time and delayed, snapshot and streaming data until your firm receives written permission (via fax, hard copy or e-mail) from Nasdaq for the approval of each datafeed. It is the datafeed provider's obligation to ensure the necessary application information is provided to its datafeed customers.

Yes, I understand this contractual requirement.

2. Which type of Nasdaq datafeeds will your organization provide?

Datafeed Service	Real Time Datafeed		Datafeed Service	Real Time Data Feed	
Nasdaq U.S. Equities	Yes	No	Nasdaq PSX	Yes	No
Nasdaq Nordic	Yes	No	Nasdaq Global Index Data	Yes	No
Nasdaq Baltic	Yes	No	Nasdaq Commodities	Yes	No
Nasdaq PHLX	Yes	No	Nasdaq Options Market (NOM)	Yes	No
Nasdaq BX	Yes	No			

3. Will your organization redistribute uncontrolled data within the Nasdaq Co-Location facility?

Yes No

Note: Nasdaq requires each datafeed Distributor to provide a list of all active datafeeds to Nasdaq on a monthly basis. Datafeed Distributors are permitted to provide a total inventory and update the base inventory with adds and deletes each month. Such reporting requires the following information:

- Datafeed Subscriber Name and BillingAddress.
- Customer Type [MDS, EDS, etc.]
- Datafeed Location or Installation Address.
- Level of Service Nasdaq Level 2, GIDS (External), BX TotalView, Nasdaq TotalView etc.
- Timing of Datafeed Real-time, Delayed or Real-Time Index
- Number of Datafeeds at each location
- Installation/Termination Date

A list of Client Organizations must be submitted with the application (Please use the <u>Detailed</u> Reporting Template). Additional information can be found in the <u>Nasdaq Reporting Policy</u>.

Appendix F: Per Query Usage

Distributors offering Per Query services must comply with the following requirements for providing queries. A QUERY is defined as Information on a single security delivered once to a single device/user id. It may be required that each Distributor provide a demonstration of the query counting system prior to implementation. NOTE: Distributors are not permitted to offer Nasdaq proprietary products such as Nasdaq Index, Nasdaq TotalView on a per query basis.

1. Distributors must count and report all real-time queries distributed during the below listed timeframes. Indicate the time period(s) your system distributes and your system counts queries.

Timeframe		Yes/No	
Pre-market session:	4:00 a.m. to 9:45 a.m., Eastern Time(ET)	Yes	No
Regular market session:	9:30 a.m. to 4:15 p.m., ET	Yes	No
Post-market session:	4:00 p.m. to 8:15 p.m., ET	Yes	No

2. Provide the values (code script) that your firm utilizes to differentiate between the 5 markets:

Security Type	Value Shown
Nasdaq Global Select Market SM	
Nasdaq Global Market SM	
Nasdaq Capital Market [®]	
OTC Bulletin Board	
Other OTC Securities	

3. Distributors must ensure the meter counts queries distributed on all screens including: portfolio screens; charts; pre-trade and post trade confirmations; and real-time queries provided to delayed subscribers at the time of the trade. Indicate pages your system offers real-time queries.

Page Display		Yes/No	
Single Security Information	Yes	No	
Portfolio	Yes	No	
Charts/Graphs	Yes	No	
Pre-trade confirmation	Yes	No	
Post trade confirmation	Yes	No	
Others:	Yes	No	