**HKEX Orion Market Data Platform**

**Securities Market, Derivatives Market, Index Datafeed and**

**China Connect (Securities) Products (“OMD”)**

**Connection Notification Form for OMD Datafeeds (Production Connection)**

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| --- |
| This form is designed to assist direct connection clients in making arrangement with SDNet/2 network carrier or HKEX Hosting Services Team (collectively called “Carrier”) for production OMD connection installation. Once you have decided your OMD Datafeeds and Connection subscription please notify us by filling in Section II and Section III and return it to us by email at your earliest. If you need any additional Retransmission Username in production, please also fill up the section IV. You should also liaise with your selected Carrier by referring to this form for the installation arrangement. Lastly, the configuration of your production OMD connection will be provided **2 weeks after you have successfully placed the order to the Carrier.** |

To: **Data Connectivity & Support, Market Data, Markets Division**

Email: [IVSupport@hkex.com.hk](mailto:IVSupport@hkex.com.hk)

**Section I: Client Information**

|  |  |
| --- | --- |
| Name of the Client: | |
| Contact Person (Technical related arrangements) : | |
| Contact Telephone No.: | Email Address: |

**Section II: OMD Datafeed Subscription Information**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Part A** | **OMD-C Subscription Information** | | | | | |
| Datafeed Product | | Product Selected[[1]](#footnote-1) | With Any Combination or All of the Following Complimentary Datafeed(s)1 | | Allocation of Bandwidth | |
| OMD-C Multicast | OMD-C Unicast[[2]](#footnote-2) |
| Securities Standard (SS) *[included Conflated Broker Queue (CBQ)]* | |  | a) Odd Lot Order (OLO) |  | 15 Mbps | 0.2 Mbps |
| Securities Premium (SP) -**without** CBQ[[3]](#footnote-3) | |  | 28 Mbps | 0.2 Mbps |
| Securities Premium (SP) + CBQ | |  | b) Index Feed (INDEX) |  | 35 Mbps | 0.2 Mbps |
| Securities FullTick (SF) -**without** CBQ3 | |  | 51 Mbps | 0.2 Mbps |
| Securities FullTick (SF) + CBQ | |  | c) Stock Connect Market Feed (SCM) |  | 58 Mbps | 0.2 Mbps |
|  | | **OMD-C Minimum Aggregated Total[[4]](#footnote-4)** | | | Mbps | |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Part B** | **OMD-B Subscription Information** | | | | |
| Datafeed Product | | Product Selected1 | With the Following Complimentary Datafeed(s)1 | Allocation of Bandwidth | |
| OMD-D Multicast | OMD-D Unicast[[5]](#footnote-5) |
| Derivatives Lite (D-Lite) – Price Depth Feed[[6]](#footnote-6) | | Non-SOM | Index Feed (INDEX) | 5.5 Mbps | 0.5 Mbps |
| SOM | 7.5 Mbps | 0.5 Mbps |
| Both | 13 Mbps | 0.5 Mbps |
| Derivatives Lite (D-Lite) – Price Depth Feed6 + Derivatives Trade (DT)[[7]](#footnote-7) | | Non-SOM | 7.5 Mbps | 0.5 Mbps |
| SOM | 9.5 Mbps | 0.5 Mbps |
| Both | 15 Mbps | 0.5 Mbps |
| Derivatives Lite (D-Lite) – Order Feed[[8]](#footnote-8) | |  | 3 Mbps | Not Applicable |
| Derivatives Standard (DS) | | Non-SOM | 13 Mbps | 1 Mbps |
| SOM | 13 Mbps | 1 Mbps |
| Both | 26 Mbps | 1 Mbps |
| Derivatives Standard (DS) + Derivatives Trade (DT)7 | | Non-SOM | 15 Mbps | 1 Mbps |
| SOM | 15 Mbps | 1 Mbps |
| Both | 28 Mbps | 1 Mbps |
| Derivatives Premium (DP) | | Non-SOM | 25 Mbps | 1 Mbps |
| SOM | 33 Mbps | 1 Mbps |
| Both | 58 Mbps | 1 Mbps |
| Derivatives FullTick (DF) | | Non-SOM | 24 Mbps | 1 Mbps |
| SOM | 34 Mbps | 1 Mbps |
| Both | 58 Mbps | 1 Mbps |
|  | | **OMD-D Minimum Aggregated Total4** | | Mbps | |

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| --- | --- | --- | --- | --- |
| **Part C:** | **OMD-CC Subscription Information**  ***For China Connect Exchange Participants (“CCEPs”) only*** | | | |
| Datafeed Product | | Product Selected1 | Allocation of Bandwidth | |
| OMD-CC Multicast | OMD-CC Unicast[[9]](#footnote-9) |
| Shanghai Stock Exchange (SSE) | |  | 0.9 Mbps | 0.1 Mbps |
| Shenzhen Stock Exchange (SZSE) | |  | 0.9 Mbps | 0.1 Mbps |
| **OMD-CC Minimum Aggregated Total** | | | Mbps | |

**Section III: Connection Information (**Please specify your circuit subscription details below)

|  |  |  |  |
| --- | --- | --- | --- |
| **Connection Information [Circuit ID][[10]](#footnote-10)** | **Bandwidth** | **HPO[[11]](#footnote-11)** | **Selected Carrier** |
| [     /     ] |  |  |  |
| **Other Systems in the same set of Connection** | | | |
| The above connection is/will also connect to the following system(s):  Issuer Information feed Service (i.e. IIS)  Securities Trading System (i.e. OCG)  Derivatives Trading System (i.e. HKATS CG; PTRM)  Derivatives Clearing and Settlement System (i.e. DCASS)  Stock Connect Trading System (i.e. CCCG)  Reminder: Clients who plan to use a same set of connection for connecting to Market Data system(s) and other system(s) (e.g. OMD-D & HKATS) should ensure the subscribed bandwidth is enough to support all connecting systems. **Insufficient bandwidth might lead connectivity and/or performance issue(s) between the connecting system(s) and Client’s end.** | | | |

**Section IV: Additional Retransmission Username (RTS ID) – *For client who applies for additional RTS ID for each datafeed only[[12]](#footnote-12)***

1 RTS ID with 2 IP addresses will be assigned to each subscribed Datafeed product. For additional RTS ID, please fill up the table below. Please note that client is liable for additional fee for Additional RTS ID setup in production. For details, please refer to the client notice issued on 28 May 2013: [[MDD/13/1087](http://www.hkex.com.hk/eng/prod/dataprod/Documents/13-05-28%20Fees%20and%20Poilices%20on%20Additonal%20RTS%20IDs%20IPs%20(final).pdf)] / [[Examples of RTS setup](http://www.hkex.com.hk/eng/prod/dataprod/Documents/Enclosure-Examples%20of%20OMD-C%20retransmission%20(RTS)%20setup.pdf)]

OMD-C

|  |  |
| --- | --- |
| **Number of RTS ID**  **(additional RTS ID only)** | **Number of RTS ID**  **(with 1 set of 2 IP addresses)[[13]](#footnote-13)** |
| for RTS ID 1 |  |

OMD-D

|  |  |
| --- | --- |
| **Number of RTS ID**  **(additional RTS ID only)** | **Number of RTS ID**  **(with 1 set of 2 IP addresses)13** |
| for RTS ID 1 |  |

**Section V:**

**OMD Feed Handler Software in this set of production connection**

(please check the appropriate box(es) below)

|  |  |  |
| --- | --- | --- |
| **OMD-C Feed Handler Software Declaration** | | |
| **Independent Software Vendor (ISV)’s**  **OMD-C feed handler[[14]](#footnote-14)**  Name of ISV: | **In-House developed**  **OMD-C feed handler**  We hereby declare that our OMD-C feed handler has previously passed the OMD-C Readiness Test or Offline Simulator Test. | **In-House developed**  **OMD-C feed handler**  **by Internal Test only**  **(For End-user clients only)**  We have previously returned the Declaration Form**13** to declare our OMD-C feed handler has completed internal verification only.  **No Production RTS ID will be assigned.** |
| **OMD-D Feed Handler Software Declaration** | | |
| **Independent Software Vendor (ISV)’s**  **OMD-D feed handler15**  Name of ISV: | **In-House developed**  **OMD-D feed handler**  We hereby declare that our OMD-D feed handler has previously passed the OMD-D Readiness Test or Offline Simulator Test. | **In-House developed**  **OMD-D feed handler**  **by Internal Test only**  **(For End-user clients only)**  We have previously returned the Declaration Form[[15]](#footnote-15) to declare our OMD-D feed handler has completed internal verification only.  **No Production RTS ID will be assigned.** |
| **OMD-CC Feed Handler Software Declaration**  **(For China Connect Exchange Participants (“CCEPs”) & Application Service Providers (“ASPs”) only)** | | |
| We hereby declare that our OMD-CC feed handler which has previously passed the OMD-CC Readiness Test or Offline Simulator Test will be used in the set of OMD-CC production connection | | |

**Section VI: Planned parallel run period (For relocation only)**

(Please specify the information required below, read the important note and check the box after you have read and understood your obligation)

|  |  |  |  |
| --- | --- | --- | --- |
| **Start Date** (Day / Month / Year) | | **End Date** (Day / Month / Year) | |
| /  / | | / / | |
| **Connections To be Terminated after Parallel Run Period** | | | |
| **Circuit ID** | **Bandwidth** | | **Selected Carrier** |
| [     /     ] |  | |  |

**Important Note:** Client is liable for the additional connection fee ([Fee Schedule](https://www.hkex.com.hk/eng/prod/dataprod/la/prices/Fee_Schedule.htm)) during the parallel run period.  In general, the additional connection fee is charged on a weekly basis for the first 3 months of the parallel run period.  Thereafter, the additional connection fee will be charged on a calendar month basis for the rest of the parallel run period.  In addition, please be reminded to liaise with your selected Carrier for the termination of your old connection circuit set at least 4 weeks in advance of the parallel run end date and inform us by email at least 2 weeks prior to the termination of connection set (while 90 days advance notice is required for the termination of Datafeed).  Or an additional monthly service charge from the Carrier as well as the relevant additional connection fee will be incurred and no refund would be made.  Please note that the termination date of SDNet/2 or HSN connection circuit set provided by the Carrier will be treated as the official parallel run end date.

|  |
| --- |
| I have read and understood the Important Note above. |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Please complete one form for each connection set, if applicable**  **By returning this form, I consent to the processing of my personal data in accordance with the Privacy Policy Statement on page 6.**  **Submitted for and on behalf of the Client:** | | | | |
| **Company** | **:** |  | | |
| **Name** | **:** |  | **Title:** |  |
| **Contact No.** | **:** |  | **Date:** |  |

**Privacy Policy Statement**

Hong Kong Exchanges and Clearing Limited, and from time to time, its subsidiaries (together the "**Group**") (and each being "**HKEX**", "**we**", "**us**" or "**member of the Group**" for the purposes of this Privacy Policy Statement as appropriate) recognise their responsibilities in relation to the collection, holding, processing, use and/or transfer of personal data under the Personal Data (Privacy) Ordinance (Cap. 486) ("**PDPO**"). Personal data will be collected only for lawful and relevant purposes and all practicable steps will be taken to ensure that personal data held by us is accurate. We will use your personal data which we may from time to time collect in accordance with this Privacy Policy Statement.   
  
We regularly review this Privacy Policy Statement and may from time to time revise it or add specific instructions, policies and terms. Where any changes to this Privacy Policy Statement are material, we will notify you using the contact details you have provided us with and, where required by the PDPO, give you the opportunity to opt out of these changes by means notified to you at that time. Otherwise, in relation to personal data supplied to us through the HKEX website or otherwise, continued use by you of the HKEX website or your continued relationship with us shall be deemed to be your acceptance of and consent to this Privacy Policy Statement, as amended from time to time.   
  
If you have any questions about this Privacy Policy Statement or how we use your personal data, please contact us through one of the communication channels set out in the "Contact Us" section below.   
  
We will take all practicable steps to ensure the security of the personal data and to avoid unauthorised or accidental access, erasure or other use. This includes physical, technical and procedural security methods, where appropriate, to ensure that the personal data may only be accessed by authorised personnel.   
  
Please note that if you do not provide us with your personal data (or relevant personal data relating to persons appointed by you to act on your behalf) we may not be able to provide the information, products or services you have asked for or process your requests, applications, subscriptions or registrations, and may not be able to perform or discharge the Regulatory Functions (defined below).

**Purpose**  
From time to time we may collect your personal data including but not limited to your name, mailing address, telephone number, email address, date of birth and login name for the following purposes:   
  
1. to process your applications, subscriptions and registration for our products and services;  
2. to perform or discharge the functions of HKEX and any company of which HKEX is the recognised exchange controller (as defined in the Securities and Futures Ordinance (Cap. 571)) ("Regulatory Functions");  
3. to provide you with our products and services and administer your account in relation to such products and services;  
4. to conduct research and statistical analysis;   
5. to process your application for employment or engagement within HKEX to assess your suitability as a candidate for such position and to conduct reference checks with your previous employers; and  
6. other purposes directly relating to any of the above.

**Direct marketing**  
Where you have given your consent and have not subsequently opted out, we may also use your name, mailing address, telephone number and email address to send promotional materials to you and conduct direct marketing activities in relation to HKEX financial services and information services, and financial services and information services offered by other members of the Group.   
  
If you do not wish to receive any promotional and direct marketing materials from us or do not wish to receive particular types of promotional and direct marketing materials or do not wish to receive such materials through any particular means of communication, please contact us through one of the communication channels set out in the "Contact Us" section below. To ensure that your request can be processed quickly please provide your full name, email address, log in name and details of the product and/or service you have subscribed.

**Identity Card Number**  
We may also collect your identity card number and process this as required under applicable law or regulation, as required by any regulator having authority over us and, subject to the PDPO, for the purpose of identifying you where it is reasonable for your identity card number to be used for this purpose.

**Transfers of personal data for direct marketing purposes**  
Except to the extent you have already opted out we may transfer your name, mailing address, telephone number and email address to other members of the Group for the purpose of enabling those members of the Group to send promotional materials to you and conduct direct marketing activities in relation to their financial services and information services.

**Other transfers of your personal data**  
For one or more of the purposes specified above, your personal data may be:   
  
1. transferred to other members of the Group and made available to appropriate persons in the Group, in Hong Kong or elsewhere and in this regard you consent to the transfer of your data outside of Hong Kong;   
2. supplied to any agent, contractor or third party who provides administrative, telecommunications, computer, payment, debt collection, data processing or other services to HKEX and/or any of other member of the Group in Hong Kong or elsewhere; and  
3. other parties as notified to you at the time of collection.

**How we use cookies**  
If you access our information or services through the HKEX website, you should be aware that cookies are used. Cookies are data files stored on your browser. The HKEX website

automatically installs and uses cookies on your browser when you access it. Two kinds of cookies are used on the HKEX website:   
  
***Session Cookies:*** temporary cookies that only remain in your browser until the time you leave the HKEX website, which are used to obtain and store configuration information and administer the HKEX website, including carrying information from one page to another as you browse the site so as to, for example, avoid you having to re-enter information on each page that you visit. Session cookies are also used to compile anonymous statistics about the use of the HKEX website.  
  
***Persistent Cookies:*** cookies that remain in your browser for a longer period of time for the purpose of compiling anonymous statistics about the use of the HKEX website or to track and record user preferences.   
  
The cookies used in connection with the HKEX website do not contain personal data. You may refuse to accept cookies on your browser by modifying the settings in your browser or internet security software. However, if you do so you may not be able to utilise or activate certain functions available on the HKEX website.

**Compliance with laws and regulations**  
HKEX and other members of the Group may be required to retain, process and/or disclose your personal data in order to comply with applicable laws and regulations or in order to comply with a court order, subpoena or other legal process (whether in Hong Kong or elsewhere), or to comply with a request by a government authority, law enforcement agency or similar body (whether situated in Hong Kong or elsewhere) or to perform or discharge the Regulatory Functions. HKEX and other members of the Group may need to disclose your personal data in order to enforce any agreement with you, protect our rights, property or safety, or the rights, property or safety of our employees, or to perform or discharge the Regulatory Functions.

**Corporate reorganisation**  
As we continue to develop our business, we may reorganise our group structure, undergo a change of control or business combination. In these circumstances it may be the case that your personal data is transferred to a third party who will continue to operate our business or a similar service under either this Privacy Policy Statement or a different privacy policy statement which will be notified to you. Such a third party may be located, and use of your personal data may be made, outside of Hong Kong in connection with such acquisition or reorganisation.

**Access and correction of personal data**  
Under the PDPO, you have the right to ascertain whether we hold your personal data, to obtain a copy of the data, and to correct any data that is inaccurate. You may also request us to inform you of the type of personal data held by us. All data access requests shall be made using the form prescribed by the Privacy Commissioner for Personal Data ("**Privacy Commissioner**") which may be found on the official website of the Office of the Privacy Commissioner or via this link   
<https://www.pcpd.org.hk/english/publications/files/Dforme.pdf>  
  
Requests for access and correction of personal data or for information regarding policies and practices and kinds of data held by us should be addressed in writing and sent by post to us (see the "Contact Us" section below).   
  
A reasonable fee may be charged to offset our administrative and actual costs incurred in complying with your data access requests.

**Termination or cancellation**  
Should your account or relationship with us be cancelled or terminated at any time, we shall cease processing your personal data as soon as reasonably practicable following such cancellation or termination, provided that we may keep copies of your data as is reasonably required for archival purposes, for use in relation to any actual or potential dispute, for the purpose of compliance with applicable laws and regulations and for the purpose of enforcing any agreement we have with you, for protecting our rights, property or safety, or the rights, property or safety of our employees, and for performing or discharging our functions, obligations and responsibilities.

**General**  
If there is any inconsistency or conflict between the English and Chinese versions of this Privacy Policy Statement, the English version shall prevail.

**Contact us**  
By Post:  
Personal Data Privacy Officer  
Hong Kong Exchanges and Clearing Limited  
8.F, Two Exchange Square  
8 Connaught Place  
Central  
Hong Kong  
  
By Email:  
[DataPrivacy@HKEX.COM.HK](mailto:DataPrivacy@HKEX.COM.HK)

1. Checked box(es) indicate Datafeed Products selected [↑](#footnote-ref-1)
2. No matter how many datafeed(s) is/ are subscribed, the minimum bandwidth for unicast is 0.2 Mbps [↑](#footnote-ref-2)
3. Only applicable to SP and SF subscriber [↑](#footnote-ref-3)
4. Minimum bandwidth required for the circuit set which supports all selected Datafeed Products [↑](#footnote-ref-4)
5. No matter how many datafeed(s) is/ are subscribed, the minimum bandwidth for unicast is 1 Mbps (0.5Mbps for D-Lite only) [↑](#footnote-ref-5)
6. Price Depth Feed (Non SOM or SOM) is essential for D-Lite subscriber (HKFE / SEHK Exchange Participant) [↑](#footnote-ref-6)
7. Only applicable to DS and D-Lite subscriber [↑](#footnote-ref-7)
8. Only applicable to D-Lite subscriber [↑](#footnote-ref-8)
9. If more than 1 datafeed are subscribed, the minimum bandwidth for unicast is 0.1 Mbps [↑](#footnote-ref-9)
10. For new circuit set, please leave the box in blank [↑](#footnote-ref-10)
11. High Performance Option (HPO) which applicable to SDNet/2 circuits only. Client who subscribes SP or SF or DP or DF is required to use HPO (e.g. If SS and DP are subscribed in the same set of connection, HPO is required) [↑](#footnote-ref-11)
12. Additional RTS ID is not applicable to OMD-CC [↑](#footnote-ref-12)
13. Maximum 6 RTS ID with 12 IP addresses in total for each connection set [↑](#footnote-ref-13)
14. For those Clients who are using Independent Software Vendors (ISV)’s OMD Feed Handler [[List of HKEX-ISV]](https://www.hkex.com.hk/eng/prod/dataprod/isv/Documents/Independent%20Software%20Vendor%20List.pdf) [↑](#footnote-ref-14)
15. Please refer to Declaration Form for Self-Developed Application on Readiness Test Arrangement in [our website](http://www.hkex.com.hk/Services/Rules-and-Forms-and-Fees/Forms/Securities-(Hong-Kong)/Market-Data?sc_lang=en) [↑](#footnote-ref-15)