**Service Application Form for Market Data Vendor Licence Agreement** (Form A3)

**This Form A3 must be completed and approved by HKEX Information Services Limited (HKEX-IS) prior to using and/or disseminating real-time/delayed HKEX-IS market data (for both internal use and external redistribution).**

**In addition, HKEX-IS may require:**

1. **Where applicable, detailed description of the service(s) demonstrating the use of HKEX-IS market data**
2. **Where applicable, screen dumps demonstrating the display of HKEX-IS market data**
3. **Where applicable, sample subscriber contracts corresponding to your dissemination of HKEX-IS market data to your subscribers**
4. **A network diagram overview**

**Please also note that this Form A3 will not be processed until all information requested is duly completed in your submission.**

(Please check all boxes that apply and provide further information when require.)

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|  | **Submission Date** |  |

**Section A: Applicant Information**

| **Name of the Applicant**  (English & Chinese) |  |
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**Section B: Service Description**

***Applicants should complete a separate Service Description under Section B for each service (each service might include multiple datafeeds). As approval is required for each service, please attach a separate Service Description if you are applying for more than one service.***

The following will be included under Schedule 4 Memorandum of Permitted Purpose under the Market Data Vendor Licence Agreement

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| **Name of Service with Type of Subscriber Device to access the Service (See Note 1)** | **Start Date of Service** | **Subsisting Contract Required** |
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**Securities Market Data:**  **Securities Standard**  **Securities Premium**  **Securities FullTick**

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| **Continuous Access** | **Per Quote Access** | **Per Unit Time** | **TV Service** | **Delayed Data** | **Basic Market Prices (BMP) Service** | **Non-Display Usage** | **Stock Connect Marketing Programme (Ref:MDD/15/417)** |
| L1 ($120 per Subscriber Unit per month)  L2 ($200 per Subscriber Unit per month)  L2+One ($240 per Subscriber Unit per month)  Full Book ($400 per Subscriber Unit per month)  Pager (L2) (with transmission speed below 6250 bps) ($120 per Subscriber Unit per month)  Pager (L2+One) (with transmission speed below 6250 bps) ($140 per Subscriber Unit per month) | L1 ($0.05 per quote)  L2 ($0.07 per quote)  L3 ($0.10 per quote)  L4 ($0.14 per quote)  With capping ($250 per Subscriber Unit per month for L1, L2 & L3; $450 per Subscriber Unit per month for L4) | Up to 10 price levels with broker queue ($0.10 per minute (Min/Max: $50 / $250 per month))  Above 10 price levels with broker queue ($0.14 per minute (Min/Max: $70 / $450 per month)) | See HKEX website for fee schedule | L1 plus last 4 transactions | For Licensee only ($80,000 per month)  For Licensee and its Related Companies ($160,000 per month)  **Third Party Client Website/Mobile Application:**  Third Party Website/Mobile Application ($68,000 per month per website/mobile application)  Listed Company Website ($5,000 per month per website) | Automated Trading Application ($20,000 per firm per month)  Derived Data (with Tradable Products) ($20,000 per firm per month)  Others ($400 per firm per month) | **Daily Charge Service:**  L2 ($3.5 per Subscriber Unit per day until 31 Dec 2016; $5 per Subscriber Unit per day from 1 Jan 2017 to 31 Dec 2017); Minimum subscription of 2,000 days per month per Third Party Service Client during the programme period.  **Fixed Monthly Fee Service:**  Up to 5 price levels of Stock Connect Eligible Stocks without broker queue information ($125,000 per month until 31 Dec 2016; $250,000 per month from 1 Jan 2017 to 31 Dec 2017) |

**Derivatives Market Data:**  **Derivatives Standard** Please indicate if the service includes:  HKFE data  Stock Options data

**Derivatives Premium** Please indicate if the service includes:  HKFE data  Stock Options data

**Derivatives FullTick** Please indicate if the service includes:  HKFE data  Stock Options data

**Derivatives Lite** Please indicate if the service includes:  HKFE data  Stock Options data

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| **Continuous Access** | **Per Quote Access** | **Per Unit Time** | **TV Service** | **Delayed Data** | **Basic Market Prices (BMP) Service** | **Non-Display Usage** |
| 5 best bid/ask price depth  L1 ($25 per Subscriber Unit per month)  L2 ($75 per Subscriber Unit per month)  L2+One ($90 per Subscriber Unit per month)  Full Book ($300 per Subscriber Unit per month)  Pager (L2) (with transmission speed below 6250 bps) ($5 per Subscriber Unit per month)  Pager (L2+One) (with transmission speed below 6250 bps) ($6 per Subscriber Unit per month) | L1 ($0.01 per quote)  L2 ($0.03 per quote)  L3 ($0.05 per quote)  With capping ($95 per Subscriber Unit per month for L1&L2; $380 per Subscriber Unit per month for L3) | Up to 10 price levels ($0.03 per minute (Min/Max: $15 / $95 per month))  Above 10 price levels ($0.05 per minute (Min/Max: $25 / $380 per month)) | See HKEX website for fee schedule | L1 plus last 4 transactions | For Licensee only ($27,000 per month)  For Licensee and its Related Companies ($54,000 per month)  **Third Party Client Website/Mobile Application**  Third Party Website/Mobile Application ($23,000 per month per website/mobile application) | Automated Trading Application ($10,000 per firm per month)  Derived Data (with Tradable Products) ($10,000 per firm per month)  Others ($150 per firm per month) |

**Issuer News: IIS**

**Index Data: Index Feed**

**Section C: Data Content**

Check here to acknowledge the data content you plan to include in each service is restricted to the permitted content (see Note 2).

**Section D: Dissemination of Market Data**

***Disclaimer***

Check here to acknowledge you have incorporated disclaimer notice into all subscriber contracts pursuant to clause 2.4 and 2.5 of the Market Data Vendor Licence Agreement.

***Third Party Website Service and Third Party Mobile Application Service (not applicable for BMP 3rd party website and BMP 3rd party mobile application service)***

Check here to indicate your understanding of and agreement to comply with the Guiding Note on Third Party Website Service and Third Party Mobile Application Service if you are applying for Third Party Website Service (<http://www.hkex.com.hk/eng/prod/dataprod/dataprod.htm>).

***Delayed Data Services***

Check here to acknowledge you have included proper delay notice on all your display services if you are applying for delayed data services. Phrases such as “Prices delayed by at least 15 minutes” must be conspicuously displayed on all screens displaying delayed data.

***Basic Market Prices (BMP) Service***

Check here to indicate your understanding of and agreement to comply with the Guiding Note on Basic Market Prices Service if you are applying for Basic Market Prices Service (<http://www.hkex.com.hk/eng/prod/dataprod/dataprod.htm>).

***Non-Display Usage***

Check here to indicate your understanding of and agreement to comply with the Guiding Note on Non-Display Usage if you are applying for Non-Display Usage (<http://www.hkex.com.hk/eng/prod/dataprod/dataprod.htm>).

Check here to indicate you and your subscribers have completed and submitted the Information Sheet for Non-Display Usage, where appropriate.

***HKEX Hosting Service***

Check here to indicate your understanding of and agreement to comply with the Guiding Note for the Use of HKEX Market Data at HKEX Hosting Data Centre if you are receiving HKEX real-time market data directly or indirectly via HKEX Service Network (HSN) within the HKEX Hosting Data Centre (HDC).

(<http://www.hkex.com.hk/eng/prod/dataprod/dataprod.htm>).

**Section E: Marketing Programme**

***Mainland Discount Programme for retail/corporate subscribers***

Check here if you apply for the Mainland Discount Programme and to confirm you have implemented both business (by obtaining and making available, if requested by HKEX-IS, documentary evidence such as passport, Mainland China ID etc. for retail subscribers and business registration certificates for corporate subscribers, in proving they are residing/located in Mainland China) and technical controls (by ensuring the IP address for each login is originated from Mainland China). Details please refer to (<http://www.hkex.com.hk/eng/prod/dataprod/dataprod.htm>).

***Mainland TV Programme***

Check here if you apply for the Mainland TV Programme. Details please refer to (<http://www.hkex.com.hk/eng/prod/dataprod/dataprod.htm>).

***Marketing Programme for Asia Commodities and Derivatives New Products***

Check here if you apply for the Marketing Programme for Asia Commodities and Derivatives New Products and to confirm you have implemented both business (by displaying market data as requested by HKEX-IS; by obtaining and making available, documentary evidence in proving the subscribers are residing/located in the approved Regions) and technical controls (by ensuring the IP address for each login is originated from the approved Regions). Details please refer to (<http://www.hkex.com.hk/eng/prod/dataprod/dataprod.htm>).

***Daily Charge Service Programme – applicable to Mainland China (excluding Hong Kong and Macau regions) retail subscribers only***

Check here if you apply for the Daily Charge Service Programme and to confirm that you have implemented both business (by obtaining and making available, if requested by HKEX-IS, documentary evidence such as passport, Mainland China ID etc., in proving that they are retail subscribers residing/located in Mainland China) and technical controls (by ensuring the IP address for each login is originated from Mainland China). Details please refer to (<http://www.hkex.com.hk/eng/prod/dataprod/dataprod.htm>).

***Fixed Monthly Fee Service Programme – applicable to Mainland China (excluding Hong Kong and Macau regions) retail subscribers only***

Check here if you apply for the Fixed Monthly Fee Service Programme and to confirm that you have implemented technical controls (by ensuring the IP address for each login is originated from Mainland China). Details please refer to (<http://www.hkex.com.hk/eng/prod/dataprod/dataprod.htm>).

***Marketing Programme for Mobile Application Service – applicable to Mainland China (excluding Hong Kong and Macau regions) subscribers only***

Check here to indicate your understanding of and agreement to comply with the Guiding Note on Mobile Application Service if you are applying the Marketing Programme for Mobile Application Service. Details please refer to (<http://www.hkex.com.hk/eng/prod/dataprod/dataprod.htm>).

Check here to indicate you have completed and submitted the Checklist for Mobile Application Service, where appropriate.

**Section F: Reporting and Payment Requirements for Real-time Data Services**

To ensure the number of subscribers with access to HKEX-IS real-time market data being reported each month is accurate, vendors must ensure that proper entitlement and reporting systems are in place.

Check here to indicate your understanding of and agreement to comply with the Guiding Note on Reporting and Payment Requirements for Real-time Data Services (<http://www.hkex.com.hk/eng/prod/dataprod/dataprod.htm>).

**Section G: Per Quote/Usage Based Services and Quote Meter Requirements for Real-time Data Services**

Vendors who want to redistribute real-time data on per quote/per unit time basis must have proper quote meter to correctly identify and count real-time quote requests. Details of the quote meter and relevant reporting requirements are listed under Guiding Note on Reporting and Payment Requirements for Real-time Data Services (<http://www.hkex.com.hk/eng/prod/dataprod/dataprod.htm>).

Check here to indicate your understanding of and agreement to comply with the Guiding Note on Reporting and Payment Requirements for Real-time Data Services.

**Section H: Service Facilitators**

Please provide the name and address of each service facilitator that you wish to identify. Describe the functions performed on your behalf by each service facilitator in the processing of market data. (A service facilitator is a person or organization that assists the vendor in processing market data but does not have to the right to disseminate the market data on its behalf. For details, please refer to the Guiding Note on Appointment of Service Facilitator <http://www.hkex.com.hk/eng/prod/dataprod/dataprod.htm>). Please also note that Service Facilitators may not be exempted from HKEX-IS monthly subscriber fees for the access of market data.

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| **Service Facilitators**  (include full name, address and company website address) | **Function** | **Effective Date** |
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**Section I: Related Company for Schedule 2 of the Market Data Vendor Licence Agreement**

Please provide the name and address of each Related Company, which is to be covered by the Market Data Vendor Licence Agreement. You will be responsible for reporting and payment for any Related Companies. If this does not apply to you, please check ‘NONE’.

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| **Related Companies**  (include full name and address) | **Effective Date** |
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**Note 1: Types of Subscriber Device**

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| Terminal with leased line connection | Pager | TV Broadcast (non-interactive) |
| Terminal with internet connection | Interactive Voice Response Service (IVRS) | Datafeed with entitlement control |
| Mobile devices (WAP Service) | Wallboard/Public Display Board | Others (please provide details) |
| Mobile devices (Mobile Application Service) | Third Party Website Service (please also provide the URL) |  |
| Internet Service (please also provide the URL) | Third Party Mobile Application Service |  |

**Note 2: Permitted Content**

| **Securities Market Data** | **Data Content** | **Derivatives Market Data** | **Data Content** |
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| Continuous Access Level 1 (L1) | Bid/ask price and volume, high/low, last traded price, nominal, cumulative turnover/volume, opening/closing, IEV & IEP from auction trading session | Continuous Access Level 1 (L1) | Bid/ask price and volume, high/low, traded price, calculated opening price (COP) if any, trade volume, cumulative volume |
| Continuous Access Level 2 (L2) | L1 above plus 10 level order depth (aggregated no. and volume (shares) of orders in the best 10 bid/ask queues); broker queue, last 4 transactions, freetext | Continuous Access Level 2 (L2) | L1 above plus 10 level order depth (aggregated no. and volume (shares) of orders in the best 10 bid/ask queues), last 4 transactions, freetext |
| Continuous Access Level 2+One (L2+One) | L2 above plus aggregated no. and volume (shares) of all orders beyond10 level order depth | Continuous Access Level 2+One (L2+One) | L2 above plus aggregated no. and volume (shares) of all orders beyond10 level order depth |
| Continuous Access Full Book (Full Book) | L2 above plus all order information | Continuous Access Full Book (Full Book) | L2 above plus all order information |
| Pager (L2) (with transmission speed below 6250 bps) | Same as Continuous Access Level 2 (L2) | Pager (L2) (with transmission speed below 6250 bps) | Same as Continuous Access Level 2 (L2) |
| Pager (L2+One) (with transmission speed below 6250 bps) | Same as Continuous Access Level 2+One (L2+One) | Pager (L2+One) (with transmission speed below 6250 bps) | Same as Continuous Access Level 2+One (L2+One) |
| Per Quote Access Level 1 | Bid/ask price and volume, high/low, last traded price, nominal, cumulative turnover/volume, opening/closing, IEV & IEP from auction trading session | Per Quote Access Level 1 | Bid/ask price and volume, high/low, traded price, calculated opening price (COP) if any, trade volume, cumulative volume |
| Per Quote Access Level 2 | L1 plus 10 level order depth (aggregated no. and volume (shares) of orders in the best 10 bid/ask queues) | Per Quote Access Level 2 | L1 plus 10 level order depth (aggregated no. and volume (shares) of orders in the best 10 bid/ask queues) |
| Per Quote Access Level 3 | L2 plus broker queues, last 4 transactions and freetext | Per Quote Access Level 3 | L2 above plus aggregated no. and volume (shares) of all orders beyond10 level order depth |
| Per Quote Access Level 4 | L3 above plus aggregated no. and volume (shares) of all orders beyond10 level order depth |  |  |
| Per Unit Time (Up to 10 price levels with broker queue) | Same as Per Quote Access Level 3 | Per Unit Time (Up to 10 price levels) | Same as Per Quote Access Level 2 |
| Per Unit Time (Above 10 price levels with broker queue) | Same as Per Quote Access Level 4 | Per Unit Time (Above 10 price levels) | Same as Per Quote Access Level 3 |
| TV Service | Same as Continuous Access Level 1 (L1) subject to following limitations:   * Information transmitted shall not exceed 150 securities at any one time * The information shall be made available by a “play-list” of screens which shall have a scrolling time (from start to finish of each cycle) of not less than 90 seconds   Information shall be made available to Subscribers on a pre-programmed transmission-only basis, and shall not be used in relation to the provision of any interactive services | TV Service | Same as Continuous Access Without Price Depth (L1) subject to following limitation:   * Information shall be made available to Subscribers on a pre-programmed transmission-only basis, and shall not be used in relation to the provision of any interactive services |
| Delayed Data | Bid/ask price and volume, high/low, last traded price, nominal, cumulative turnover/volume, opening/closing, IEV & IEP from auction trading session, last 4 transactions | Delayed Data | Bid/ask, high/low, last traded price, nominal, cumulative turnover/volume, opening/closing, IEV & IEP from auction trading session, last 4 transactions |
| Basic Market Prices (BMP) | Nominal/last traded price, closing price, high/low prices, trading volume, turnover value, IEV & IEP from auction trading session. | Basic Market Prices (BMP) | Last trade price, closing price, high/low price, trading volume & turnover of individual futures and options contract series |
| Non-Display Usage | For all Data Content.  Non-display usage is defined as follows:   1. Automated Trading Application - Any application that accesses HKEX real-time market data for automatic calculation, processing and analysis, and that process will determine the quantity, price and timing of order execution. 2. Derived Data (with Tradable Products) - Any work created using HKEX real-time market data to partly or wholly derive (i) the price of a tradable product, or (ii) the value of an underlying instrument of a tradable product. 3. Others - Any other non-display data usage that does not fall under Category (i) & (ii). | Non-Display Usage | For all Data Content.  Non-display usage is defined as follows:   1. Automated Trading Application - Any application that accesses HKEX real-time market data for automatic calculation, processing and analysis, and that process will determine the quantity, price and timing of order execution. 2. Derived Data (with Tradable Products) - Any work created using HKEX real-time market data to partly or wholly derive (i) the price of a tradable product, or (ii) the value of an underlying instrument of a tradable product. 3. Others - Any other non-display data usage that does not fall under Category (i) & (ii). |
| Fixed Monthly Fee Service | L1 above plus 5 level order depth (aggregated no. and volume (shares) of orders in the best 5 bid/ask queues); last 4 transactions, freetext of the Stock Connect Eligible Stocks for Southbound Trading.  Stock Connect Eligible Stocks for Southbound Trading refers to the “List of SEHK Securities” and “List of Special SEHK Securities” as published on HKEX website updated from time to time. (<http://www.hkex.com.hk/eng/market/sec_tradinfra/chinaconnect/Eligiblestock.htm>). |  |  |

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| Official Approval |  |  |  |
| **Checked by** (DLM)**:** | **Checked by** (DCA)**:** | **Recommended by :**  Date : | **Approved by :**  Date : |