**Service Application Form for Market Data End User Licence** (Form E3)

**This Form E3 must be completed and approved by HKEX Information Services Limited (HKEX-IS) prior to using HKEX-IS market data.**

**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. **A network diagram overview**

**Please also note that this Form E3 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. As approval is required for each service, please attach a separate Service Description if you are applying for more than one service.***

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| **Name of Service with Type of Individual User Device to access the Service (See Note 1)** | **Start Date of Service** |
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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** | **Non-Display Usage** |
| [ ]  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) | [ ]  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)) | [ ]  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) |

[ ] **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

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| **Continuous Access** | **Per Quote Access** | **Per Unit Time** | **Non-Display Usage** |
| [ ]  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) | [ ]  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)) | [ ]  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) |

[ ]  **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: Use of Market Data**

***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 have completed and submitted the Information Sheet for Non-Display Usage, where appropriate.

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

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

[ ]  Check here to indicate you understand and agree 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 F: Per Quote/Usage Based Services and Quote Meter Requirements for Real-time Data Services**

End-User Licensees who want to access 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 you understand and agree to comply with the Guiding Note on Reporting and Payment Requirements for Real-time Data Services.

**Section G: Related Company for Schedule 2 of the Market Data End User Licence Agreement**

Please provide the name and address of each Related Company if it is to be covered by clause 5.5.1 of the Market Data End-User Licence Agreement. You will be responsible for reporting and payment for any Related Companies. If this does not apply to you, please put ‘NONE’.

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| **Related Companies**(include full name and address) | **Effective Date** |
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**Section H: Corporate Entities under Market Making Arrangement**

If the End-User Licensee is a SEHK Exchange Participant and a Market Makers of Market Making Security or a HKFE Exchange Participant and a Market Makers of HKFE/Stock Options Products, it may sub-licence the right to access and use the Information under clause 5.5.2 of the Market Data End-User Licence Agreement to its corporate entities that are approved by the Exchange under the market making arrangement.

Please provide the name and address of each entity under the market making arrangement if it is to be covered by clause 5.5.2 of the Market Data End-User Licence Agreement. You will be responsible for reporting and payment for any corporate entities. If this does not apply to you, please put ‘NONE’.

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| **Corporate Entities**(include full name and address) | **Function**(e.g. Marking making of HKFE/Stock Options products) | **Effective Date** |
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**Section I: 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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**Note 1: Types of Individual User Device**

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| Terminal with leased line connection | Internet Service (please also provide the URL) |
| Terminal with internet connection | Datafeed with entitlement control |
| Mobile devices (including phone, PDA etc.) | Others (please provide details) |

**Note 2: Permitted Content**

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| **Securities Market Data** | **Data Content** | **Derivatives Market Data** | **Data Content** |
| 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 |
| 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 |
| **Securities Market Data** | **Data Content** | **Derivatives Market Data** | **Data Content** |
| 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 |
| 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).
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**For HKEX-IS use only:**

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| MOPP Issue Date | Launch Date in the MOPP |
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| Official Approval |  |  |  |
| **Checked by** (DLM)**:** | **Checked by** (DCA)**:** | **Recommended by :**Date : | **Approved by :**Date : |