

Guiding Notes on Basic Market Prices Service Securities and Derivatives Market Data (for real-time data vendors)

PURPOSE

This document aims to provide guidance to HKEX-IS licensed real-time information vendors (“IVs”) who offer Basic Market Prices (BMP) Service (including BMP Service and/or BMP Third Party Service) under the Market Data Vendor Licence. It supersedes any previous information package/guideline/guiding notes on BMP Service.

DETAILS

Application

1. IVs who wish to provide BMP Service are required to submit the Service Application Form (“Form A3”) and BMP Service Checklist to HKEX-IS for consideration and approval. Upon approval, the BMP Service will be added to Schedule 4 - Memorandum of Permitted Purpose. Accordingly, a Basic Market Prices Service Annex will also be issued and appended to the Market Data Vendor Licence Agreement.
2. IVs are also required to submit screenshots to HKEX-IS on any changes of data display and/or layout of approved BMP Service for prior approval.

BMP Service and BMP Third Party Service

3. BMP Service: IVs providing BMP Service on its own service platforms.
4. BMP Third Party Service: IVs providing BMP Service to third party clients either on their own service platforms or their clients’ service platforms. BMP Third Party Service is specially designed for clients such as exchange participants, financial institutions, listed companies and issuers of structured products who are interested in the service but not required to be IVs themselves.

IVs may provide the BMP Third Party Service according to the Scope of Service specified in this document and the Guiding Note on Third Party Service except certain BMP Third Party Service client group is entitled to below specific features:

4.1 Structural Products Issuers subscribing to BMP Third Party Service

IVs may provide BMP Third Party Service to Structural Products Issuer which is entitled to simultaneous listing BMP of all the issuer’s own-issued structural products which listed/traded on SEHK, in addition to the scope of BMP Third Party Service.

4.2 Listed Company Service

IVs may provide BMP Third Party Service to Listed Company for investor relation purpose. Listed Company Service is for providing BMP of the listed company’s shares, bonds and BMP of the equity warrants and instruments issued by the listed company on its shares and bonds.

5. Service platforms such as websites, internet PC/terminals, mobile applications, mobile web, interactive TVs and pagers are allowed.

Subscriber Fees

6. BMP Subscriber Fee is not charged or calculated based on the number of Subscriber Units. IVs pay a flat-rated Subscriber Fee for subscription of the BMP Service regardless of the number of Subscriber Units through the service platforms approved by HKEX-IS.
7. Separate fees apply to BMP Service and BMP Third Party Service.
8. BMP Service:

Basic Market Prices Service	Securities Market Data	Derivatives Market Data
For IV only	HK\$80,000 per month	HK\$27,000 per month
For IV and its related companies	HK\$160,000 per month	HK\$54,000 per month

9. BMP Third Party Service:

BMP Third Party Service	Securities Market Data	Derivatives Market Data
BMP Third Party Service	HK\$68,000 per month	HK\$23,000 per month
Listed Company Service	HK\$5,000 per month	N/A

9.1 The BMP Third Party Subscriber Fee is charged per each BMP Third Party Company that an IV has, meaning that the IV may provide BMP Third Party Service of the same market to the same Company on different service platforms without additional charges.

9.2 Volume discount on Subscriber Fees is available to IVs providing BMP Third Party Service (NOT applicable to BMP Listed Company Service)¹ :

	Number of BMP Third Party Companies	Discount Levels	Discounted Subscriber Fee per BMP Third Party Company
Securities Market Data	>= 5 Companies	20%	HK\$54,400 per month
	>= 10 Companies	40%	HK\$40,800 per month
Derivatives Market Data	>= 5 Companies	20%	HK\$18,400 per month
	>= 10 Companies	40%	HK\$13,800 per month

9.3 Discounts must be claimed no later than the time due for submitting the relevant Subscriber Report.

Data Content

10. The data content allowed for different markets is as follows:
 - ◆ Securities Market: nominal/last traded price, closing price, today's high/low prices, trading volume, turnover value, Indicative Equilibrium Price ("IEP") and Indicative Equilibrium Volume ("IEV") during the pre-opening session of individual securities on the Stock Exchange.
 - ◆ Derivatives Market: last trade price, closing price, high/low price, trading volume & turnover of individual futures and options contract series on the Futures Exchange as well as individual stock options contract series on the Stock Exchange.

¹ Volume discount to be expired by end of December 2020

11. IVs are also permitted to provide real-time Odd Lot Information on the BMP Service based on the following guidelines:
- 11.1 Data content of Odd Lot Information includes (1) Odd lot traded price and volume and (2) bid/ask price, volume and broker ID of odd lot orders and special lot orders. The Odd Lot Information shall be provided as per paragraph 12 below unless specified in this paragraph 11.
 - 11.2 The Odd Lot Information shall be provided on snapshot basis and the updated information will only be provided upon user request.
 - 11.3 In order not to confuse investors with board lot market data, the Odd Lot Information of individual securities shall be provided and displayed in a separate page from BMP data content of individual securities as defined in paragraph 10 above. IVs are advised to provide an "Odd Lot Information" button or hyperlink on the BMP page. By clicking this button or hyperlink, investors will be directed to the pop-up page or separate page of the Odd Lot Information of the corresponding securities.

Scope of Service

12. IVs are required to comply with the following guidelines when offering BMP Service:
- 12.1 Only the data content of BMP will be provided on real-time basis. Real-time indication for BMP data content is to be clearly displayed.
 - 12.2 Any update of the data content of the BMP Service will only be provided on snapshot basis, meaning the user could only get the Basic Information of a selected instrument per request. Automatic update is not allowed. For the avoidance of doubt, any derived data which can easily be reverse-engineered by the viewer or the end-user to the original real-time price (or BMP) will be regarded as display of real-time price or BMP. Such display will be subject to the restriction under this paragraph 12.2.
 - 12.3 No user registration is required for accessing the real-time BMP.
 - 12.4 The BMP Service shall be provided as per paragraph 12.2 above. However, comparisons such as rankings and charts are allowed with more than one instrument, provided that at maximum only 20 instruments of the same market can be displayed in real-time irrespective of the number of subpages, screens, page scrolls etc.:
 - Top 20 ranking lists such as % gainers, % losers, trading volume or turnover value
 - Charting comparison
 - Portfolio valuation
 - Most recently visited list
 - 12.5 The BMP Service is aimed for investor reference. IV is required to post an appropriate advisory message to the investors that the BMP only provides basic market information for reference purposes and the investors should consider if they would need more detailed market information for reference or to facilitate their investment decision.
 - 12.6 For BMP Service provided on websites, any search or inquiry box or command leading to the request for real-time BMP shall be placed within the IV's own website. In the same principle, the IV shall ensure that BMP result page can only be generated by user activation of the search or inquiry box.
 - 12.7 Hyperlink of other websites to the IV's own website with the BMP Service is allowed. However, IV shall ensure having proper hyperlink policy in place so that the IV has the right

to stop a particular website hyperlink to their own website with the BMP Service in case the hyperlink is found in contravention of the terms of the BMP Service:

- 12.7.1 Other websites could only hyperlink to the Home Page of IV's BMP Service and are not allowed to directly hyperlink to a web page of the IV with real-time BMP; and
 - 12.7.2 The command on making the request for real-time BMP of an individual instrument, such as entering the stock code, should be within the IV's website.
- 12.8 A standard disclaimer to indemnify HKEX-IS and HKEX group is to be placed for the BMP Service.

Reporting

- 13. IVs are required to provide a Report of the BMP Service to HKEX-IS on a needed basis. Such non-payment statistics, including but not limited to page views, average number of unique visitors per trading day and number of quotes requested for each instrument are collected for HKEX-IS reference only and HKEX-IS understands that IVs share such non-payment statistics on best endeavors basis.
- 14. IVs are required to provide a monthly Subscriber Report within 15 or 30 days (applicable for subscribers outside Hong Kong) from each month end for the subscription of own BMP and/or BMP Third Party Service in order to report the names of the Companies subscribing to BMP Service (applicable to BMP Third Party Service) to HKEX-IS.
- 15. IVs are required to submit a BMP Service Checklist prior to the commencement of new BMP Service to confirm their compliance with the requirement as stipulated in this Guiding Note.

Should there be any questions, please contact MarketData@hkex.com.hk.

Appendix: Frequently Asked Questions

Q1. How much recurring fees an IV needs to pay if the IV only provides the BMP Service for Securities Market Data on its own website(s) or service platform(s)?

IV who only provides Securities Market BMP Service on its own website or service platform is required to pay the following licence fees to HKEX-IS:

<u>Fees item</u>	<u>Amount (HK\$)</u>
Redistribution Fee (for OMD SS)	HK\$51,000 per quarter x 4
Subscriber Fee – BMP Service	+ HK\$80,000 per month x 12
Total Fee for indirect connection	= HK\$1,164,000 per annum
Connection Fee	+ HK\$45,000 per quarter x 4
Total Fee for direct connection	= HK\$1,344,000 per annum

Note 1: Indirect connection means that the IV will receive market data indirectly via other HKEX-IS licensed direct connection IVs.

Note 2: Direct connection means that IV will receive market data directly from HKEX-IS. IV will need to setup and maintain their own interface programme according to HKEX-IS transmission specification.

Q2. Our company is not HKEX-IS licensed IVs. What application forms should we need to fill in for applying for a vendor licence for provision of BMP Service?

Your company will need to complete and file the Form A1, Form A2 and Form A3 for HKEX-IS processing and consideration. Normally, it will take 1 month to complete the approval process if the applicant provides sufficient information for HKEX-IS processing and subject to the technical readiness of the applicant.

Q3. Our company is already the HKEX-IS licensed IVs. What application forms should we need to submit for applying for subscription of BMP Service?

Your company will need to complete and file the Form A3 for HKEX-IS processing and consideration. Normally, it will take 1 month to complete the approval process if the applicant provides sufficient information for HKEX-IS processing. However, if your company does not have the relevant Datafeed for the provision of BMP Service, you will need to complete Form A2. Normally, it will take 1 month to complete the approval process subject to the technical readiness of the applicant.

Q4. Will the BMP be able to support price alert service?

The BMP Service is designed to support dissemination of basic market prices on interactive service platforms. Each real-time price update of a selected instrument must be provided per user request. Price alert service is a push service triggered by pre-set criteria. It is hence not regarded as an interactive service and is not eligible to be provided under BMP Service.

Q5. Is there any limit on the number of service platforms for the IV who pays the monthly flat fee for the BMP Service?

IV is charged on a monthly flat fees basis for the provision of the BMP Service on its own service platforms, but not that of third parties or their related companies. There is no limit set for the number of service platforms as long as the platform is owned by the IV. IV may need to provide document proof on the ownership of the service platform with BMP where necessary.

Should the IV wish to extend the BMP Service to their related companies, they need to pay additional fees according to paragraph 8 of this document and the relevant Licence Fees available on website (www.hkex.com.hk/DataLicensing). For provision of BMP Service to Third Party Companies, please refer to the relevant fees as stated in paragraph 9.

Q6. Can IV adopt BMP in the Interactive Voice Response System (IVRS) Service?

Provided that the voice response system is running on interactive mode, meaning the user will only receive (or listen) the real-time quote of a selected instrument upon each request immediately triggered by the user, it is allowed under BMP service.

Q7. Some IVs may provide integration service to the online trading platform of their third party clients. Under such arrangement, IV may apply for a pop up window showing BMP but not frame the BMP inside their client's website, would this be treated under the IV's own BMP Service, instead of BMP Third Party Service?

Third Party BMP Service is not limited to those services framing to the third party client website, but also provided for their capacity. In this regard, as long as the BMP Service is provided for a third party company, it is not regarded as the IV's own BMP Service and not covered in its own BMP Subscriber Fees, but subject to the additional fee for Third Party Service.

Q8. When IVs build application for their bank clients, the information stated in the application that the IV is the BMP provider. Would such BMP service in the bank clients be regarded as the IV's own BMP Service and no additional BMP Third Party Service be liable?

On the same principle as above in the answer to Q7, IV is required to pay additional fee for Third Party BMP Service if they are providing the BMP Service for the third party no matter they are on the third party website or IV's own website.

Q9. Interactive TV is one of the allowable service platforms for BMP. Could the IV partner with a cable TV operator to provide an interactive BMP service and regarded as the IV's own BMP Service?

As long as the BMP Service is provided by IV for a third party, it is not regarded as IV's own BMP service and not covered in IV's own BMP Subscriber Fee. For cable TV case, Third Party BMP Service is not applicable; hence the cable TV operator would need to apply for a vendor licence for provision of the service.

Q10. Our company plans to disseminate the BMP Service for Derivatives Market data on our website. Can we display the BMP for the list of HSI Index Futures with different contract months on the same page?

The key principle of offering BMP Service is to provide one BMP quote upon each user request (except those features described in paragraph 12.4 of this document. One BMP quote only contains such data content as last traded price, high/low, turnover/volume of a particular instrument e.g. a single security or a futures/options contract month. Based on this principle, the display of BMP for more than one futures and options contract month is not allowed. For the avoidance of doubt, the BMP content of call or put contract of a particular Option series is also regarded as separate BMP quote.

Q11. What are the instruments for each market?

The overall types of instruments for each market are listed on our [Market Data Overview](#) page. You may also refer to these pages for individual instruments of each market:

- Securities: https://www.hkex.com.hk/Products/Securities/Equities?sc_lang=en
- Derivatives: [https://www.hkex.com.hk/Products/Listed-Derivatives/Equity-Index/Hang-Seng-Index-\(HSI\)/Hang-Seng-Index-Futures?sc_lang=en#&product=HSI](https://www.hkex.com.hk/Products/Listed-Derivatives/Equity-Index/Hang-Seng-Index-(HSI)/Hang-Seng-Index-Futures?sc_lang=en#&product=HSI)

Q12. Can IVs display more than 20 stocks in real-time for the Top 20 ranking lists by adding subpages or using page scrolls under BMP Service?

No. IVs may display the top 20 ranking stocks in real-time only while the subsequent ranking stocks in delayed data (with at least 15 minutes delay). IVs may refresh the top 20 ranking stocks at one time. This also applies to other instruments.

Q13. Can IVs display more than 20 stocks in real-time for portfolio valuation by adding subpages or using page scrolls under BMP Service?

No. IVs may display maximum 20 stocks in real-time only while the subsequent stocks in delayed data (with at least 15 minutes delay) for portfolio valuation. IVs may refresh these 20 stocks at one time. This also applies to most recently visited list and charting comparison.

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