

香港交易所資訊服務有限公司

(香港交易及結算所有限公司集團全資附屬成員機構)

HKEX INFORMATION SERVICES LIMITED

(A wholly-owned member of the Hong Kong Exchanges and Clearing Limited Group)

21 May 2021

Our Ref: MDD/21/403

By Email

To: Direct Connection Data Vendors & End Users of Orion Market Data – Derivatives Market (“OMD-D”) and Application Service Providers (Collectively “Clients”) and Independent Software Vendors (“ISVs”)

Copy: Indirect Connection Market Data Vendors and End Users of OMD-D

Arrangement in HKEX Orion Market Data Platform – Derivatives Market (“OMD-D”) for (1) Introduction of Additional Matching Engines in HKEX Derivatives Trading System (“HKATS”); and (2) Update on Implementation Schedule for OMD-D Resilience Enhancement

1. Arrangement in OMD-D for Introduction of Additional Matching Engines in HKATS

With reference to our Client Notice issued on 11 December 2020 (Our Ref: [MDD/20/1034](#)), as well as the enclosed Participant Circular from Hong Kong Exchanges and Clearing Limited (Ref: [MO/DT/108/21](#)), additional two matching engines will be introduced in HKEX Derivatives Trading System (“HKATS”). Accordingly, additional partition and multicast channels will be introduced in OMD-D together with an update of some existing multicast channels.

The OMD-D Developers Guide (version 1.23) and OMD-D Connectivity Guide (version 1.16) are updated to provide the details. All document changes are summarised in the change history and highlighted with “|” on the right margin in the documents.

This change will be implemented together with the OMD-D Resilience Enhancement with details below.

2. Implementation Schedule and Update Schedule for OMD-D Resilience Enhancement

With reference to our Client Notices on 18 March 2021 (Our Ref: [MDD/21/232](#)), 7 April 2021 (Our Ref: [MDD/21/282](#)) and 10 May 2021 (Our Ref: [MDD/21/384](#)), to reduce Clients’ testing effort, the OMD-D resilience enhancement will be arranged to take place together with the introduction of additional matching engines in HKATS.

The **new** tentative implementation timeline and testing facilities for **both aforementioned initiatives** are listed below:

Tentative Schedule	Event	Client Action
26 May 2021	Provision of OMD-D for new HKATS End-to-End Test Environment	<p>For Clients who would like to connect to OMD-D for the new HKATS End-to-End Test environment, please submit the Test Service Application Form.</p> <p>OMD-D connectivity details of the new HKATS End-to-End Test environment can be found in the enclosed OMD-D Connectivity Guide (version 1.16)</p>
27 May 2021	Distribution of Canned Data for both initiatives	<p>For Clients and ISV who would like to obtain a copy of canned data, please complete the Online Request Form on or before 26 May 2021.</p>
27 May 2021	Provision of OMD-D Readiness Test Environment	<p>Clients can connect to OMD-D Readiness Test Environment to conduct testing. The relevant OMD-D Readiness Test material will be posted on OMD-D web corner. Please submit the Test Service Application Form.</p> <p>For ISV who would like to connect to OMD-D Readiness Test environment, please submit the Test Service Application Form for ISV.</p>
1 Jun 2021 to 18 Jun 2021	System Impact and Readiness Declaration	<p><u>Clients using self-developed application</u></p> <ul style="list-style-type: none"> - Clients should assess the system impact, and submit your impact and readiness declaration for <u>both initiatives</u> via Online Declaration Form from 1 Jun to 18 Jun 2021. <p><u>Clients using ISV's application</u></p> <ul style="list-style-type: none"> - Clients should closely liaise with your ISV(s) to understand the system impact and ensure the system readiness for <u>both initiatives</u>. - Clients could submit the impact and readiness declaration or through your ISV(s) to submit. <p><u>ISV</u></p> <ul style="list-style-type: none"> - ISV should assess the system impact, and submit your impact and readiness declaration for <u>both initiatives</u> via Online Declaration Form from 1 Jun to 18 Jun 2021. - ISV should submit the impact and readiness declaration for <u>both initiatives</u> on behalf of your client(s) by returning the Client Report under Test Service from 1 Jun to 18 Jun 2021. <p>(Mandatory to all direct connection OMD-D Clients and ISVs)</p>
3 Jul 2021	Market Rehearsal	<p>Clients participate in Market Rehearsal to validate readiness of the launch in production environment.</p>

		The details of Market Rehearsal will be further announced in Jun 2021. (Mandatory to all direct connection OMD-D Data Vendors and Application Service Providers)
Aug 2021	Post Release Test and Production Launch	Clients participate in Post Release Test to perform a final check before the production launch. (Mandatory to all direct connection OMD-D Data Vendors and Application Service Providers)

Indirect Connection OMD-D Clients should liaise closely with their feed providing vendors or application service providers for all necessary arrangements to ensure their readiness for both initiatives.

Should you have any queries, please contact us at (852) 2211 6558 or send your questions to IVSupport@hkex.com.hk.

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Enclosures: 1) Participant Circular (English)
2) OMD-D Developers Guide (version 1.23)
3) OMD-D Connectivity Guide (version 1.16)