

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)

12 June 2020
Our Ref: MDD/20/479

By Email

To: Direct Connection Derivatives Market Data Vendors, End Users and Application Service Providers (Collectively “Clients”); and Independent Software Vendors (ISVs)

Copy: Indirect Connection Derivatives Market Data Vendors and End Users

Technical Refresh for HKEX Orion Market Data Platform - Derivatives Market (OMD-D)

With reference to our Client Notice (Ref: [MDD/19/1403](#)) issued on 31 December 2019 for the Planned Activities / Initiatives in Relation to Market Data Systems for 2020, the Technical Refresh on OMD-D is planned to be launched in Q4 2020. The details and arrangement are listed below:

1. Scope

This Technical Refresh includes hardware upgrade, Operating System (OS) upgrade and software update in OMD-D.

2. Client Impact

For OMD-D messages, there is no change on the message structure. However, some refinement on message behavior are introduced during the Technical Refresh. The details of each change is provided in the enclosed Supplementary Information.

For capacity consideration, there could also be a performance improvement with a lower and more consistent latency in OMD-D after the hardware and software upgrade, subject to Clients' infrastructure setup and application handling. Market rehearsals will be arranged for Clients to experience the new performance.

Clients should assess the impact and arrange system enhancement if needed.

3. Implementation Schedule and Participation

The implementation schedule is listed as below:

Activity	Schedule	Remarks
Provision of Canned Data by HKEX	By end Jun 2020	A set of canned data will be provided to Clients and ISVs to experience the changes introduced after the Technical Refresh.

Activity	Schedule	Remarks
		The data set will be distributed to Clients and ISVs who have completed the Online Request Form via this link by 19 June 2020
Provision of OMD-D Readiness Test Environment by HKEX	Early Aug 2020	Details will be provided in mid-Jul 2020
System Readiness Declaration by Clients	By End Aug 2020	Mandatory to <u>ALL</u> Direct Connection OMD-D Clients
Market Rehearsals	Q4 2020	Details will be provided by Oct 2020

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 the Technical Refresh in OMD-D.

Enclosed is the updated OMD-D Interface Specification (version 1.33) and Developers Guide (version 1.21). Besides the aforesaid refinement, there are also an update on Quote Request (336) message to clarify the existing handling. Please refer to the change history for the update, which has also been highlighted with “|” on the right margin in the document for your easy reference.

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

Arthur Yung
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Enclosures: 1) Supplementary Information for Changes in OMD-D Technical Refresh
2) OMD-D Interface Specification v1.33
3) OMD-D Developers Guide v1.21