HKEX
香港交易所

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)

18 March 2021   **By Email**
Our Ref: MDD/21/232

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

Implementation Details for Resilience Enhancement on HKEX Orion Market Data Platform – Derivatives Market (OMD-D)

With reference to our Client Notice issued on 11 December 2020 (Our Ref: MDD/20/1034) regarding the Planned Activities / Initiatives In Relation to Market Data Systems for 2021, the resilience design of OMD-D will be enhanced to elevate the service availability by enabling the automatic failover of OMD-D service component from the primary site to the secondary site at a system failure scenario.

The OMD-D Interface Specification (version 1.36), OMD-D Developers Guide (version 1.22) and OMD-D Connectivity Guide (version 1.15) are updated to provide the details of this enhancement. All document changes are summarised in the change history and highlighted with "|" on the right margin in the documents.

The tentative timeline of the implementation and testing facilities are listed below:

Tentative Schedule	Event	Client Action
1 April 2021	Canned Data Distribution	Clients and ISV who would like to obtain a copy of canned data, please complete the Online Request Form **on or before 31 Mar 2021.**

In Mid-April 2021	Provision of OMD-D Readiness Test Environment	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.
By 18 May 2021	System Impact and Readiness Declaration	Clients should assess the system impact, and submit your impact and readiness declaration **on or before 18 May 2021.** The link of the Online Declaration Form will be provided in late April. (Mandatory to all direct connection OMD-D Clients)
Schedule to be announced in May / Jun 2021	Market Rehearsals	Clients participate Market Rehearsal to validate readiness of the launch in production environment.

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 OMD-D Resilience Enhancement.

The introduction of new matching engines in HKATS may be arranged to take place together with the OMD-D resilience enhancement. Further details will be provided when the information related to the arrangement of new matching engines in HKATS is available.

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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Data Connectivity & Support, Market Data
Markets Division

Enclosures: 1)   OMD-D Interface Specification (version 1.36)
2)   OMD-D Developers Guide (version 1.22)
3)   OMD-D Connectivity Guide (version 1.15)

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