

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)

20 May 2020
Our Ref: MDD/20/423

By Email

**To: Securities Market Data Vendors, End Users and Application Service Providers
(Collectively “Clients”)**

Copy: Independent Software Vendors (ISVs)

Implementation details for Resilience Enhancement on HKEX Orion Market Data Platform – Securities Market (OMD-C) and Updated OMD-C Technical Documents

With reference to our client notice dated 31 December 2019 (Our Ref: [MDD/19/1403](#)) regarding the Planned Activities / Initiatives In Relation to Market Data Systems for 2020, the resilience design of OMD will be enhanced to reinforce the service availability by minimising the interruption of market data provisioning at system failure scenario.

Enclosed are the updated OMD-C interface specification (version 1.33), OMD-C Developer Guide (version 1.12) and OMD-C Connectivity Guide (version 2.3) to reflect the changes on the enhanced resilience design in OMD-C. In addition, the updated OMD-C Developer Guide also included the recommended handling of the Index Data (71) message. All document changes are summarised in the change history and highlighted with “|” on the right margin in the documents.

A webinar briefing session is scheduled for **29 May 2020** to introduce the enhanced resilience design in OMD-C. OMD-C Direct Connection Clients are recommended to join the briefing session. Enrolment details are listed in the table below.

Tentative timeline of the arrangement, testing facilities and the relevant dates are listed below:

Tentative Schedule	Event									
29 May 2020	Webinar Briefing Session									
	<table border="1"><thead><tr><th>Time</th><th>Language</th><th>Enrollment</th></tr></thead><tbody><tr><td>4:00 pm – 4:30 pm</td><td>English</td><td>Online Participation Form</td></tr><tr><td>5:00 pm – 5:30 pm</td><td>Cantonese</td><td>Online Participation Form</td></tr></tbody></table>	Time	Language	Enrollment	4:00 pm – 4:30 pm	English	Online Participation Form	5:00 pm – 5:30 pm	Cantonese	Online Participation Form
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4:00 pm – 4:30 pm	English	Online Participation Form								
5:00 pm – 5:30 pm	Cantonese	Online Participation Form								
For the enrollment, please complete the Online Participation Form on or before 26 May 2020										
End June 2020	Canned data distribution To request a copy of canned data (available to Clients and ISV for testing), please complete the Online Request Form on or before 12 June 2020									

	Note: This canned data will also include the Pre-Opening Session enhancement mentioned in our client notice (Our Ref: MDD/20/224)
By 3 July 2020	System impact declaration by direct connection OMD-C Clients Please assess the impact and submit your declaration by completing Online Declaration Form on or before 3 July 2020 (Mandatory to all direct connection OMD-C Clients)
End August 2020	Provision of readiness test environment
By end September 2020	Readiness declaration by direct connection OMD-C Clients (Mandatory to all direct connection OMD-C Clients)
Q4 2020	Market Rehearsals

Indirect Connection OMD-C Clients should liaise closely with their feed providing vendors or application service providers for all necessary arrangements to ensure their readiness for the enhanced resilience design in OMD-C.

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

Arthur Yung
Senior Vice President
Data Connectivity & Support, Market Data
Markets Division

Enclosures: 1) OMD-C Interface Specification v1.33
2) OMD-C Developer Guide v1.12
3) OMD-C Connectivity Guide v2.3