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)

6 September 2019   **By Email**
Our Ref: MDD/19/1065

To: **Direct Connection Securities Market Data Vendors, End Users and Application Service Providers (Collectively "Clients"); and Independent Software Vendors (ISVs)**

Copy: Indirect Connection Securities Market Data Vendors and End Users

Technical Refresh for HKEX Orion Market Data Platform – Securities Market (OMD-C) and Mainland Market Data Hub (MMDH)

Please be informed that there will be a Technical Refresh on OMD-C and MMDH ("Technical Refresh") with the details below:

1. Scope

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

2. Client Impact

There is **no interface change** and therefore this Technical Refresh should be functionally transparent to OMD-C and MMDH Clients.

However, to strengthen the security, **password requirement for MMDH will be enhanced** as follows:

MMDH Password Requirement	Existing	New
Length of password	At least 8 characters Maximum 20 characters	At least 16 characters Maximum 20 characters
Complexity of password	Alphanumeric	Must contain a combination of: - Upper case letter - Lower case letter - Numeric - Special character
Password reset frequency	Password cannot be changed more than once within 24 hours	No restriction

We enclose the following technical documents of OMD-C MMDH which have been updated to reflect the aforesaid enhancement in the password requirement and other housekeeping changes.. 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.

- OMD-C MMDH Interface Specifications (version 1.26)
- OMD-C MMDH Developers Guide (version 1.8)

To facilitate your preparation, MMDH On-boarding tool will be provided to registered technical contacts. MMDH Clients can make use of the tool to conduct off-line testing on the new password requirement. MMDH Clients should make appropriate changes to ensure their system is compatible to the new password requirement before joining the Market Rehearsal.

3. Implementation Schedule and Participation

Below is a tentative schedule. For participation, please complete and return the Online Test Participation Form on or before 13 September 2019 (Friday). The test rundown of the MR will be provided to the participating clients in due course.

Activity	Schedule	Participation (Direct Connection Clients)			
		OMD-C Market Data Vendor	OMD-C Application Service Provider	OMD-C End User	MMDH Client
Market Rehearsal (MR)	12 October 2019	Mandatory	Mandatory	Optional	Mandatory
Post Release Test (PRT)	Late October / November 2019 **(tentative)**	Mandatory	Mandatory	Optional	Mandatory

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: OMD-C MMDH Interface Specifications (version 1.26)
                OMD-C MMDH Developers Guide (version 1.8)