

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全資附屬公司)

HKEX INFORMATION SERVICES LIMITED

(A wholly-owned subsidiary of Hong Kong Exchanges and Clearing Limited)

14 December 2022
Our Ref: MDD/22/851

By Email

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

Copy: Indirect Connection Market Data Vendors and End Users

Planned Activities - Initiatives in Relation to Market Data Systems for 2023

Here are the tentative schedules of planned activities / initiatives in relation to Market Data Systems¹ for 2023. Please note that if there is a change of priority or new market needs, the schedule may be adjusted, and there may also be new initiatives introduced. When it happens, we will communicate in due course.

(A) All Market Data Systems

Tentative Schedule	Planned Activity / Initiative	Details
Q3 2023	Data Center Failover Rehearsal	<p>The regular Data Center Failover Rehearsal will be arranged to allow Clients to practise their contingency procedures by simulating the scenario of primary data centre outage and failing over all HKEX's systems (including market data systems) to the secondary data center to continue the operation. The Rehearsal will also cover trading and clearing systems of HKEX.</p> <p>The schedule and test details of Data Center Failover Rehearsal will be provided around the second quarter of 2023.</p>

¹ Market Data Systems include (1) HKEX Orion Market Data Platform - Securities Market (OMD-C), (2) HKEX Orion Market Data Platform – Derivatives Market (OMD-D), (3) HKEX Orion Market Data Platform – China Connect (OMD-CC), (4) Mainland Market Data Hub (MMDH) and (5) Issuer Information feed System (IIS)

(B) Market Data Services for Securities Market (OMD-C & MMDH):

Tentative Schedule	Planned Activity / Initiative	Details
20 Mar 2023	Launch of Increase of Time Precision of Trade Time Field in OMD-C and MMDH	<p>Following the successful completion of Market Rehearsals on 22 and 29 October 2022, the Post Release Test is scheduled for 18 Mar 2023.</p> <p>Please refer to the Client Notice of MDD/22/844 for details.</p>
Q1 2023	OMD-C Operating System (OS) Upgrade	In order to keep the OMD-C robust and stable, the Operating System (OS) of OMD-C servers will be upgraded as a regular maintenance. This OS Upgrade should be transparent to Clients.
Q4 2023	MMDH Data Center Failover Rehearsal	<p>The regular MMDH Data Centre Failover Rehearsal will be arranged to allow MMDH Clients to practise their contingency procedures for data center failover of MMDH.</p> <p>Details of the testing schedule of MMDH Data Center Failover Rehearsal will be provided in the third quarter of 2023.</p>
2023	Introduction of The Dual Counter Model Eligible for Market Making In Hong Kong Securities Market*	<p>HKEX plans to introduce Dual Counter Model to further support RMB development in the Hong Kong Securities Market.</p> <p>This initiative would not introduce system interface change in OMD-C and MMDH. Please refer to the Client Notice of MDD/22/847 and Participant Circular of HKEX CT/158/22 for details.</p>

* Initiative's scope and schedule are subject to change, and the launch is subject to regulatory approval and market readiness.

(C) Market Data Services for Derivatives Market (OMD-D):

Tentative Schedule	Planned Activity / Initiative	Details
Q1 2023	Implementation of Compression Mechanism on OMD-D DS (SOM) Datafeed	<p>The compression mechanism will extend to Derivatives Standard (DS) Stock Option Market (SOM) datafeed to maintain the quality of the datafeed for continuing growth of transaction activities in the derivatives market.</p> <p>All direct connection DS Clients and ISVs are mandatory to declare readiness by 31 January 2023 by submitting the declaration via Online Declaration Form.</p> <p>Please refer to the Client Notices of MDD/22/823 and MDD/22/698 for details. Details on Market Rehearsal will be provided in January of 2023.</p>
Q2 / Q3 2023	OMD-D Operating System (OS) Upgrade	<p>In order to keep the OMD-D robust and stable, the Operating System (OS) of OMD-D servers will be upgraded as a regular maintenance. This OS Upgrade should be transparent to Clients.</p>
1H 2023	Block Trade Enhancement*	<p>HKEX plans to facilitate the execution of block trades with an introduction of new session states.</p> <p>Market Rehearsal will be held to allow Clients to verify their system readiness for the introduction of new session states.</p> <p>Please refer to the Participant Circular of HKEX MO/DT/302/22 for the reference. Details of the enhancement and testing schedule will be provided in the first quarter of 2023.</p>

* Initiative's scope and schedule are subject to change, and the launch is subject to regulatory approval and market readiness.

(D) Market Data Services for China Connect (OMD-CC):

Tentative Schedule	Planned Activity / Initiative	Details
Q1 2023	Technical Refresh	<p>In order to keep the IT infrastructure of Market Data Systems robust and stable, an OMD-CC Technical Refresh, includes the hardware refreshment and Operating System (OS) upgrade will be conducted in the first quarter of 2023. This Technical Refresh should be transparent to Clients.</p>

Tentative Schedule	Planned Activity / Initiative	Details
1H 2023	Launch of Trading Calendar Enhancement for Stock Connect	<p>HKEX plans to enhance the trading calendar for Stock Connect to allow trading under Stock Connect on all trading days where both the Hong Kong and Mainland China markets are open.</p> <p>This enhancement would not introduce system interface change in OMD-CC. Please refer to the Client Notice of MDD/22/538 and HKEX web corner for details.</p>

(E) Issuer Information Feed System (IIS)

Tentative Schedule	Planned Activity / Initiative	Details
Q4 2023	Technical Upgrade	In order to keep the delivery of issuer announcements robust and stable, HKEX plans to perform software update for IIS in the fourth quarter of 2023. This Technical Upgrade should be transparent to Clients.

In addition, HKEX will regularly conduct a capacity review on its datafeed products to ensure the delivery of quality service to Clients. If it is found necessary to increase the bandwidth requirement of datafeed products, notice will be given to Clients for arrangement.

We would also like to take this chance to express our sincere gratitude to all clients on your continuous support to our initiatives.

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

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