



香港交易所資訊服務(中國)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 (CHINA) LIMITED**  
(A wholly-owned subsidiary of Hong Kong Exchanges and Clearing Limited)

18 December 2023  
Our Ref: MDD/23/1677\_C

**By Email**

**To: Direct Connection Market Data Vendors, End Users, Application Service Providers and HKEX Orion Market Data Platform - China Connect (Securities) (OMD-CC) China Connect Exchange Participants (collectively "Clients");**

**Copy: Indirect Connection Market Data Vendors and End Users; and Independent Software Vendors ("ISVs")**

### **Planned Activities - Initiatives in Relation to Market Data Systems for 2024**

Here are the tentative schedules of planned activities / initiatives in relation to Market Data Systems<sup>1</sup> for 2024. 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**

<b>Tentative Schedule</b>	<b>Planned Activity / Initiative</b>	<b>Details</b>
February / March 2024	SDNet/2 Equipment Upgrade	<p>HKEX will upgrade SDNet/2 WAN Gateways in order to ensure the continued reliability and performance of the network.</p> <p>The upgrade should be transparent to Clients. However, Clients who are subscribing SDNet/2 services, are highly recommended to join the Practice Sessions and Post Release Tests to confirm connectivity after the upgrade of network equipment.</p> <p>Detailed arrangement will be announced in January 2024 tentatively.</p>

<sup>1</sup> 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)

Tentative Schedule	Planned Activity / Initiative	Details
Q3 2024	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 / third quarter of 2024.</p>

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

Tentative Schedule	Planned Activity / Initiative	Details
Q1 2024	Firmware Upgrade of HKEX Backbone Network for Securities Market Systems	<p>Practice Sessions have been successfully completed on 18 and 25 November 2023. Post Release Tests (PRTs) will be further arranged before the production rollout of the new firmware version.</p> <p>Please refer to the relevant Client Notices of <a href="#">MDD/23/667 C</a> and <a href="#">MDD/23/690 C</a> for details.</p> <p>Detailed arrangement of the PRTs will be announced in due course.</p>
Q2 2024	OMD Index Feed Enhancement	<p>In order to enhance efficiency for potential product expansion and business demands in the future, a new index server will be developed for the OMD Index feed (IDX).</p> <p>Retransmission servers dedicated for IDX will be introduced and therefore the corresponding retransmission connectivity details will be changed. Please note that this change is not applicable to MMDH Clients.</p> <p>Detailed arrangement will be announced in the first quarter of 2024.</p>
Q3 2024	OMD-C Operating System (OS) Upgrade	<p>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.</p>

<b>Tentative Schedule</b>	<b>Planned Activity / Initiative</b>	<b>Details</b>
Q4 2024	New High-end Market Data Feed	In order to continue providing additional choices to the market, HKEX plans to introduce a high-end market data feed for Securities Market enabling a faster connectivity with the reduction in latency,  Detailed arrangement will be announced in the first half of 2024.
Q4 2024	MMDH Data Center Failover Rehearsal	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.  Details of the testing schedule of MMDH Data Center Failover Rehearsal will be provided in the third quarter / fourth quarter of 2024.

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

<b>Tentative Schedule</b>	<b>Planned Activity / Initiative</b>	<b>Details</b>
Q2 2024	OMD Index Feed Enhancement	In order to enhance efficiency for potential product expansion and business demands in the future, a new index server will be developed for the OMD Index feed (IDX).  Retransmission servers dedicated for IDX will be introduced and therefore the corresponding retransmission connectivity details will be changed.  Detailed arrangement will be announced in the first quarter of 2024.
Q2 2024	OMD-D Operating System (OS) Upgrade	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.
Q4 2024	New High-end Market Data Feed	In order to continue providing additional choices to the market, HKEX plans to introduce a high-end market data feed for Derivatives Market enabling a faster connectivity with the reduction in latency.  Detailed arrangement will be announced in the first half of 2024.

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

Tentative Schedule	Planned Activity / Initiative	Details
Q1 2024	Firmware Upgrade of HKEX Backbone Network for Securities Market Systems	<p>Practice Sessions have been successfully completed on 18 and 25 November 2023. Post Release Tests (PRTs) will be further arranged before the production rollout of the new firmware version.</p> <p>Please refer to the relevant Client Notices of <a href="#">MDD/23/667_C</a> and <a href="#">MDD/23/690_C</a> for details.</p> <p>Detailed arrangement of the PRTs will be announced in due course.</p>
Q3 2024	OMD-CC Operating System (OS) Upgrade	<p>In order to keep the OMD-CC robust and stable, the Operating System (OS) of OMD-CC servers will be upgraded as a regular maintenance. This OS Upgrade should be transparent to Clients.</p>

**(E) Issuer Information Feed System (IIS)**

Tentative Schedule	Planned Activity / Initiative	Details
February / March 2024	IIS Technical Upgrade	<p>The technical upgrade aims to maintain the system stability and enhance the system robustness in the delivery of issuer announcements.</p> <p>The free IIS Certification Test Environment is available until 12 January 2024. Clients who currently have a set of IIS testing connections and plan to reserve the test environment, please be reminded to submit us the <a href="#">Test Service Application Form</a>.</p> <p>The optional Practice Session and the mandatory Market Rehearsal will be arranged for January / February 2024 tentatively. The exact schedule and test details will be announced in due course.</p> <p>Please refer to the Client Notices of <a href="#">MDD/23/260</a>, <a href="#">MDD/23/494 C</a> and <a href="#">MDD/23/749 C</a> for details.</p>

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](mailto:IVSupport@hkex.com.hk).

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