

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)

13 December 2024

Our Ref: MDD/24/719\_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 2025**

Here are the tentative schedules of planned activities / initiatives in relation to Market Data Systems<sup>1</sup> for 2025. 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>
Q3 2025 - Q2 2026	HKEX Service Network ("HSN") Switch Hardware Replacement	<p>To ensure the continued reliability and performance of HKEX Service Network ("HSN"), HKEX will replace the network switches in HSN infrastructure tentatively from the third quarter of 2025 to the second quarter of 2026.</p> <p>The replacement of hardware will be transparent to Clients. Readiness Test / Practice Session will be arranged for Clients who are subscribing HSN services to confirm connectivity after the hardware replacement.</p> <p>Detailed arrangement will be announced in the first quarter / second quarter of 2025.</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)

<b>Tentative Schedule</b>	<b>Planned Activity / Initiative</b>	<b>Details</b>
Q3 2025	Data Centre Failover Rehearsal	<p>The regular Data Centre 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 centre to continue the operation. The Rehearsal will also cover trading and clearing systems of HKEX.</p> <p>The schedule and test details of Data Centre Failover Rehearsal will be provided around the second quarter / third quarter of 2025.</p>
Throughout 2025	Operating System (OS) and Security Patch Upgrade	<p>In order to keep our market data systems robust and stable, the OS and security patch of the market data systems servers will be upgraded as a regular maintenance.</p> <p>These OS and Security Patch Upgrade would be transparent to Clients.</p>

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

<b>Tentative Schedule</b>	<b>Planned Activity / Initiative</b>	<b>Details</b>
June 2025	Enhancement of Settlement Arrangement for Multi-counter Eligible Securities	<p>All OMD-C and MMDH Clients, and ISVs should assess the system impact, and submit your impact and readiness declaration by 31 March 2025.</p> <p>The mandatory Market Rehearsal will be arranged for the second quarter of 2025 tentatively. The exact schedule and test details will be announced in the first quarter of 2025.</p> <p>Please refer to the Client Notices of <a href="#">MDD/24/348_C</a> and <a href="#">MDD/24/630_C</a> for details.</p>
Q3 2025	OMD-C Technical Upgrade	<p>In order to enhance the current OMD binary transmission protocol and performance, there will be a technical upgrade on OMD-C.</p> <p>This Technical Upgrade would not introduce any system interface change and would be functionally transparent to OMD-C Clients. Nevertheless, a weekend test will be arranged for OMD-C Client to confirm the connectivity after the upgrade in the third</p>

<b>Tentative Schedule</b>	<b>Planned Activity / Initiative</b>	<b>Details</b>
		<p>quarter of 2025.</p> <p>Detailed arrangement will be announced in the second / third quarter of 2025.</p>
Q3 2025	MMDH Secondary (DR) Data Centre Relocation	<p>HKEX is planning to relocate the existing MMDH Secondary (DR) Data Centre from Yang Pu District to a new data centre.</p> <p>The location of the new DR data centre and detailed arrangement will be further announced in second quarter of 2025.</p>
Q4 2025	MMDH Technical Enhancement	<p>MMDH is currently operating under an active-backup model. In order to enhance the resilience of MMDH, there will be a technical enhancement to change MMDH in an active-active model.</p> <p>Detailed arrangement will be further announced in the second / third quarter of 2025.</p>
Q4 2025	MMDH Data Centre Failover Rehearsal	<p>The regular MMDH Data Centre Failover Rehearsal will be arranged to allow MMDH Clients to practise their contingency procedures for data centre failover of MMDH.</p> <p>Details of the testing schedule of MMDH Data Centre Failover Rehearsal will be provided in the third quarter / fourth quarter of 2025.</p>

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

<b>Tentative Schedule</b>	<b>Planned Activity / Initiative</b>	<b>Details</b>
Q1 – Q3 2025	HKEX Internal Network Device Software Upgrade for the Derivatives Markets	<p>HKEX will upgrade the internal network device software for the derivatives markets tentatively in Q1 to Q3 2025 in order to ensure the continued reliability and performance of the network.</p> <p>This upgrade will be transparent to OMD-D Clients and weekend readiness test will be arranged for OMD-D Clients to confirm the connectivity after the software upgrade.</p> <p>Detailed arrangement will be announced in the first / second quarter of 2025.</p>

Tentative Schedule	Planned Activity / Initiative	Details
Q2 2025	OMD-D Technical Upgrade	<p>In order to enhance the current OMD binary transmission protocol and performance, there will be a technical upgrade on OMD-D.</p> <p>This Technical Upgrade would not introduce any system interface change and would be functionally transparent to OMD-D Clients. Nevertheless, a weekend test will be arranged for OMD-D Client to confirm the connectivity after the upgrade in the second quarter of 2025.</p> <p>Detailed arrangement will be announced in the first / second quarter of 2025.</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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