

Top-tier Chinese bank transitions to Real-Time Managed Distribution Service

A major Chinese banking group operating in a large, complex financial market environment has recently transitioned to LSEG's Real-Time Managed Distribution Service to support trading, risk management and analytical workflows across its organisation.

Historically, the bank has used LSEG's Real-Time Distribution System, feeding real-time data into its on-premises infrastructure. Rising data volumes, growing operational complexity, and evolving technology requirements prompted the bank to reassess the long-term sustainability of managing real-time market data infrastructure internally. After evaluation, the bank completed its migration within a four-month timeframe (reflecting its specific scope, readiness, and internal decision-making structure) becoming a major Real-Time Managed Distribution Service client for LSEG in mainland China – a notable milestone for both the bank and its relationship with LSEG.

The challenge

The bank's ageing on-premises hardware was approaching end-of-life, prompting its leadership to consider whether to:

1. **Refresh their entire hardware stack** – requiring significant CapEx, lengthy procurement cycles, and internal mobilisation, **or**:
2. **Move to a fully managed service** – aiming to limit future hardware refreshes altogether.

Alongside cost and operational efficiency, the bank sought a partner with deep and proven experience in enterprise-scale real-time data distribution. This experience was essential to ensure long-term stability, mature operational processes and a clear roadmap for supporting evolving market data needs.

Continuing to run its real-time data operations independently would have required ongoing validation and optimisation across multiple platforms and technical environments, demanding increasing engineering effort over time. Transitioning to a managed service with a trusted provider was expected to reduce internal operational burden and support more consistent, scalable performance across complex real-time workloads.

Resilience was also a priority. Achieving capabilities such as 24/7 monitoring, real-time failover, continuous upgrades and robust entitlement controls internally would likely require dedicated teams and additional investment. The bank began to question whether maintaining a self-managed model remained the right long-term approach.

The decision

After assessing its options, the bank's technology and market data teams opted to seek a fully managed alternative to its current on-premises set-up.

They required a provider to host and operate the entire real-time distribution environment end-to-end, supply and maintain hardware, manage upgrades, and provide continuous monitoring and enterprise-grade support. A fixed monthly commercial structure intended to support more predictable financial planning, relative to cyclical hardware refresh models.

A platform designed to support resilience, with high availability, multi-layer redundancy and robust entitlement and compliance controls was essential.

The bank selected LSEG's Real-Time Managed Distribution Service.

Key benefits

By adopting LSEG's Real-Time Managed Distribution Service, the bank can benefit from:

- Reduced reliance on on-premises hardware dependencies and future refresh cycles
- Lower operational risk exposure compared to maintaining multiple internally managed, on-premises environments
- Enhanced resilience and service stability, supported by 24/7 monitoring and multi-layer redundancy
- A transition from CapEx to predictable, subscription-based OpEx
- Reduced the ongoing engineering effort required to validate and optimise multiple platform environments internally
- Modernisation of its market data distribution approach

Why LSEG's Real-Time Managed Distribution Service?

- **Helps reduce infrastructure burden:** No need to buy hardware, host infrastructure, run servers on-site, manage upgrades, patch software, or staff teams to support real-time data distribution.
- **Enterprise-grade, standardised architecture:** Runs on globally proven hardware and a mature, extensively deployed operating system (OS) stack which is designed to support consistency, reliability, and predictable performance at scale.
- **Predictable, subscription-based OpEx:** A fixed monthly commercial model reduces the need for future hardware refresh cycles and supports clearer financial planning.
- **Supports resilience and regulatory requirements:** 24/7 monitoring, multi-layer redundancy and built-in entitlement controls are designed to support system stability and reduce operational risk.

Let us manage the complexity – so you can lead with clarity. [Learn more about LSEG's Real-Time Managed Distribution Service.](#)

Client examples and approaches described reflect specific implementations and design practices. Outcomes may vary depending on client environment, configuration, venue behaviour, regulatory considerations, and downstream system design. LSEG services are designed to support operational resilience, consistency and usability of market data, but do not guarantee accuracy, completeness, sequencing, availability, or specific system outcomes.

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