

Real-Time – Direct

Access premium, full-depth, direct feeds through a fully managed service designed to help firms reduce infrastructure complexity, operate with confidence and scale trading and analytics workflows.

Today's trading and analytics workflows demand more than just speed. Firms must capture, normalise, and distribute large volumes of market data across environments, while meeting regulatory, operational, and performance requirements. Building and maintaining direct feeds internally adds significant complexity, cost, and ongoing operational and maintenance burden.

Our solution

Real-Time – Direct is a fully managed, premium low latency market data solution, providing access to multiple full-depth, direct, exchange-sourced feeds.

LSEG manages the complete technology stack, including hardware, software, monitoring, exchange-driven changes, maintenance and operational support – whether deployed on customer premises or hosted by LSEG. This allows firms to **focus on consuming market data rather than managing the underlying infrastructure**.

With extensive global coverage, combined with a consistent, normalised LSEG data model, standardised symbology and a unified API framework consistent across LSEG Real-Time solutions, **Real-Time – Direct delivers a fast, comprehensive view of financial markets while simplifying integration into existing workflows.**

Key capabilities

Performance and coverage

- Full-depth, exchange-sourced data across global venues.
- 99.99% of updates delivered within 50 microseconds (ingress to egress), with latency as low as 30 microseconds on multiple venues.
- Low latency with minimal jitter for supported venues.
- High-performance physical hardware supporting multi-venue deployments.

Fully managed market data platform

- Complete solution in colocation or proximity data centres, including network infrastructure, hardware and market data distribution.
- Technical support from local experts across global markets and time zones.
- Proactive software and hardware maintenance and real-time monitoring.
- Exchange-driven changes fully managed by a global team of regional Business Analysts, Exchange Managers, Content Specialists and Product Managers.
- Reduced operational burden and infrastructure overhead.

Consistent data model and seamless integration

- Enriched with corporate actions, derived fields, exchange corrections, reference data and more.
- Delivered through a normalised LSEG data model, standardised symbology and unified API framework.
- Compatible with existing LSEG Real-Time applications and workflows.
- Supports integration across trading, analytics and downstream workflows.

Testing and maintenance control

- Dedicated testing and weekend environments.
- Preview releases ahead of production rollout.
- Validate new content and service updates.
- Support for exchange-specific testing environments.
- Flexible maintenance scheduling around business requirements.
- Greater control over maintenance windows to support customer-specific operational and risk management processes.

Transparency and resilience

- High availability and resilient global infrastructure.
- Latency transparency and performance reporting.
- Supports trading, operational and regulatory requirements.

Benefits to your business

- **Optimise and scale:** Leverage a versatile solution that supports double-digit microsecond latency requirements for algorithmic trading, as well as broader trading and analytics workflows. Applications built for one venue can scale to other venues more easily.
- **Reduce complexity:** Avoid the need to build, maintain and update feed handler infrastructure internally, while reducing the overhead of tracking exchange-driven changes.
- **Stay informed:** Benefit from LSEG's longstanding exchange relationships and deep expertise in exchange-specific market structures and requirements.
- **Accelerate time to market:** Deploy and integrate data faster with dedicated test environments, managed onboarding, ongoing support and simplified infrastructure management.
- **Improve operational efficiency:** Reduce infrastructure overhead through managed maintenance, monitoring and support.
- **Improve consistency:** Consume a unified, normalised and enriched data model across markets and venues.
- **Increase resiliency:** Use Real-Time – Direct as either a primary or backup market data solution, supported by dual-feed, dual-server and dual-data-centre architecture, robust software engineering and automated testing.

Power your use cases

- Algorithmic and automated trading
- High-touch (sell-side OMS) and low-touch direct market access (DMA) trading
- Execution modelling and optimisation
- Market making and pricing models
- AI/ML workflow integration

Coverage

Extensive global coverage across asset classes and venues, including:

- SIP & regional US equities coverage
- Full Tick OPRA US options market data
- All Canadian markets
- Comprehensive coverage of major APAC venues by trading volume
- Access to key trading venues via low-latency infrastructure

Delivery and access

Real-Time – Direct is a fully managed service, available through three delivery models:

1 – Shared hosted	2 – Dedicated hosted	3 – Customer-deployed
Delivered through LSEG's Real-Time Managed Distribution Service, enabling low-latency access via cross-connects or circuits.	Dedicated infrastructure enabling the lowest latency access via cross-connects.	Managed infrastructure within your environment, with LSEG providing hardware, software maintenance, and local expert support.

In all models, firms retain direct relationships with exchanges for licensing and connectivity.

Related solutions

Real-Time – Ultra Direct	Real-Time Distribution System	Real-Time Managed Distribution Service	Real-Time Data Solutions
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To explore how Real-Time – Direct can support your trading and analytics workflows, speak to an LSEG specialist or [request further information](#).

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