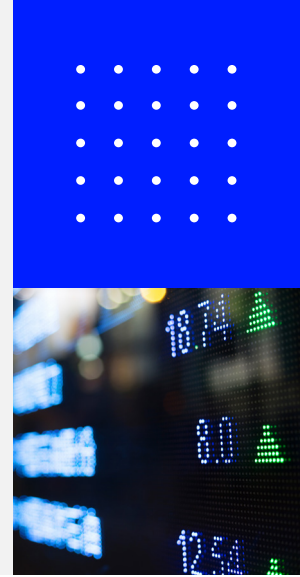# LSEG Machine Readable News

## Addressing your market surveillance challenges

Trusted data to meet your compliance challenges with confidence

Today firms are monitoring trading on more markets than ever before, which requires visibility across multiple venues and asset classes with a pool of data that is growing at a dramatic rate. As regulatory authorities continue to raise the stakes, having systematic controls and surveillance procedures in place is critical. Compliance departments need to correlate news events with trading activities or trading behaviours of individuals to enable proactive detection, escalation and management of market abuse activities. This includes potential insider trading activity, false trading and market manipulation analytics, market distortion analytics, wash trading and more, driven by non-public information.

LSEG's data powers financial firms across the globe, enabling market surveillance teams to meet compliance challenges seamlessly. And as sophisticated Artificial Intelligence (AI) and Machine Learning (ML) tools become more prevalent in detecting market abuse, it has become increasingly clear that the foundation of any high-quality, compliant market surveillance programme is the data. Robust, high-quality, point-in-time data helps to ensure lower levels of false positives, and enable more efficient investigations and enhanced compliance effectiveness. It can also address connected compliance challenges sometimes handled in the same platform, including personal account dealing monitoring, regulatory reporting and best execution analysis, e.g. transaction cost analysis (TCA).

Market surveillance using Tick History and News
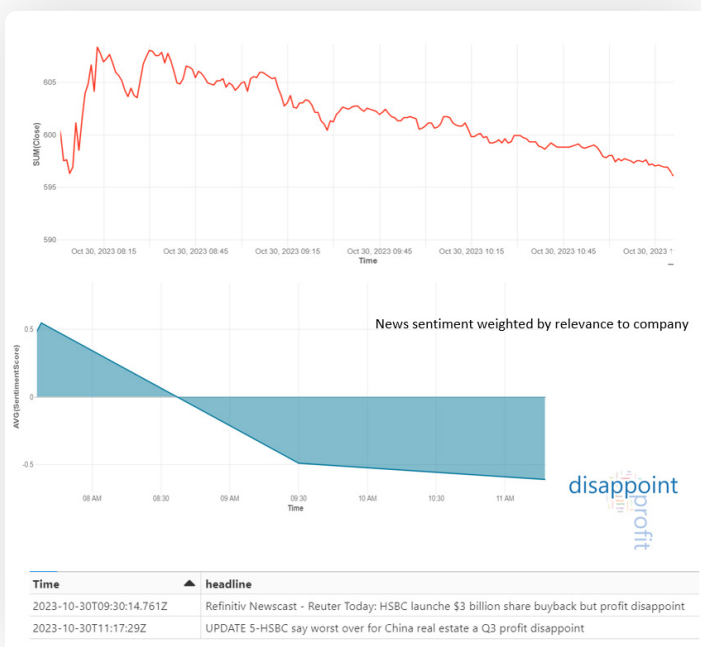
Combining Machine Readable News (MRN) with historical data

LSEG's programmatic Machine Readable News service provides normalised, enriched and point-in-time news in a feed format your machine understands. Thanks to our exclusive partnership with Reuters it is the only service to include award-winning, trusted Reuters News and numerous other third-party sources, including global exchange feeds. It combines news coverage of company filings, M&A announcements, earning releases, broker recommendation changes, scheduled and non-scheduled events across 45,000+ public and private companies in real-time. Supercharged by our leading metadata, ML and natural language processing (NLP) capabilities, it includes sophisticated analytics (e.g., novelty, relevance, significance, etc,) for every article, to ensure you can conduct your market surveillance activities with confidence.

When combined with LSEG Tick History data our historical news archives are empowered to provide a more comprehensive view of the markets. The LSEG Tick History dataset is normalised, and contains global intraday time and sales, quotes and market depth dating back to January 1996. It contains in excess of 45PB of data covering both over-the-counter (OTC) and exchange-traded instruments from over 500 exchanges and third-party contributors. LSEG Tick History – PCAP captures granular, raw exchange data, that's nanosecond timestamped, for complete sets of lossless, top-of-book and full-depth data (Levels 1, 2 and 3). It is available in both raw and normalised formats. Our historical news analytics scores, with millisecond time stamps, dates back to 2003. Our datasets are complemented with RIC identifiers and PermID tags to make data easy to map and inter-operable.

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Key use cases

Identifying market-moving events

Correlating tick history and market data allows you to identify news events that have a significant impact on market movements, enabling you to uncover potential malfeasance.

Ensuring compliance

Better understand the relationship between news data and market movement to develop resilient compliance strategies by identifying potential conflicts of interest.

Analysing news

Discover which companies are mentioned in the news more often, whether they're discussed positively or negatively, which firms are talked about together, and other company trends and patterns. Leveraging this alongside market data, you can uncover potential risks.

Managing risk

By receiving notifications when certain events occur, such as stock price changes, or when a certain company is mentioned, you can connect these events with relevant market data to detect patterns and better understand the relationship between news and trading activities.

Proactively detect and manage market abuse activities driven by non-public information

Challenge	How we can help	Benefits
– Firms are monitoring trading on more markets than ever before, requiring visibility across multiple venues and asset classes with a pool of data that is growing at an exponential rate. Regulatory authorities continue to raise the stakes making it critical to have systematic controls and robust surveillance procedures in place – Compliance departments need to correlate news events with trading activities or trading behaviours of individuals to enable proactive detection, escalation and management of market abuse activities	– LSEG's Machine Readable News can help compliance teams to identify highly relevant news events and reduce the noise in their investigations – Exhaustive and leading metadata and analytics enable seamless integration of news into surveillance systems to support effective event detection, including, for example, viewing news headlines/stories associated with such events – Accurate, timestamped, point-in-time data helps you understand if any suspicious trading happened with information not publicly available – Exhaustive coverage across industries, asset classes, countries, commodities and energy markets, geopolitical and economic news, including exclusive access to trusted Reuters news	**LSEG's Machine Readable News allows compliance teams to:** – quickly identify important security and market-moving news items and compare those with the firm's trading activity, especially those made prior to events and announcements – easily integrate LSEG Tick data with LSEG Machine Readable News to uncover potential insider trading activity and/or further investigate suspicious trading behaviours – determine if any trading entities are getting any negative media mention to help assess reputational risk

What you get with our market surveillance offerings

Timely Machine Readable News: Powered by Reuters News and third-party sources, Machine Readable News delivers a feed that is normalised, integrated, tagged and further enriched.

Quality Tick History data: Implement Tick History or Tick History – PCAP data to provide superior quality historical data, either raw or normalised, to fuel market surveillance software.

Trusted reference data: Engage with reference data, regulatory data and more, all supported by our symbology, to make data links fast and easy.

Deep partnerships: Gain access to our global customer base, plus a suite of tools to grow your business with. We have more than 2,000 partners around the world, including b-next, Nasdaq, Nice Actimize, AfterData, SteelEye and eflow, with specialist market surveillance software solutions to deliver data for financial services clients around the world.

Connected data: Use the same data in market surveillance as the firm uses across the rest of the trade lifecycle, ensuring a joined-up approach to investigations and analysis.

Find out more

Machine Readable News

Market Surveillance Data

Tick History

Reference data and pricing services

Our partners

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