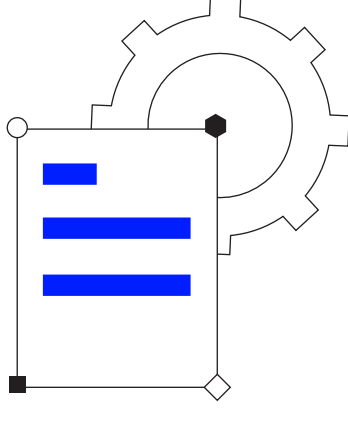
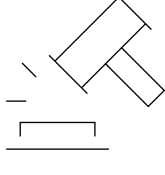


HOW REFINITIV TICK HISTORY EMPOWERS YOUR ENTERPRISE

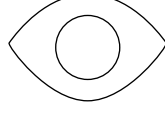


New challenges

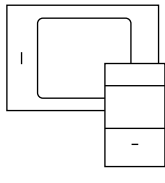
How can you effectively manage compliance requirements in today's fluid regulatory environment, perform quantitative research and analysis or develop and test real-time algorithmic trading strategies in a cost-efficient manner?



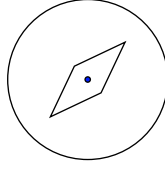
Fluid regulatory environment
(MiFID II, FRTB, MAR, PRIIPS...)



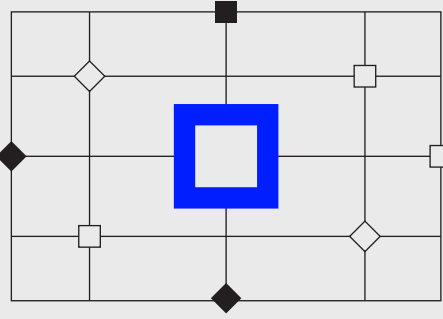
Evolving compliance requirements
(Market surveillance, backtesting...)



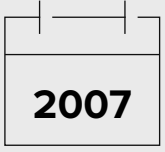
Increasingly electronic markets



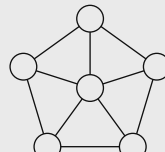
Need to explore new markets to find an edge



New data requirements



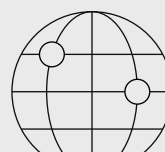
FRTB
Banks are required to look back at a period that covers the global financial crisis



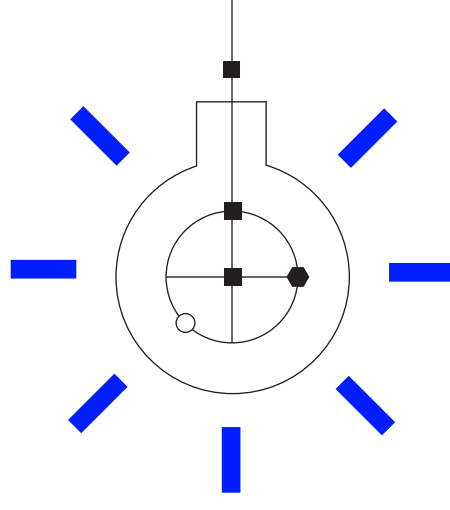
MiFID II: European venues
Including new APAs and MTFs, and third-party data for MiFID II obligations



Market depth
Order book data for electronic trading signals (includes level 2 and level 3 data)



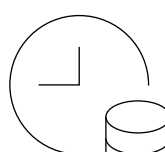
Exploring new markets
Global data that includes emerging markets, OTC and third-party data



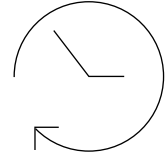
What Refinitiv Tick History offers you



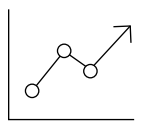
Market depth
Order book data for 118 venues



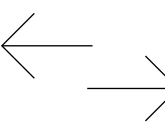
Over 20 years of tick data
Coverage going back as far as 1996, with access to over 9PB of historical data, drawn from Refinitiv Elektron Real Time



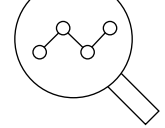
End of day data



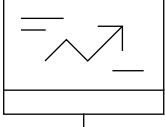
Summarisation options
(e.g., minute bars)



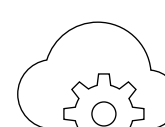
OTC and exchange-traded instruments
From more than 500 venues and third-party contributors



Covers all asset classes
(Equities, fixed income, foreign exchange and money markets, futures, options...)



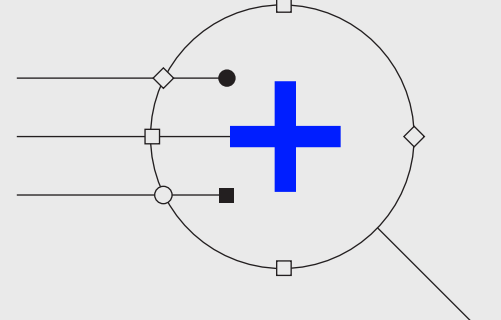
User-friendly Web user interface



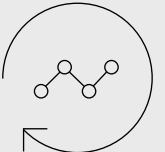
REST API
For application consumption, including into the cloud, provides faster delivery for improved performance, efficiency and scalability



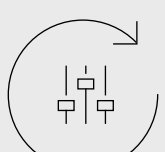
Google BigQuery
Access Tick History via Google Cloud Platform and query the data directly from the cloud using the BigQuery engine



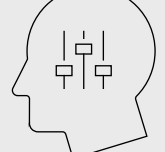
What this means for you



Helps you perform quantitative research and analytics



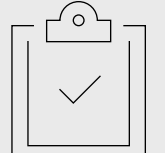
Enables you to test real-time algo trading strategies



Build and backtest trading strategies



Enables post-trade TCA



Gives you the data you need to fulfill your regulatory obligations

Learn more at refinitiv.com