

## Experience the Next Level

### Retail Brokers

BMLL provides Retail Brokers access to historical Level 3 Data and Analytics required to understand the order books of the securities their clients trade. Using BMLL data, Retail Brokers can effectively quote prices, provide liquidity, and detect unexpected model behaviours.

### HOW BMLL DATA WORKS FOR RETAIL BROKERS

#### Best Execution / Cost of Trade

- A consolidated market view enables broader liquidity insights across multiple venues
- Event-by-event order book data with up to nanosecond precision allows Retail Brokers to determine the Best Bid Offer accurately at the point of execution and routing
- This allows Retail Brokers to provide competitive pricing to their customers and calculate any cost of trade

#### Risk

- Order book level data enables Retail Brokers to measure liquidity beyond the top of book
- Normalised trade type and market state information allows users to define addressable liquidity when assessing hedging models easily
- Precomputed Level 3 metrics enable users to analyse risk in the context of trends, correlations and available liquidity

#### Compliance and surveillance

- Level 3 order book event updates allow Retail Brokers to easily identify market abuse
- The BMLL 'original\_order\_id' normalised field allows users to track an individual order through its lifetime, including when modifications occur.
- Detailed public market data allows Retail Brokers to compute key compliance metrics and benchmarks.
- Granular data allows Retail Brokers to monitor users' activities and prove regulatory compliance

### BMLL DATA COVERAGE

BMLL harmonises data from global exchanges, covering ETFs, Equities and Futures.

**Venues** – 75+ trading venues, ranging from Primary venues, MTF's and RFQs

**Asset Class** – ETFs, Equities and Futures

**Geography** – Global coverage across all major developed markets

### 3 DELIVERY METHODS TO SUIT YOUR NEEDS

#### BMLL | Data Lab

##### Scalable Python research sandbox

- Direct access to a harmonised data warehouse delivers actionable insight and alpha
- Delivered via fully customisable JupyterLab Python environment
- Scalable platform reduces client's time to insight by 95% (versus an on-premise system)

#### BMLL | Data Feed

##### API & FTP delivery of the data

- Data and analytics derived from Level 3 historical orderbooks fed from the BMLL Data Lab
- Delivered directly to client production systems to inform better decisions
- Clients focus on the decision making not the feature engineering

#### BMLL | Vantage

##### No-code data visualisation tool

- Easily access the most granular Level 3 order book data and analytics, covering Equities and ETFs, without the need to code
- Powerful visualisations and chart tooling provides fully flexible insights
- Collaborative functionality enables analysis to be easily shared and exported

