

BMLL LEVEL 2 DATA

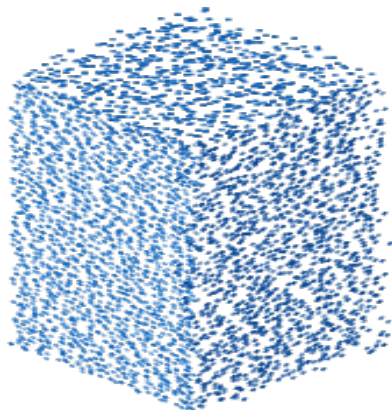
BMLL is the leading independent provider of historic Level 3 Data. It provides Capital Markets participants with immediate and flexible access to granular order book data and advanced pre and post-trade analytics. BMLL delivers a long history of order book data across global Equities, Futures and ETFs, for accelerated research and optimised trading strategies.

T+1 Level 2 Market by Price data, 10 levels deep, up to 7 years of history from BMLL is suitable for a wide range of use cases, including Best Execution, TCA, Compliance, Surveillance, Back Testing, Research and Analytics.

CHOOSING LEVEL 2 DATA FROM THE HISTORICAL LEVEL 3 DATA SPECIALIST

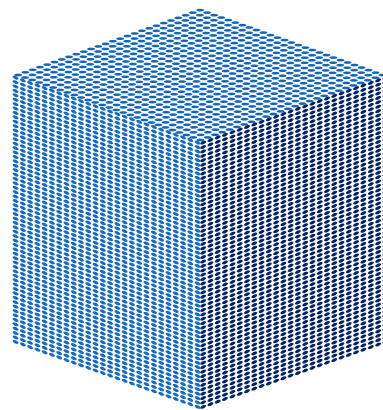
Level 2 Data provides deep market insights, including aggregated volumes and an increased number of price levels. BMLL Level 2 Data is derived from BMLL Level 3 Data. As the T+1 Level 3 Data provider, BMLL has industry-leading normalisation and harmonisation processes. Traders, quants and researchers gain the cleanest order book data available anywhere in capital markets.

WE'VE DONE THE DATA ENGINEERING SO YOU DON'T HAVE TO



STANDARD INDUSTRY LEVEL 2 DATA

- Standard normalisation layer strips out vital information from rich data sets
- Standard Level 2 data parsers are unable to handle every edge-case and rate event across each venue
- Lack of packet capture data or single harmonised data schema across all venues and asset classes results in information loss

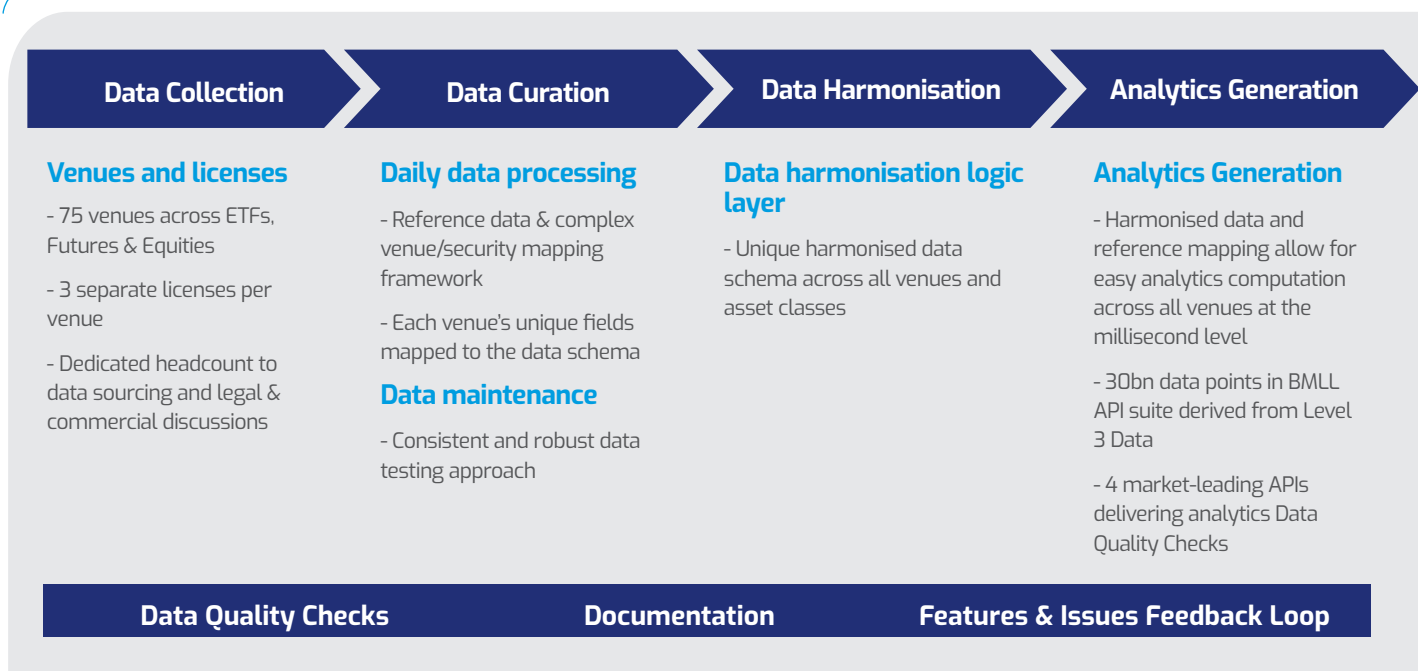


- 75+ venues across Equities, ETFs & Futures
- No need for additional licences – 10 price levels. Detailed auction data
- Derived from PCAP data, all data collected from venues is harmonised

BMLL HARMONISED LEVEL 2 DATA

- Every message at nanosecond precision timestamp
- Production quality data parsers handle every edge-case and rare event across each venue
- Every unique field from each venue without information loss from packet capture data
- BMLL continuously improves the quality of its data. New features are added as required

THE BMLL FULLY MANAGED DATA COLLECTION AND CURATION PROCESS



BMLL DATA QUALITY

- BMLL continuously improves the quality of its data. New features are added as required.
- BMLL data includes granularity of trade prices. In addition to the Level 2 prices (10 levels), detailed auction trade data is also included, for example, the type of auction, indicative uncrossing prices and imbalance.
- Normalised market state information, BMLL granular trade classification and detailed auction data deliver more value for backtesting, TCA & compliance

CURATION AND HARMONISATION

- BMLL fully manages data collection and curation. A single harmonised data schema across all venues and asset classes contains every unique field from each venue without information loss.

BMLL MARKET DATA COVERAGE

Comprehensive Harmonised T+1 Data Coverage across Regions, History and Asset Classes

Europe	North America	Asia	Global
Equities and ETFs	Equities and ETFs	Equities and ETFs	Futures

DATA SAMPLES AND TRIALS AVAILABLE VIA FILE TRANSFER, APIs, OR CLOUD ACCESSIBILITY FROM BMLL OR A BMLL GLOBAL DATA DISTRIBUTION PARTNER