



A7[®] Analytics Platform

Cloud-based access to Eurex, Xetra, EEX and CME Group data for advanced analytics

- The A7 Analytics online platform offers the unique combination of Eurex, Xetra EEX and CME Group data within an easy-to-use framework
- A7 gives ad-hoc access to advanced analytics based on most granular market data
- A7 provides cost efficient and scalable solutions reducing the development cycles in order to focus on true value add
- The A7 platform can be used to maximize trading efficiency, improve alpha generation, and for developing and back-testing execution algorithms

Key Benefits

- Direct access to order-by-order historical and intraday market data in nanoseconds granularity without the burden of data warehousing, transferring or pre-processing
- Unique offering of a wide range of market data in combination with scalable computational resources and an analytics tool box developed by market experts
- Users can quickly grasp market situations using the summary functionality and easily drill down into the market microstructure

Features

- Flexible visualization of the order book and adjunct measures
- Generates insights from tailored metrics based on full depth order books, market data messages, reference data and other individual sources
- Incorporates customized metrics and signals into existing frameworks via high speed API's for a

number of programming languages (C++, Java, C#, Python, R and others)

Use cases

- Cross-security dependency analysis
- Trading signal analysis
- Research, development and back testing of execution algorithms
- Liquidity and trading potential analysis

Data Details

- Un-normalized order-by-order market data for Eurex, Xetra, EEX and CME Group
- Coverage of all Eurex, Xetra and EEX traded instruments
- CME Group data includes all major asset classes from the Chicago Board of Trade (CBOT), the Chicago Mercantile Exchange (CME), the Commodity Exchange (COMEX) and the New York Mercantile Exchange (NYMEX). History goes back to 2017
- CME Group data is available on a T+1 basis

- Eurex and Xetra data is available as of April 2019 and intraday
- EEX data is available as of November 2020 and intraday
- Access to the A7® Analytics platform via a browser-based frontend. Data and analytics can be retrieved via API.
- The new data sets from CME Group will be available in June 2022

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