



A7[®] Analytics Platform

Cloud-based access to most granular intraday and historical market data

- The A7 Analytics online platform offers the unique combination of co-location quality Eurex, Xetra and EEX data and computational power 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 market data in nanoseconds granularity without the burden of data warehousing, transferring or pre-processing
- Unique offering of granular market data in combination with scalable computational resources and 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

- Un-normalized order-by-order market data for Eurex, Xetra and EEX
- 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

- The most granular market data Deutsche Börse Group provides is available intraday as well as historically starting from April 2019 for Eurex and Xetra and November 2020 for EEX
- Covers all Eurex, Xetra and EEX traded instruments

analytics@deutsche-boerse.com

a7.deutsche-boerse.com

www.mds.deutsche-boerse.com