Xetra® Real-time Analytics

Xetra data feeds expanded with exclusive order book analytics

Deutsche Börse is enhancing its Xetra information products with exclusive analytics based predominantly on unpublished Xetra order book data. The new information can be used by market makers, algo traders, investors, smart order routing applications, analysts and risk managers to evaluate market conditions and trends.

Data universe

- The analytics are calculated for the index constituents of the DAX®, MDAX®, TecDAX® and SDAX® indices (160 instruments in total)
- In addition, up/down indicators are provided for the DAX, MDAX, TecDAX and SDAX indices
- Only selected order types are included in the calculation, analytics are updated in different time intervals (real-time, per second, every 5 seconds and every 60 seconds)
- The information is derived from Xetra order book data and trade time series
- The analytics calculation only occurs during continuous trading
- Order and trade information is anonymised and aggregated

Technical information

- The data will be provided within the information products Spot Market Germany and Xetra ultra
- Spot Market Germany is disseminated via CEF® Core and data vendors
- Xetra ultra is distributed via CEF ultra+ Xetra and data vendors

Example analytics

Initially, more than 40 analytics will be calculated. The following list illustrates the range of analytics.

- Number of arrived orders: number of orders arriving over the last 30 seconds on instrument level
- Number of cancelled orders: number of cancelled orders over the last 30 seconds on instrument level
- VWAP of agent trades: sliding volume-weighted average price (VWAP) for a 600 second interval for all agent trades of an instrument
- Average duration of orders: measures how long orders of the passive side of all trades over the last 300 seconds remained in the order book
- Number of buy-triggered trades: measures the number of buy-triggered trades per instrument over the last 30 seconds
- Volatility of arrived order quantity: measures the volatility of arrived order quantity over the last 30 days on instrument level

A full list of Xetra Real-time Analytics including calculation details and examples is available on request.

Contact

Market Data + Services/Content
+49-(0) 69-2 11-1 34 40 (Frankfurt)
+44-20-78 62-72 23 (London)
+1-312-5 44-10 95 (Chicago)
+65-8282-5659 (Singapore)
mds.frontoffice@deutsche-boerse.com
www.deutsche-boerse.com/mds_e

March 2014