

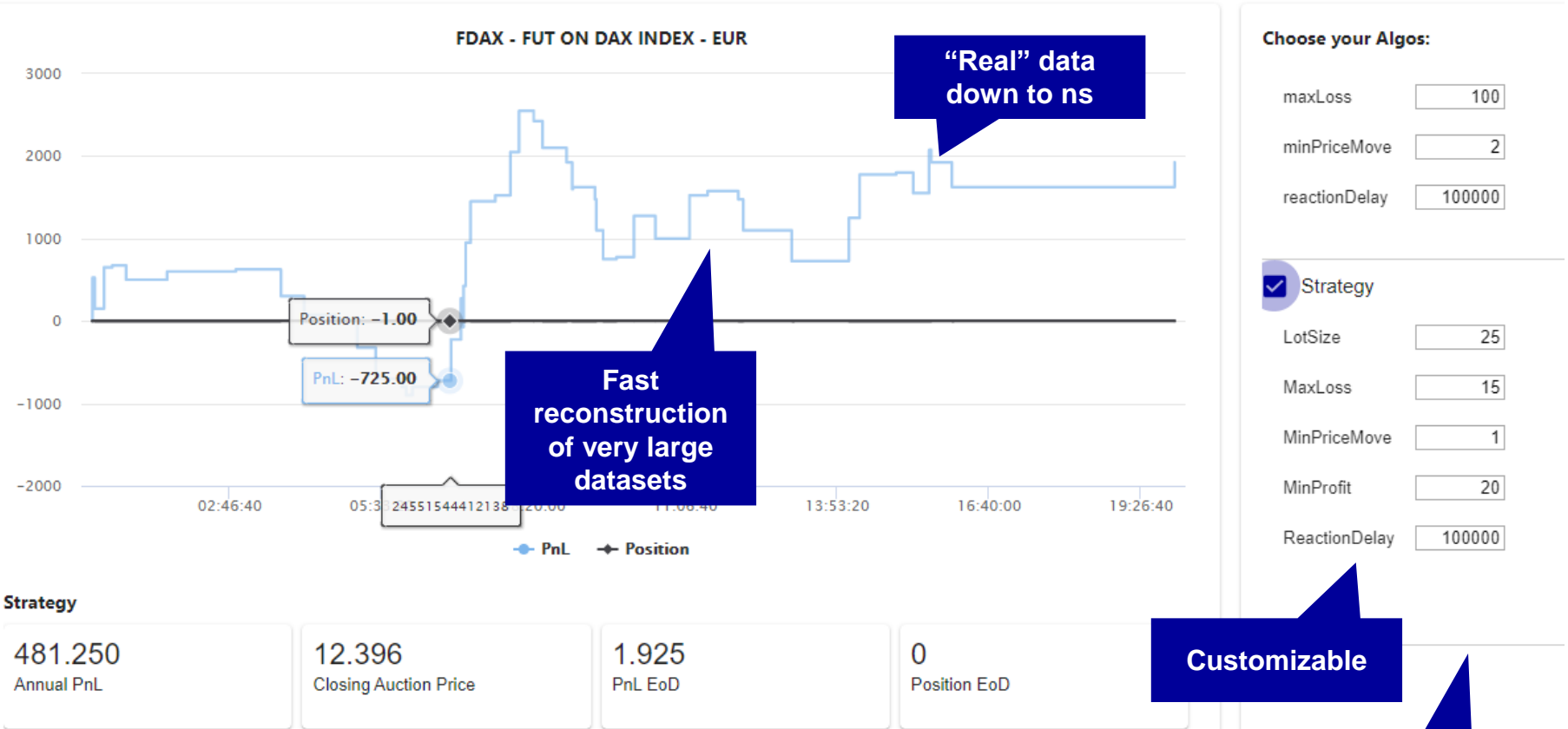
A7 Analytics Platform

Advanced Analytics tailored to the needs of our clients

26th September 2019



Core benefits of A7 Analytics Plattform



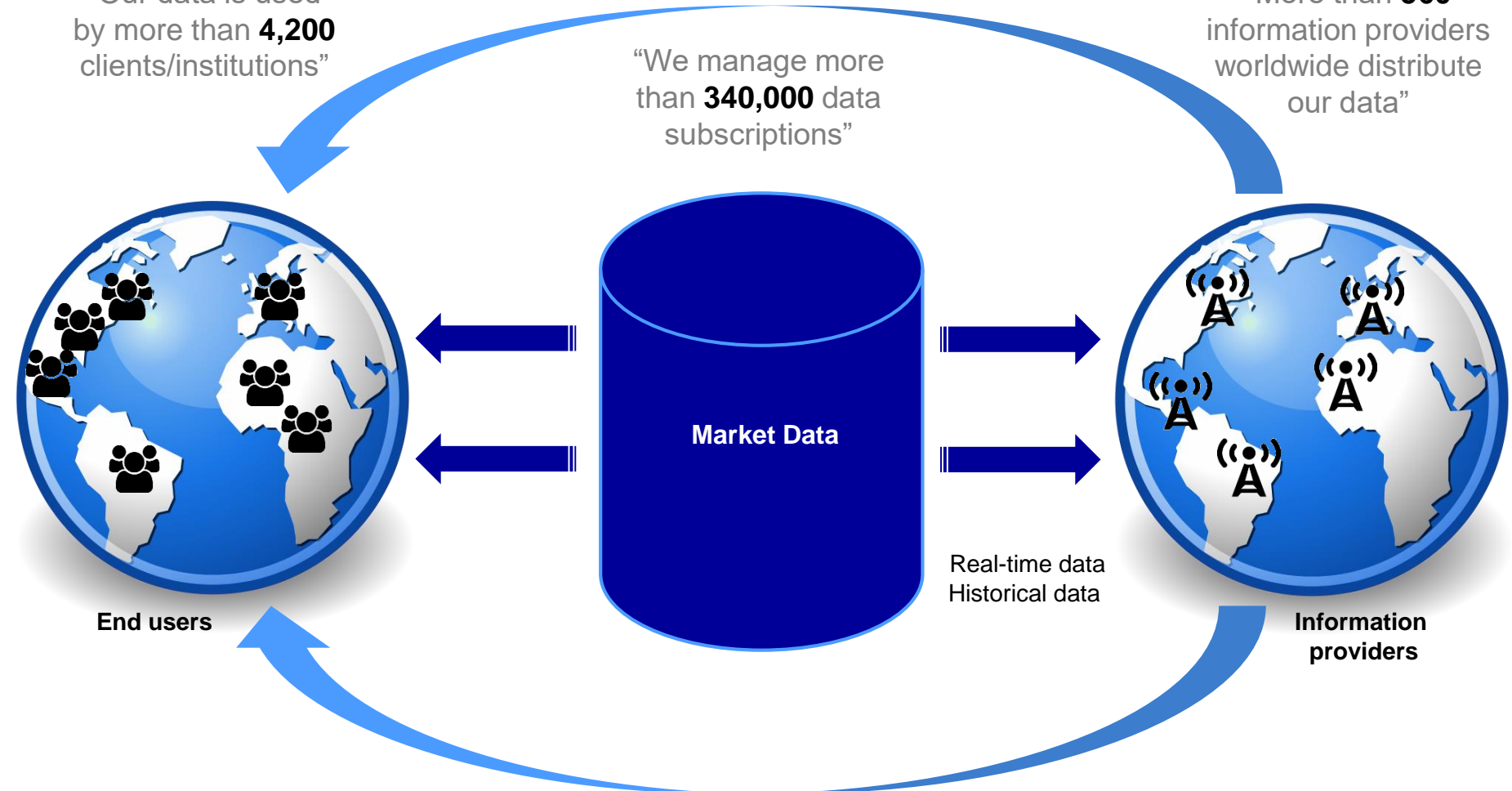
Data Services

Powering markets with data and analytics

“Our data is used by more than **4,200** clients/institutions”

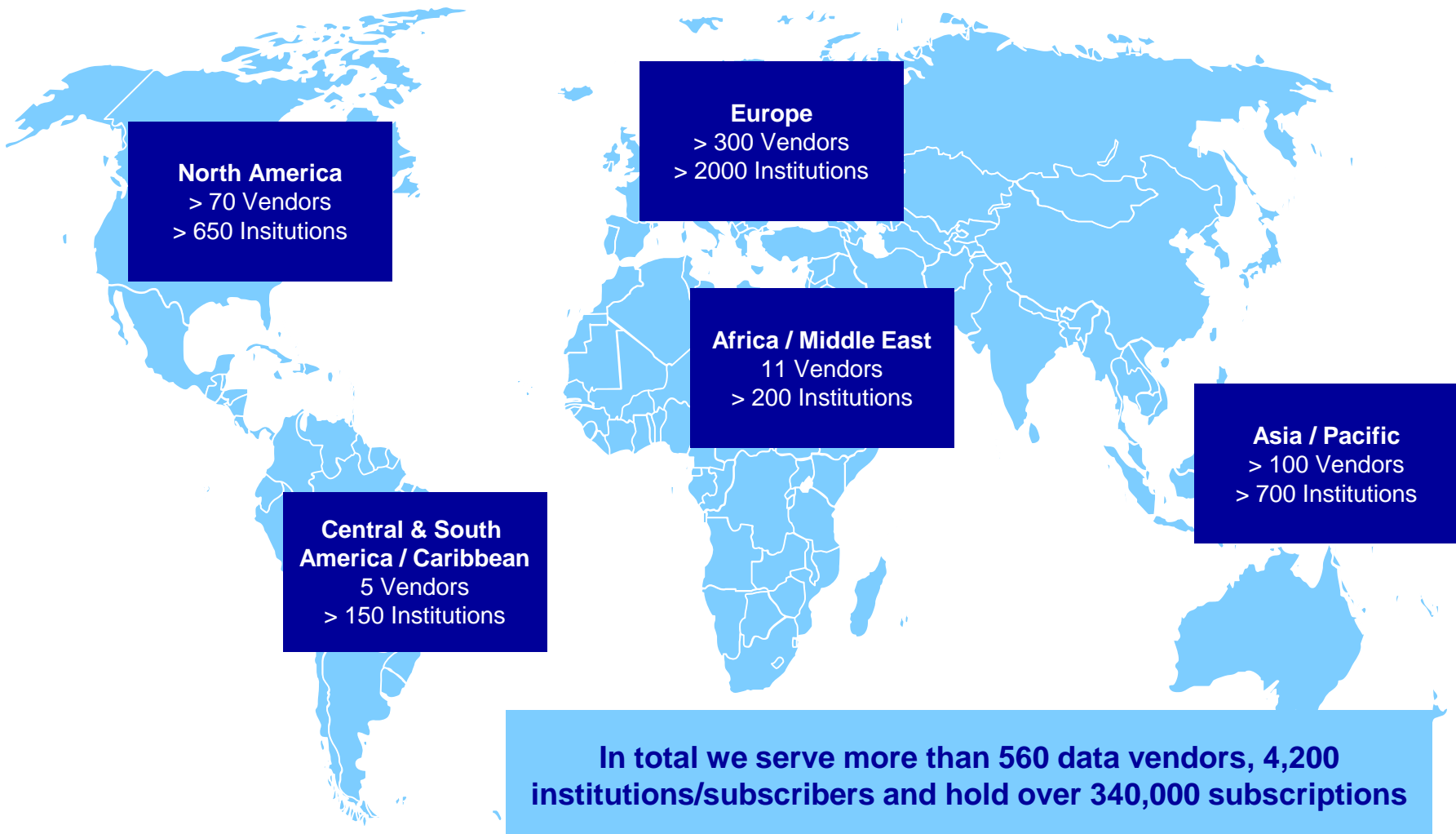
“We manage more than **340,000** data subscriptions”

“More than **560** information providers worldwide distribute our data”



Data Services

Serving clients across the globe



Data Services

Product families tailored to the needs of our clients

Market Data Feeds

Fast reaction to trading signals*



Analytics Platform

Insight into market sentiment and structure

HIGH QUALITY



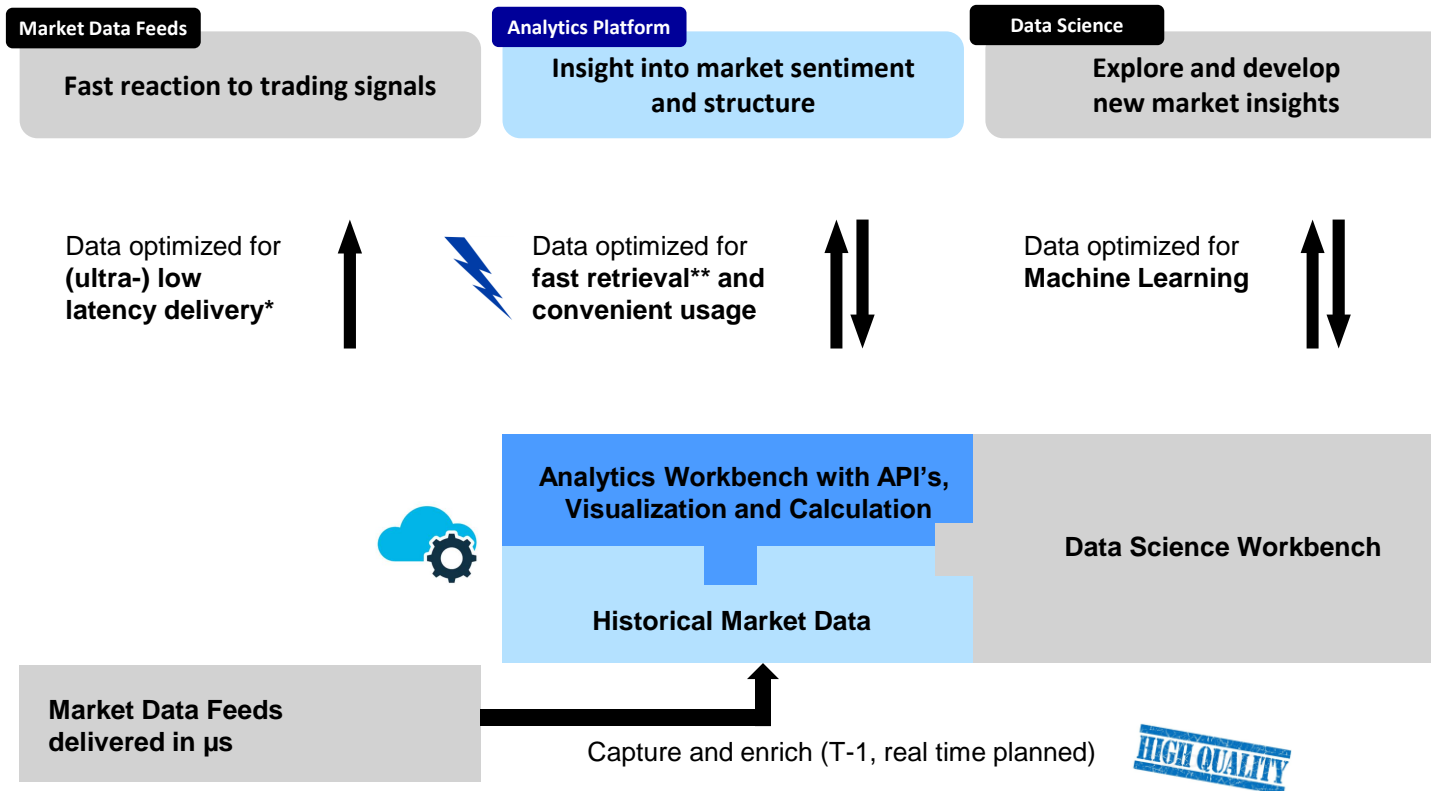
Data Science

Explore and develop new market insights



* For a complete list please refer to our website.

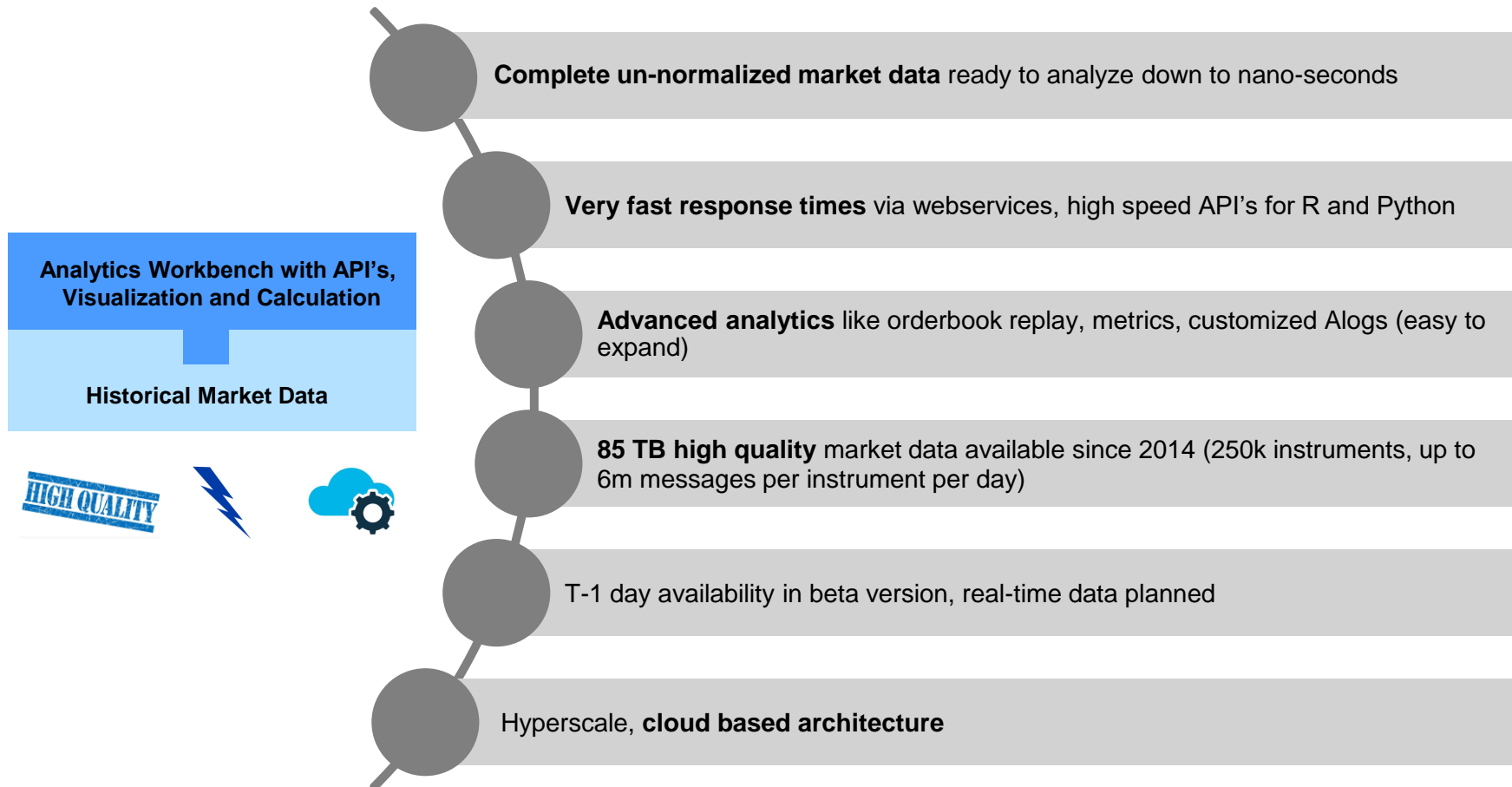
The Analytics Platform is based on market data and optimized for easy integration and usage



*E.g. 80 µs for FESX trades level 1, 13th June 2019

**E.g. 250 ms for FESX trades level 1, 4th April 2019

Our Analytics Platform offers comprehensive features



Live demo orderbook replay

Level 5 ▾

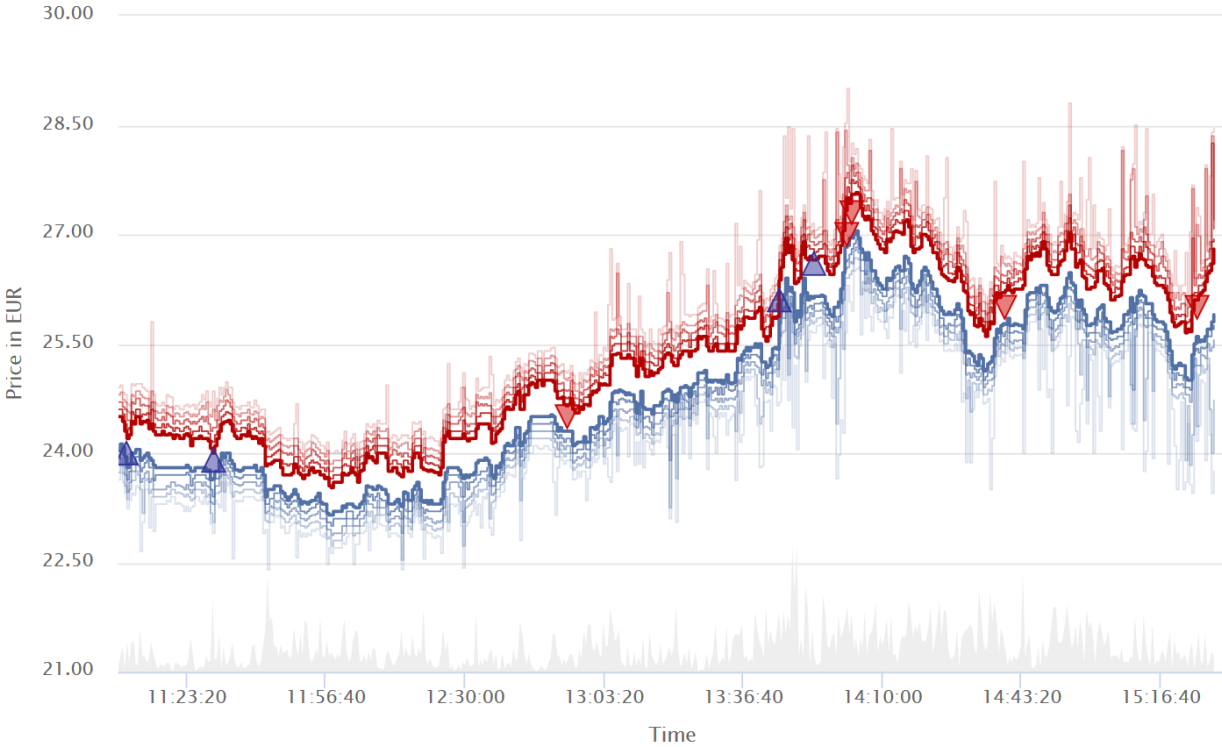
11:07:08.000000000

ZOOM IN

ZOOM OUT

OESX SI 20190621 CS EU C 3500 0

DE000C8F1734



Order book as of 2019-04-04

14:50:43.105809416

QUANTITY	#	BID	ASK	#	QUANTITY
240	1	25.90	26.40	5	761
736	5	25.80	26.50	3	261
250	1	25.70	26.60	2	457
293	2	25.60	26.70	1	500
488	3	25.50	26.80	2	281

SHOW FULL ORDER BOOK

Live demo API / Excel analysis based on orderbook metrics



Analytics Platform

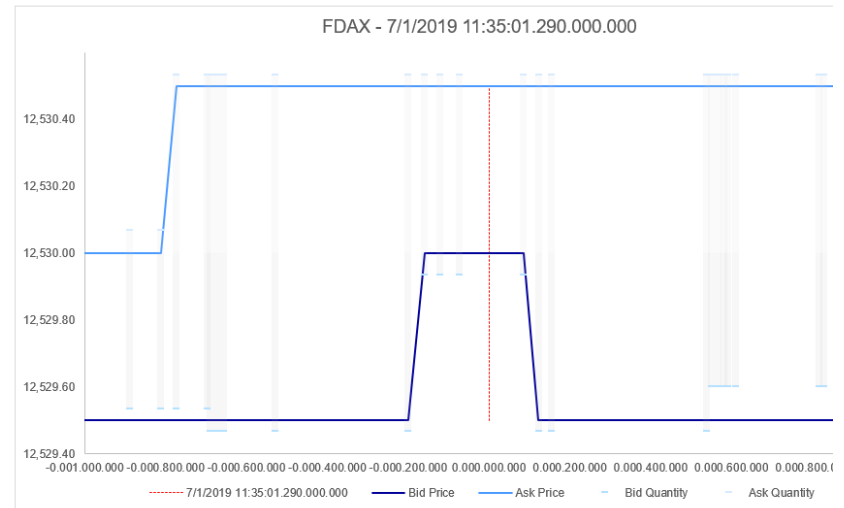
Product: FDAX
SecurityID: 3680952

Date: 07/01/2019



Time	Nanoseconds	Bid Quantity	Bid Price	Ask Price	Ask Quantity
00:15:15	257.475.083	1	12,476.50	12,480.00	1
00:15:51	016.649.910	2	12,481.00	12,484.00	1
00:16:33	979.418.535	3	12,484.50	12,487.50	1
00:17:17	360.642.162	2	12,479.00	12,481.00	2
00:18:00	310.007.992	3	12,475.50	12,477.00	4
00:18:43	592.639.049	2	12,477.50	12,479.50	3
00:19:26	732.223.540	5	12,484.00	12,485.00	3
00:20:10	053.721.063	3	12,484.00	12,485.50	4

Time: 11:35:01
Nanoseconds: 290.000.000
Range: 0.001.000.000
Quantity: TRUE

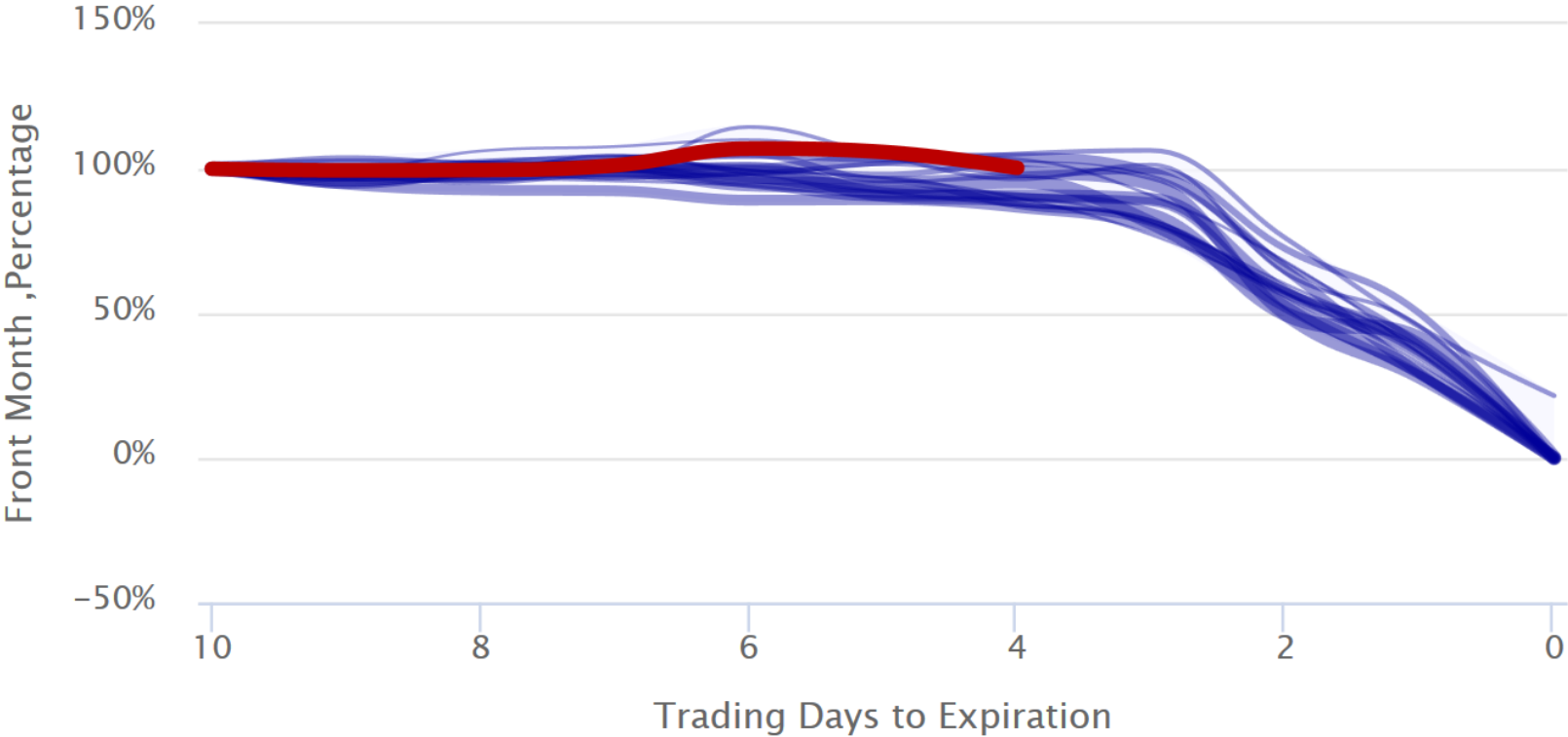


Time	Nanoseconds	Bid Quantity	Bid Price	Ask Price	Ask Quantity	Print	-Bid Qnt	Ask Q
11:35:00	290.000.000	6	12,529.50	12,530.00	6	-1.000.000.000	-6	
11:35:00	453.472.333	7	12,529.50	12,530.00	7	-0.836.527.667	-7	
11:35:00	462.635.350	7	12,529.50	12,530.00	7	-0.827.364.650	-7	
11:35:00	476.817.645	7	12,529.50	12,530.00	7	-0.813.182.355	-7	
11:35:00	477.970.890	7	12,529.50	12,530.00	7	-0.812.029.110	-7	
11:35:00	484.512.019	7	12,529.50	12,530.00	7	-0.805.487.981	-7	
11:35:00	491.181.912	7	12,529.50	12,530.00	7	-0.798.818.088	-7	
11:35:00	491.279.633	7	12,529.50	12,530.00	7	-0.798.720.367	-7	

Live demo pace of roll

Pace Of The Roll

FESX – FUT ON EURO STOXX 50 – EUR



More to come: substantial developments planned for our A7 Analytics Platform over the next years

2020

- **A7 Platform available for public use via GUI or high fast APIs**

- **Real time market data feed integrated in platform**

- **Comprehensive simulation environment and customized metrics**

- **Integration of external data sets**

Expected benefits

- **Build ecosystem around market data and advanced analytics**
- **Insights with highest quality based on complete and un-normalized market data**
- **Grow capabilities to analyze and enrich our market data**

“Real” data down to nano seconds

HIGH QUALITY

Fast reconstruction of very large datasets



Easy to use and integrate via API



Thank you for your attention.

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