

Broadening the spectrum of liquidity discovery

Superior market data management

Vhayu Velocity Order Book Analyzer is a scalable, strategic solution that makes it easier to identify cross-market opportunities by improving the way financial institutions manage market data.

Velocity Order Book Analyzer:

- Can be extended to any instrument in any asset class without the need for additional market data capacity
- Supports virtual order books in aggregated or un-aggregated views from any feed, be it direct, consolidated or a third party
- Stores synthetic instruments
- Maintains a list of instruments from any asset class and consolidates data across multiple venues
- Includes a market data map to simplify ongoing maintenance
- Builds a consolidated pre- and post-trade view with a synthetic symbol code
- Maintains an inventory based on instrument adds and drops, corporate actions and symbol changes

When it comes to trading, speed is everything. And, with more choices than ever on where to trade and rapidly increasing market data volumes, today's broker dealers need trading infrastructures that can determine the best price, faster.

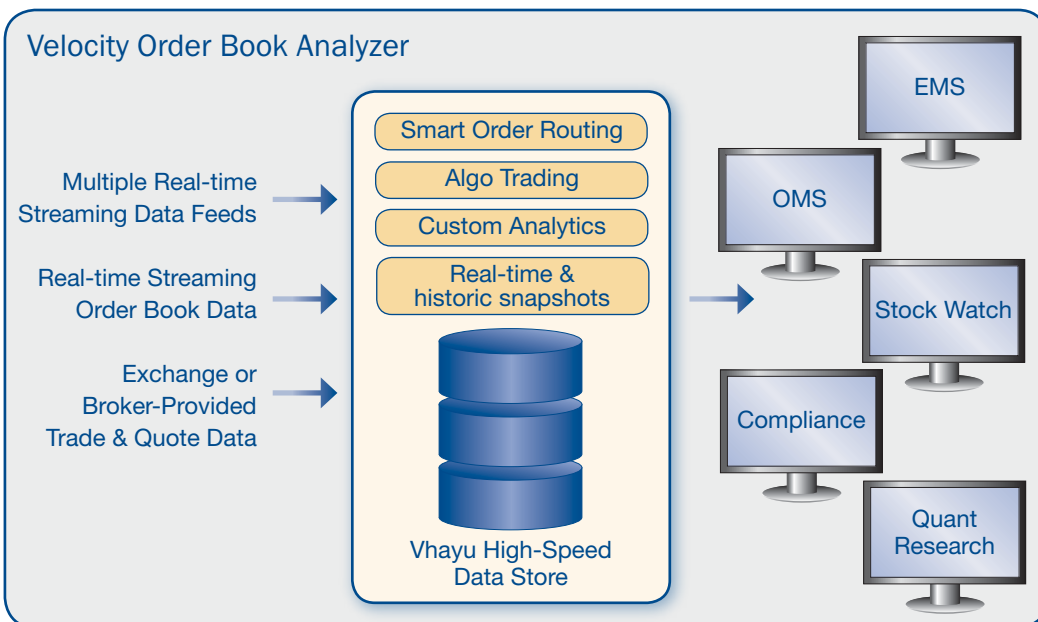
New regulatory pressures, for example, Reg NMS in the U.S. and MiFID in Europe, have dramatically changed the way today's markets work. Quote and trade data have become fragmented. The emergence of Electronic Communication Networks and Multilateral Trading Facilities has created liquidity pools and lowered the total cost per trade, intensifying competition.

To achieve compliance and thrive in this new environment, the ability to capture, analyze and store entire order books in real-time is vital. Today's brokers don't simply have to make sure they trade at the best venues. They must also perform complex pre- and post-trade analyses, devise new order routing strategies and create customized analytics to examine historical patterns in order books. To achieve this, they must process and store hundreds of gigabytes of tick data on a daily basis.

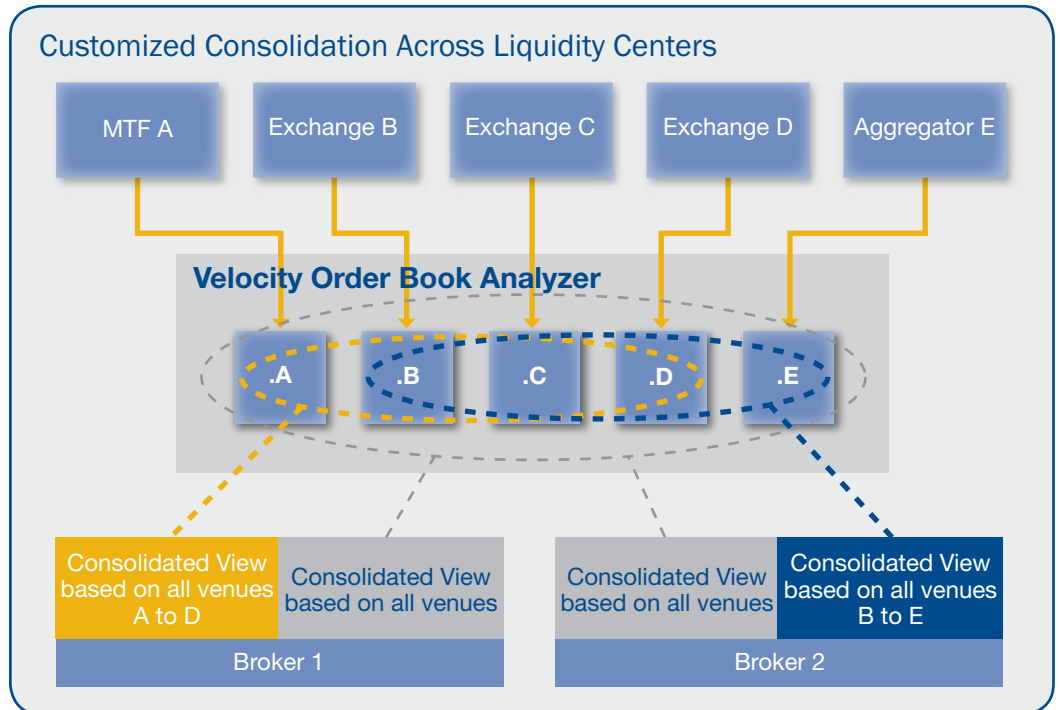
Making market data simple

Vhayu Velocity Order Book Analyzer provides the speed and data management capabilities brokers need. It delivers cross-market price visibility and liquidity in a single display. Order book data for any instrument is captured across multiple markets from a single or several feeds. This data is consolidated and republished in various forms to create a virtual order book view under a single data record.

Velocity Order Book Analyzer also helps financial institutions access archived data quickly. This makes it easier for financial institutions to comply with MiFID regulations around data storage and helps establish more efficient processes for query resolution, auditing and financial reporting.



Velocity Order Book Analyzer



Benefits

- Improved Order Routing – Order Book Analyzer supports embedded custom liquidity analytics for more efficient order routing
- Deeper market perspective – Order Book Analyzer captures every update in the market, combining real-time data with intra-day data so that users can view the entire depth of the market at any time
- Increased transparency – Order Book Analyzer gives complete view across all market data. This ensures transparency, making it easier for brokers to achieve best execution and comply with current and pending regulations
- Improved responsiveness – Examining order book data, traders and analysts can establish a clear idea of the way the market is acting and reacting, making it easier to be responsive
- Enhanced analytical capabilities – Historical order book data can be used for back testing and strategy development. The solution also provides greater granularity of data, making it easier for users to perform precise analytics
- Regulatory Compliance

Features

- Can query over one Terabyte of intraday data in seconds
- Supports all North American and European exchanges
- Supports multiple asset classes including equities, fixed income and futures
- Publishes snapshots and updates through Vhayu EventStream™ interface
- Integrates new data sources quickly using feed handler SDK
- Combines view of Level 1 best bid/ask combination
- Provides multiple views using APIs for C# and Java
- Includes message bus adapters for RMDS and Tibco
- Provides multiple aggregation views
- Defines book views on a per query basis for any interval of time
- Publishes to any third party messaging application
- Applies FX conversion for cross-currency virtual order book construction

Founded in 1998 by former Intel executives, Vhayu Technologies is a provider of real-time software that enables financial institutions to capture, analyze and store enormous amounts of streaming and historical data.

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