aquis technologies

Aquis Market Surveillance

Real time regulatory grade surveillance

Stand-alone market surveillance system providing regulatory grade, real time monitoring and alerts.

Unparalleled real time capability

Processes over 130 million messages in under 6 seconds. Real time alert stream identifies disorderly trading conditions and potential breaches of rules

Market abuse indicators

Derived from complex algorithms and reflecting sophisticated alert logic. All alert parameters are easily adaptable and can be modified in real time

Order book replay & visualisation

Analysts can 'step through' the order book for a single consolidated view of all trading data. Visualisations instantly display the lifecycle of a specific order or trade

Key features

Message lifecycle display
System visualisation instantly displays the lifecycle of a specific order or trade in terms of submission, modification, cancellation and execution

Real time supervision
Alert stream identifies market volatility, disorderly trading conditions, potential breaches of exchange/company rules and specific market abuse scenarios

Management information system
AMS offers powerful reporting tools to generate detailed records of alerts by type and user over a specified timeframe

Multi asset class
Offers a suite of highly customisable alerts, which can be configured to any asset class

Alert parameter calibration
All alert parameters are adaptable and configurable in real time

Sandbox
Allows for re-runs over historical periods
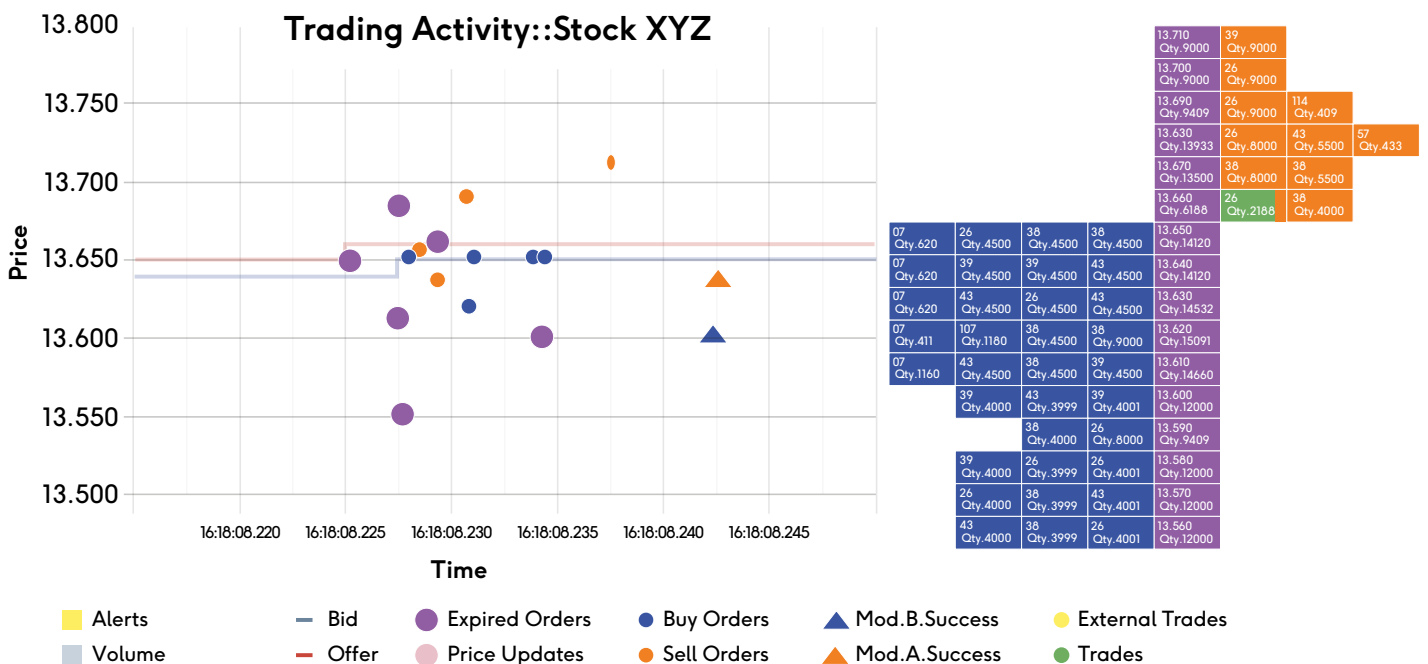
Case management
Information efficiently processed and saved chronologically aiding more detailed investigations

The Aquis Market Surveillance system allows monitoring and real time parameterisation of over 40 alerts, including:

✓ Front Running Alert	✓ Larger than Average Traded Value	✓ Ping Orders	✓ Wash Trade
✓ Layering	✓ Quote Stuffing	✓ Short Sell Regulation	✓ Painting the Tape
✓ Insider Trading	✓ Marking the Close	✓ Prohibited Order Types	✓ Gaming

Timeline and order book graphics

Timeline graphic and order-book replay functionality enables surveillance officers to perform detailed step by step visualisation and analysis of the order book down to microsecond granularity

Trading Activity::Stock XYZ

Legend:
- Alerts
- Volume
- Bid
- Offer
- Expired Orders
- Price Updates
- Buy Orders
- Sell Orders
- Mod.B.Success
- Mod.A.Success
- External Trades
- Trades