

# Panopticon Compliance & Surveillance Analytics

Panopticon offers Compliance & Surveillance Analytics from intra-day and T+1 monitoring to historic investigations across all asset classes and regions in support of the principles under Mifir II / MAD II and Dodd Frank. Usage covers both reactive backwards looking investigations, proactive monitoring, and forward looking proactive risk profiling. In all cases, visual analysis delivered through agile dashboards, allows trading abnormalities to be quickly identified and acted upon. Existing reporting can be enriched with high density visualizations, allowing compliance analysts to quickly assimilate normal trading activity, and more importantly deviations from the norm, by moving them from summaries and tables to visual pattern detection.

Compliance MI use cases range across Market Abuse and Unauthorized Trading. Existing usage within customers is being driven by the impact of regulatory change, and as a consequence implementations are evolving from a trade focus to a trader focus.



**L Trade Surveillance**

Analysis of surveillance alerts, whether spoofing, quote stuffing, wash trades etc in context of the order book. Playback through the trading day; tick by tick. Trading activity, including market health analysis.

**L Alert Consolidation**

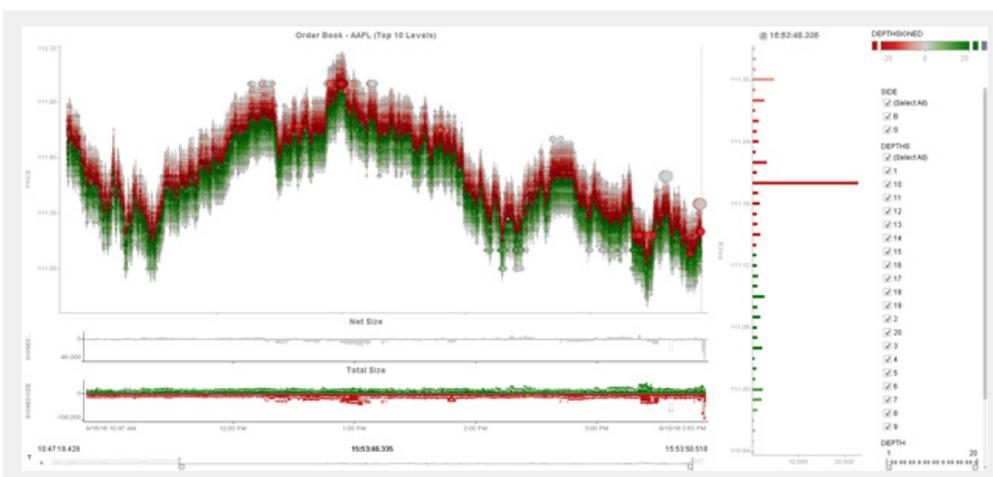
Intra day and historic alert reporting and trend analysis consolidating alerts across traders, regions and asset classes.

**L Holistic Surveillance**

Analysis across alerts generated from both trade surveillance and comms surveillance, correlating the different components of fraudulent behavior, supporting trade reconstruction as outlined in Dodd Frank, critically adding context to existing alerts and producing higher value alerts with more efficient investigation.

**L Behavioral Risk Profiling**

Holistic surveillance of traders together with trading and risk positions, and security alerting. Traders are risk scored, and compared to past performance and their peers. Trader interaction networks are investigated to speed understanding of past activity, and identify behavioral abnormalities.



Typically connecting and leveraging to CEP & Tick history databases

**KEY DATA TECHNOLOGIES:**

