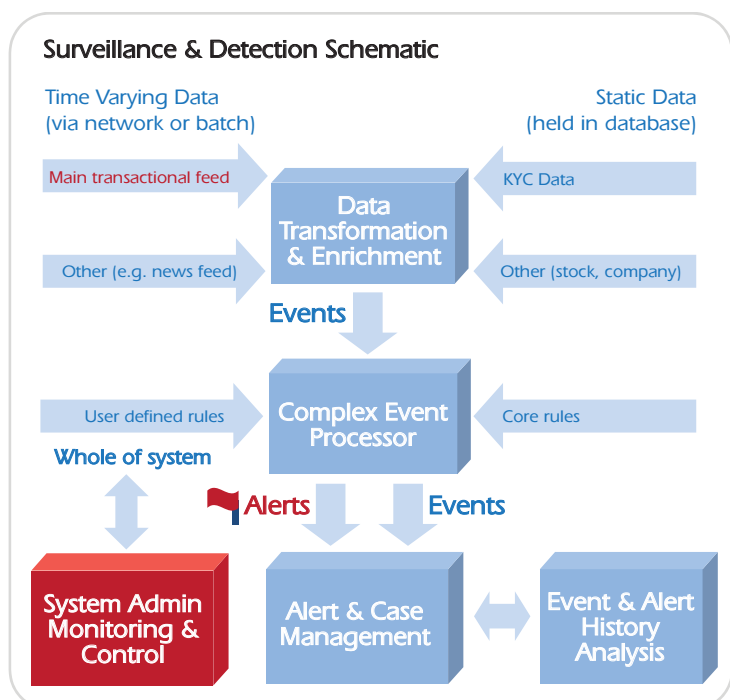




Market Detect is a cost effective, real time data analytics application which can be fully customised to meet the requirements and compliance needs of the most demanding financial institutions. Designed as a powerful tool to help eliminate market abuse and fraud, Market Detect intelligently collects and analyses news feeds and organisational data including agent, trader and client activity information to uncover and present hidden patterns.

Market Detect functions by taking a direct feed of trading and telecommunications data. The data is then passed through Market Detect's state-of-the-art detection engine which monitors trading activity. The user determines the behaviours they wish to be notified of and the system will trigger an "Alert" when the pattern is identified.



## Key Features

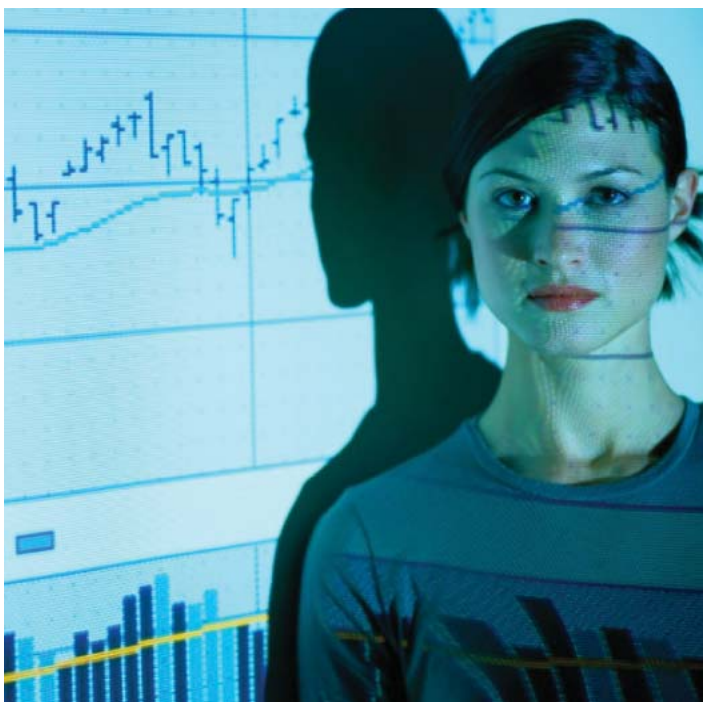
- **Intelligent Transaction Monitoring** - based on behavioural profiling, peer group analysis and rules, uncovering only those alerts with the highest degree of risk, significantly minimising instances of 'false positives'
- **Investigation and Analysis** - easy to use environment for advanced drill down and link analysis uncovering suspicious networks and associations; includes profile investigation such as peer group comparison
- **Fully Featured Alert Engine** - suspicious activity alerts can be sent via email and sms
- **Case Management System** - built-in system tracks, prioritises and manages suspicious cases, automates reporting, and records an audit trail with complete case history and detailed log of all actions taken and reports filed
- **Multiple data feeds** - ability to capture various data feeds including trading data, client databases and telecommunications data
- **System Flexibility** - makes it easy to adjust for business or regulatory change or add new risk areas and rules as needed

Both legal requirements and internal company directives can be implemented in Market Detect and all security transactions are examined for infringements of those laws and directives. This provides a practical approach to implementing MiFID and adopting a central approach to 'Conduct of Business'.

Suspicious transactions are tagged and questionable customers and employees identified. Suspicious or non-compliant transactions can be analysed in detail by compliance teams for online case processing and followed through to case conclusion with each step of the process safely recorded in a secure environment.

Market Detect also enables brokers to conduct their own internal surveillance, independent of external monitoring by the exchange or regulators. This facilitates rapid internal detection of problems, well before regulators identify them. Broker reputation is a constant 'business critical' concern, as investors are driven towards market players with demonstrated long term integrity, as well as brokers who implement effective surveillance technology to protect their integrity. Known scenarios/rules are delivered with the solution and can be modified and enlarged by compliance and/or internal audit.

“ One of the first surveillance systems which can be delivered flexibly on a hosted pay-as-you-go basis or as an on-premise solution implemented onsite. ”



Market Detect includes a number of processes which identify irregular market behaviour including:

- Market Manipulation
- Marking the Close
- Pre-arranged Trading
- Wash Sales
- False and/or Misleading Trading
- Domination and Control
- Insider Trading
- Front Running / Client Precedence
- Order Handling
- Short Selling
- On-market Buybacks
- Large Orders (Substantial Shareholding)
- "Greenshoe" (Market Stabilisation)
- Trading in securities on a Watch list or Restricted List

Any of these behaviours compromise the integrity of the market. Being made aware of them, in real time, improves the quality of your market.

## Key Benefits

- **Significant cost savings with automation** – and improves overall operational efficiency by automating time consuming manual processes
- **Reduced compliance costs** – by implementing a system for alerting exceptional cases requiring personal attention from compliance officers, reducing costs of expensive manual processing
- **Combats internal fraud** – deals and trading behaviour are checked in real time, assuring that no illegal or unwanted transactions pass unnoticed
- **Safe trading for employees and clients** – eliminating the possibility of legal consequences for insider trading; whilst safeguarding reputations
- **Regulatory compliance management** – facilitates companies achieving compliance with MiFID and Market Abuse Directive
- **Fully integrated system** – features including watchlist checking, transaction monitoring, alert generation, case management and reporting