



## Scila Surveillance

Scila Surveillance now offers financial markets, regulators and market participants a seamless route from the detection of market abuse to presentable evidence.

### The next generation market surveillance system

Scila Surveillance is developed by experts in market surveillance and financial technology. Key strengths are short implementation time, low cost of ownership and excellent usability.

Scila Surveillance comes with a rich set of functionality for efficient market surveillance. Of course, there is also room for adaptations to suit your particular market environment. The use of standard and open technologies makes the system easy and cost efficient to deploy, implement and maintain.

The system is capable of handling extreme transaction volumes and can be connected to Cinnober's TRADExpress™ trading platforms. But it can also be connected to any trading engine on the market.

#### Confidence in the market

Confidence is one of the most important assets of any marketplace. Without confidence in the market, investors will choose other alternatives for their investments.

Market Surveillance is a key part in maintaining confidence. The analysts play the most important role, but the tools at their disposal are vital in their hunt for market abusers.

Scila Surveillance is a tool built on many years of experience in market surveillance and systems design. It is based on modern technology and offers you a seamless route from the detection of market abuse to presentable evidence.

Scila Surveillance is developed and maintained by Scila AB, in which Cinnober owns a minority stake. Cinnober has an exclusive distribution agreement for Scila Surveillance.

#### A structured way to view the market

In Scila Surveillance you get a structured view of the market. There are high level market overviews as well as order book views detailing every single order and trade.

External sources of information can be added in order to compare prices on multiple marketplaces and create consolidated order books.

You can choose to monitor these views in real time, or replay and investigate market events from a specific time in the past.

#### Alert portfolio

Scila Surveillance comes with an alert portfolio including alert rules for both possible market abuse and violation of trading rules.

There are alerts for i.e. Ramping and Wash Trading as well as for when market makers don't meet their obligations.

Alert rules are defined either in Java or in the Esper Event Processing Language (Esper EPL). This means that you, with very short notice, can add new alerts without having to learn any proprietary techniques.

#### Report engine

The report engine included in Scila is used to generate or schedule the creation of rich content reports. Reports can be created on any data that is fed into Scila Surveillance, combined and conditioned. They can be scheduled on the server for over night processing or for immediate output.

In addition to the reports that are predefined in the system, you can create your own reports using JasperReports design.

#### Search engine

Even large searches for data are executed within milliseconds thanks to the powerful search engine. The same technology that can be found in search engines used by web portals is used in Scila Surveillance.

## Issue handling

Thanks to the integrated issue handling functionality you can efficiently perform investigations within the system, from alert to referral.

Issues can be assigned to specific operators within the system and you can have links from the issue directly to the relevant market views. You can also import and export documents and files that are used in the investigation.

## Standard and open technologies

Scila Surveillance is straightforward and cost efficient to deploy and maintain since it is based on standard and open technologies. Apart from the operating system that you choose there is no need for expensive third party licenses.

The system is written in Java enabling it to run on any Java compliant platform. Configuration and deployment is done using the Spring framework. The database access is done via Hibernate enabling the system to run on any Hibernate supported database, such as MySQL, Oracle and DB2.

## Customers

Scila Surveillance will be delivered to two markets during 2009; the Nordic multilateral trading facility Burgundy and Hong Kong Mercantile Exchange.

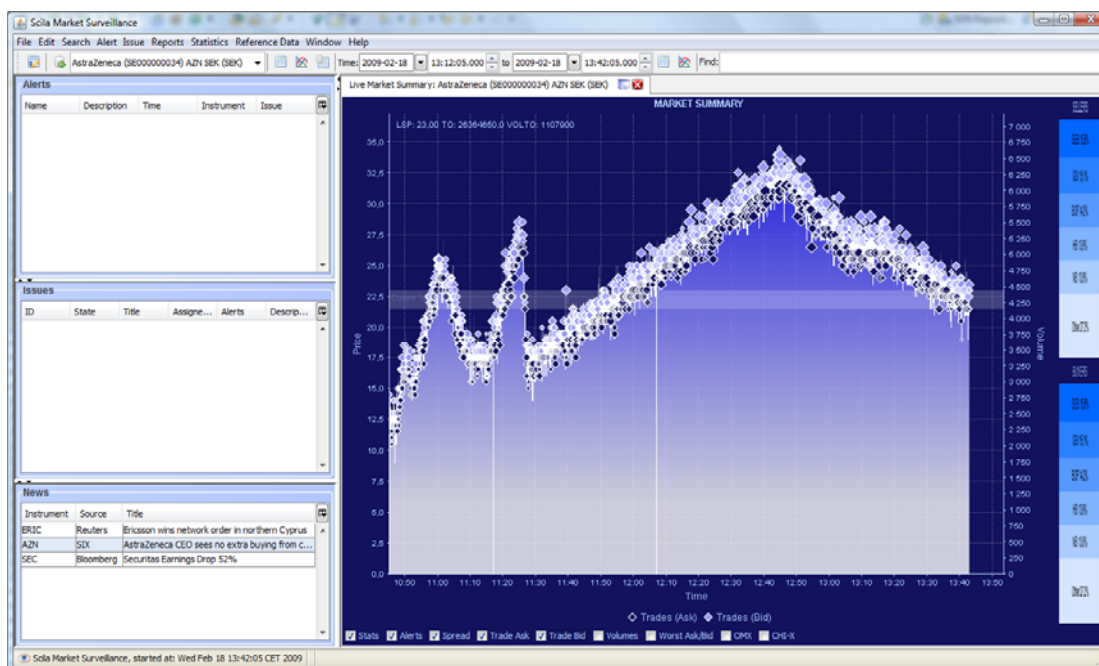
## Scila

Early in 2008, four financial market professionals decided to combine forces on an idea they had each been thinking about separately: to build a competitive trading surveillance system. And they formed Scila AB.

The founders of Scila AB all have a good deal of experience in either the financial IT industry or in senior market surveillance positions at stock exchanges and regulators.

Their basic idea was to provide exchanges, other marketplaces and regulators with a competitive market surveillance system based on modern technology and extendable architecture – at an appealing price.

Cinnober has an exclusive distribution agreement for Scila Surveillance. The system can be connected to Cinnober's trading platform as well as to any trading engine on the market.



A market view in Scila Surveillance



Cinnober Financial Technology AB  
Kungsgatan 36  
SE-111 35 Stockholm  
Sweden  
+46 8 503 047 00  
cinnober.com