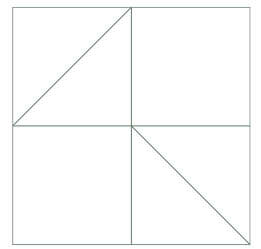


# Magpie Projects



## Trade Surveillance

### Trade Surveillance – The Challenge & Stakes

Trade Surveillance is an expensive function that often yields unsatisfactory results with respect to alert quality as well as product and scenario coverage. At the same time, a well functioning monitoring of market abuse is vital for reasons that go much beyond regulatory requirements, not least to maintain confidence in financial markets.

### Current challenges in Trade Surveillance



**Alert Quality:** Large numbers of false positives lead to a high degree of inefficiency driving investigation efforts and thus surveillance costs as a whole.



Advanced Analytics and Machine Learning can be used to significantly enhance alert quality by focusing on instrument-specific abnormalities.



**Coverage:** The monitoring of all products in all asset classes is rarely complete; the surveillance of OTC products often poses a particular challenge.



Combining your business model and risks with a data-centric approach to surveillance pulling data from all FO systems is key to full-fetched surveillance.



**Data Quality:** Inconsistent data attributes, e.g. price and volume quotations, and unknown interface routines often lead to a fragmented data landscape.



FO system requirements engineering and data transformation, topped with automated Advanced Analytics ensure quality in data and thus surveillance.

### Magpie Projects Service Offering Suite

Leveraging our front-to-back knowledge of trading activities, we as Magpie Projects offer a suite of modularized topics that can be combined and customized to your specific needs. We offer our expertise in the form of a Trade Surveillance Health Check, Implementation Support ranging from project management to subject matter experts or support you as an AI/ML-ThinkTank to take your surveillance setup to the next level.

I.

#### HEALTH CHECK

Our modular service offering allows for maximal flexibility focusing on any area your institution might need assistance in identifying gaps of any kind, or in defining road maps for future implementation.



II.

#### IMPLEMENTATION SUPPORT

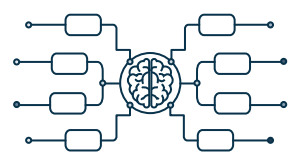
We offer to leverage our extensive knowledge of capital markets and trade surveillance implementation projects to support your institution in rolling out the processes and solution you need.



III.

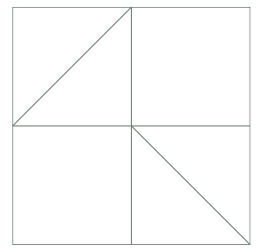
#### NEXT-GEN CAPTECH WITH AI

Equipped with our internal AI-Powerhouse, we provide DeepTech expertise of the next level. Having developed practical AI solutions, we share our competences with you.



#### Our Key to Success

- Profound knowledge and practical experience in the area of products, trading processes and financial markets.
- One team with complementary backgrounds and focus areas: former traders, IT- and regulatory experts, business analysts, quants and project managers.
- Thought Leader in Capital Markets.



## Trade Surveillance

### Magpie Expertise in Trade Surveillance Transformation

<b>Capital Markets Expertise</b>	<ul style="list-style-type: none"><li>– Deep understanding of products, trading processes, and market dynamics. Our decades of experience help optimize processes and define business requirements for effective implementation.</li><li>– We ensure an end-to-end perspective across trading activities and surveillance scenarios.</li></ul>
<b>Technology</b>	<ul style="list-style-type: none"><li>– Modern surveillance needs automation, real-time monitoring, and analytics. We enable targeted infrastructure upgrades and seamless system implementation.</li><li>– Cutting-edge solutions enhance alert quality and coverage.</li></ul>
<b>AI / Automation</b>	<ul style="list-style-type: none"><li>– AI/ML identify critical challenges, improve alert rules and parametrization, and automate surveillance processes.</li><li>– Our AI &amp; Data Analytics specialists provide the required capabilities.</li></ul>
<b>Risk and Compliance</b>	<ul style="list-style-type: none"><li>– We align with evolving regulations (MAR, MiFID II, MiCAR) leveraging extensive risk and compliance experience to support market integrity.</li></ul>
<b>Execution</b>	<ul style="list-style-type: none"><li>– Surveillance is a bank-wide transformation. We manage and support the transition as a holistic end-to-end program.</li></ul>

## Magpie Projects Tools & Trade Surveillance Offering

<b>Health Check</b>	Modular assessment to identify gaps in coverage, alert quality, and processes, plus a clear roadmap for optimization.	<b>Design</b>	Functional and technical design of the critical path for implementation and sustainable optimization.
<b>Implementation</b>	Leverage capital markets expertise to support rollout of surveillance processes and solutions.	<b>Transformation</b>	Support across delivery: F2B processes, go-live readiness, and regulatory compliance.

Ready to discuss your **Trade Surveillance**?

Then please **contact us** for more **insights** and potential **next steps**!

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