# bizpro

TRADE SURVEILLANCE FOR COMMODITY MARKETS

bу

## bizmatica « protiviti°

Surveillance Tools enable market participants to monitor market activities, analyze and store potential manipulative behaviors detected for subsequent inspections, keep proof in case of necessary communication to authorities of market abuse. Transactions monitoring tools are a regulatory and punishable requirement for MAD/MAR and a best practice for REMIT.

#### THE EUROPEAN CONTEXT

The European Energy sector has been affected by several financial regulations in order to protect its integrity and transparency.

Among them, MAD/MAR - Market Abuse Regulation, July 2016 – is focused on potential manipulative behaviors on wholesale physical/financial commodity markets. Although MAD/MAR does not require any reporting, market participants must adopt an appropriate internal control system.

Market participants are required to monitor their market activities and report their potential manipulative behaviors to the competent authorities, supported by dedicated transaction monitoring solutions «Surveillance Tools», based on inspection rules developed in consistency with the markets in which they operate.

"Any person professionally arranging or executing transactions shall establish and maintain effective arrangements, systems and procedures and transactions. Where such a person has a reasonable suspicion that an order or transaction in any financial instrument, whether placed or executed on or outside a trading venue, could constitute insider dealing, market manipulation or attempted insider dealing or market manipulation, the person shall notify the competent authority."

Regulation (EU) No. 596/2014 or Market Abuse - Article 16.2



Opportunity to participate to periodic panel discussion aimed at training the management on BizPro alerts analysis and discuss real market abuse fines.

#### TRANSPARENT APPROACH

Completely transparent to the customer, in terms of market abuse patterns, data availability and new features.

### NEGLIGIBLE IT IMPACTS

Suitable solution for every commodity trading Client and organization thanks to **cloud** and on-premises options.

Negligible IT impacts thanks to a **fully automated "end-to-end" process**, from the data source to the alerts detected reporting.



# ABUSIVE PATTERNS INSPECTED BY BIZPRO Trash and Cash 1 Alghorithm

Ignition 1 Alghorithm Pump & Dump **Ping Orders** 1 Alghorithm Alghorithm GORITHMS OA Wash Trades Phishing 2 Alghorithms 1 Alghorithm Improper Placing orders with no intention matched Orders of executing them 1 Alghorithm 3 Alghorithms Marking the Close Layering and 2 Alghorithms Spoofing 1 Alghorithm Creation of a cap/floor Quote 2 Alghorithms Stuffing Abusive 2 Alghorithms Saueeze 2 Alghorithms bid-offer spread Advancing 1 Alghorithm withholding Painting the bid 2 Alghorithms the tape 1 Alghorithm

Momentum

A dedicated Protiviti - Bizmatica team for BizPro continuous improvement. Possibility to request new and ad-hoc algorithms design.

A suite of inspection rules to detect market abuse on commodity markets orders and deals traded through Trayport, ICE, EPEX M7/XBID, EPEX DAM, MGP&PCE or available in the ETRM.

Expert support for thresholds and parameters first set-up. Protiviti availability for training and consultancy support at any time.

# bizpro

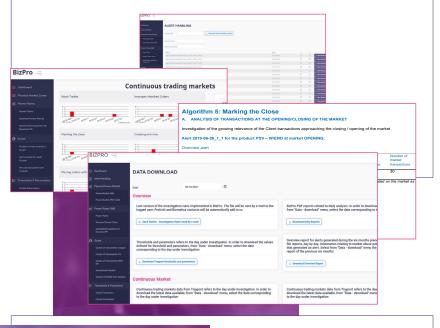
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**BizPro** is a leading transactions monitoring software born from a partnership between Protiviti and Bizmatica, resulting from a continuous R&D collaboration with major energy companies' compliance officers, risk managers and commodity traders. This solution is:

- Specifically **developed** considering the distinctive features of products and markets for a wide variety of commodities (gas, power, CO2, coal, LNG) traded on the European spot and derivatives markets;
- Able to analyze DAM auction markets (EPEX, GME&PCE) and continuous trading markets on more than 10 Exchanges and 25 Brokers including DMA activities (Trayport, ICE POF, EPEX M7/XBID, ETRM) with 24 inspection rules.

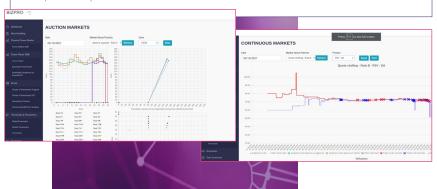


### **BIZPRO - REPORTING & DATA ANALYTICS**

Everyday, BizPro processes all orders and trades by all market participants, applying each surveillance rule to every single product traded during the day (Over the Counter deals are imported via ETRM).

In case suspicious behaviour is detected, the software generates specific alerts, creates the related reports that are notified by e-mail and stores the information on web console to manage the analysis process.

BizPro web console provides the user with extensive interactive data analytics tools for continuous and auction data visualization, download and drill-down, allowing the analysis of suspicious market abuse behaviours in the overall market context.



### bizmatica

Bizmatica, part of the listed Econocom Group, helps companies in their way to digital transformation by designing advanced cloud computing or on-premises platforms. The deep experience developed, enables Bizmatica to offer a wide range of solutions, ranging from Data Center management to end-user experience optimization.

# protiviti

Protiviti is a global consulting firm that delivers deep expertise, objective insights, a tailored approach and unparalleled collaboration to help leaders confidently face the future. Protiviti provides consulting solutions in finance, technology, operations data, analytics, governance, risk and IA to our clients in over 28 countries. We have served more than 60 percent of Fortune 1000® and 35 percent of Fortune Global 500® companies. Protiviti is a wholly owned subsidiary of Robert Half (NYSE: RHI and member of S&P 500 index).

**CHECK OUR WEBSITE:** 

### WWW.BIZPRO.CLOUD

