A single anomaly could become catastrophic to your business! Is the Eagle watching out for you?

EagleAi™ TradeWatch

Trades Anomaly Detector

A deep learning based risk management system for detecting trading anomalies, compliance violations and fraudulent trading patterns

QUANTEL AI
INTELLIGENT SOLUTIONS

Overview

EagleAi™ TradeWatch is a Deep Learning/AI driven Risk Management product from Quantel AI that helps to detect any transactional anomalies, trading pattern anomalies, manipulative trading and compliance violations in real-time to help prevent very expensive trading errors and regulatory fines along with reputational
damages to their firms.

Market

In 2016 alone, trading firms have paid $4 billion in penalties globally along with even larger amount of losses due to trading errors.
Quantel AI market intelligence platform
tries to capture this growing market.

Problem

Trading firms typically use rules-based systems to detect anomalies. The rules are configured manually, and many orders could fall through the cracks and not be protected by adequate limit rules. Unintentional trading losses, compliance violations and intentional fraudulent activity by traders are still prevalent globally.

Solution

EagleAi™ TradeWatch is an AI engine that observes trading transactions from transactional logs that captures even tiny details of deviations. It enables instant detection of trends or patterns that may indicate market abuse, fraudulent/manipulative trading, erroneous trading or malfunctioning algorithms and alerts for anomalous activities. EagleAi™ algorithms are adaptive to current market and macroeconomic conditions and specific news events on symbols and hence reduces false positives significantly.

Benefits for Traders and Risk Managers

EagleAi™ TradeWatch alerts on significant anomalies automatically and provides unrivaled market insights on global financial markets. Notifies trading glitches or large market movements that causes significant deviations. Alerts can be custom configured at various levels.

Benefits for Compliance Managers

EagleAi™ TradeWatch ensures that they are aware of any compliance violations that is triggered due to trading activity from all the systems

Benefits for Operations Risk Controllers

EagleAi™ TradeWatch can do random testing of historical trades as part of 2nd of line defense initiatives to check for anomalies detected by EagleAi™.
The reports can help simplify the procedures and steps needed to perform such functions.

Benefits for Tradeplant Support and IT Developers

EagleAi™ TradeWatch could also be used to do prod support and in backtest mode to test IT changes against historical data and ensure changes will not result in trading losses or violations.

Service Offering

- Seamless integration with existing trade plant Gradual rollout with one system at a time

- EagleAi™ real-time dashboard access with tailored alert configuration

- Workflow integration for follow-up actions on detected issues

- Option to opt for a fully managed service

- Minimal hardware requirements, scalable

- Alerts configurable for sending text messages for users

- Integration with Open Pages / ServiceNow configurable for workflow / follow-up tracking on issues

- Suite of on-demand executive reports highlighting critical issues, often repeating issues, issues resolved / pending, optimal trading limits for clients / traders etc.