



Don't let the
markets
surprise
you...again!



EagleAi™

MarketDataWatch

Market Anomaly Detector

A deep learning based market monitoring tool that alerts customers of unusual movements in market data minimizing reaction time.





Overview

EagleAi™ MarketDataWatch is a deep learning based market data monitoring tool that alerts customers of unusual movements in market data and allowing foresight advantage to maximize market opportunities and minimize trade losses due to 'volatility blindness'.



Market

According to a report by Greenwich Associates, financial service firms spend over \$1.2 billion annually on financial-market data feeds. The results of a Q1 2016 research study found that industry spending on consolidated data feeds has grown by more than 6% annually for the past five years. Firms that have invested heavily in these services are looking for ways to extract the maximum benefits and competitive advantages from this data while insulating themselves from vagaries in this data.



Problem

With increases in electronic trading and the use of high-frequency algorithmic trading the markets are subject to various pressures with increased volatility. In addition errors in market data can cause bad decisions by traders or algo engines. Most financial firms do not have tools to react to these volatility changes quickly and this could result in loss of opportunities and revenue.



Solution

EagleAi™ MarketDataWatch is an AI engine that monitors market data feeds for unusual and unexpected changes in security price, volume, bid price, ask price etc. and generates a signal that can be used to drive trading decisions that captures alpha and corrects outstanding orders to safeguard client investments.



Benefits for Traders and Risk Managers

EagleAi™ MarketDataWatch can be used to prevent market data orders from being executed when there are large swings in securities price thereby protecting clients from being adversely affected by market swings as a result of flash crashes or large market movements that could significantly impact portfolio value.



Service Offering

- Designed to work with existing market data feeds within your organization.
- EagleAi™ MarketDataWatch signal subscriptions to drive trading decisions and adjustments.
- Uses FPGA for low-latency monitoring
- Ability to add additional AI models for advanced statistical monitoring.
- Option to opt for a fully managed service.
- Ability to back test with historical market data to validate solution efficacy.

