

# V.R. Machine - Preventive System

## A Patent Pending Invention for the Volcker Rule Compliance



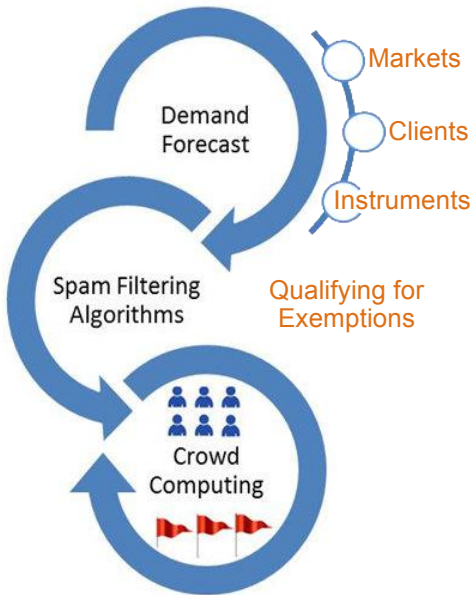
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*Nominated for Best Regulatory Compliance Solution*

### What it is?

- A filtering mechanism to quarantine suspicious proprietary trade activities
- Qualify exemptions with rigorous tests (Click [here](#) for more information on our independent testing solution)
- Methods to perform inventory forecast (Click [here](#) for more information on our RENTD calculation module)
- Backstop final QA check recognize synthetically created trade patterns, control material exposures, aggregate risk functionalities, and available add-ons for manipulation detection
- Workflow functionalities and more!!

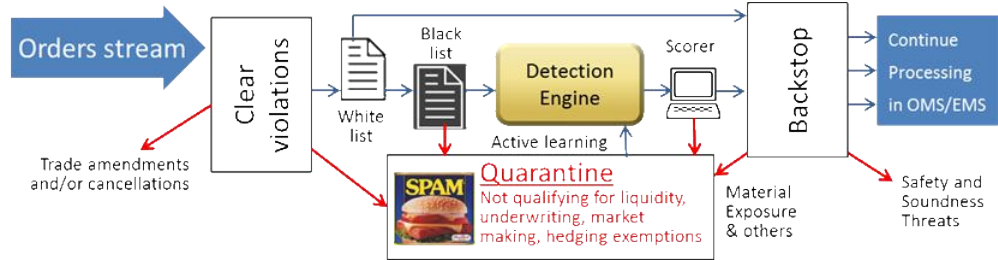


- Utility model that combines crowd collective intelligence with machine learning to implement an iterative complex event monitoring system.

A real-time<sup>^</sup> preventive risk management system to win the race over rogue traders

<sup>^</sup>Low latency infrastructure's speed will be collectively determined by consortium of sponsors (~50 milliseconds)

### Why you should care?



- The Rule specifically calls for a “preventive system”; active risk prevention is better than investigating huge losses after-the-facts
- Address the problem in distinguishing trade intents when both permitted and prohibited trades may involve taking principal positions
- Address the impending problem where VaR / daily risk limits are ineffective to defend against rogue traders from escalating/ bumping-up basis risk
- Timing to increase or decrease inventory is critical to determine and substantiate the "reasonableness" of your trade activities
- Address the problem where integrated risk controls embedded in product design may be bypassed through the use of synthetic created trades
- Aligns with your BCBS 239 initiatives; enables your middle-office to match-up against the front-office; adaptive system makes surveillance process easy
- The Rule states that you are “guilty until proven otherwise”

### Our Offerings

- Trade Monitoring
- Dynamic Assessment
- RENTD Forecast
- Correlation Study
- Quantitative Analysis
- Quarantine Suspicious Trades
- Rosters and Workflow
- Pattern Recognition
- Manipulation Detection (add-ons)
- Material Exposure
- Active Learning
- Metrics, Audit Trails

### SaaS Sharing

No risks are fully mitigated, and there is no end to the regulators demanding more control. It's a race to stop the prohibited before the violators stop you. Toll is needed to run the daily operations and maintain this industry utility, but you only pay for what we can value-add in the process. Network externality enhance the utility values for all crowd users. It is a concerted effort to prevent another financial crisis, [contact us](#) to find out more.

### ContactUs

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