### **N-CE Actimize**

# **Transforming AML** with Machine Learning

## **Program Optimization**



Over the past 20 years, the anti-money laundering space has been incredibly manual.

**Though Financial Services** Organizations (FSOs) hire armies of analysts, they still can't keep up with mountains of alerts.



1 in 5 banks experienced enforcement actions by a regulator.<sup>1</sup>

# Enter Machine Learning

Using machine learning within AML, we can start by detecting and creating new population groups at the micro level.

BBC Percentage of recent survey respondents citing data quality as a technical challenge.<sup>1</sup>



The future of suspicious activity monitoring means diving deeper than just geography or industry specifics, and going into average purchase size or yearly spend.



# **Automation In Action**



#### TUNING

After enhancing population groups, the next goal is threshold management. We can run hundreds of simulations to determine



#### **ANOMALY DETECTION**

With improved segmentation and thresholds, we can now find not just the needle in the haystack, but the needle within the needle stack.



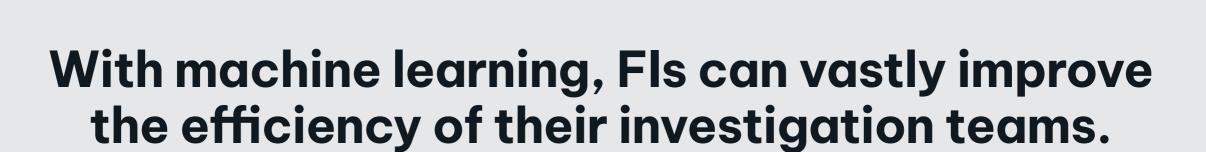
#### PREDICTION

With predictive analytics, FIs can find the likelihood of a SAR coming from an alert, cutting unnecessary investigation and filing time.

the optimal threshold for population groups.

# \$800 billion - \$2 trillion

**Estimated amount** of money laundered in one year.<sup>2</sup>





By automating manual tasks, we can reduce time spent on every single alert, for every analyst, by 70%



### **Discover More**

### about Actimize's Suspicious Activity Monitoring (SAM) solution.

Transforming AML: Accessible AI. Autonomous Investigations.

Get the On-Demand Webinar



Suspicious Activity Monitoring

Get the Brochure

<sup>1</sup>Global Economic Crime Survey 2016 (Rep.). (n.d.). Retrieved February 21, 2018, from PwC website: www.pwc.com/gx/en/services/advisory/forensics/economic-crime-survey/anti-money-laundering.html

<sup>2</sup> Money-Laundering and Globalization. (2017). Retrieved February 21, 2018, from www.unodc.org/unodc/en/money-laundering/globalization.html

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