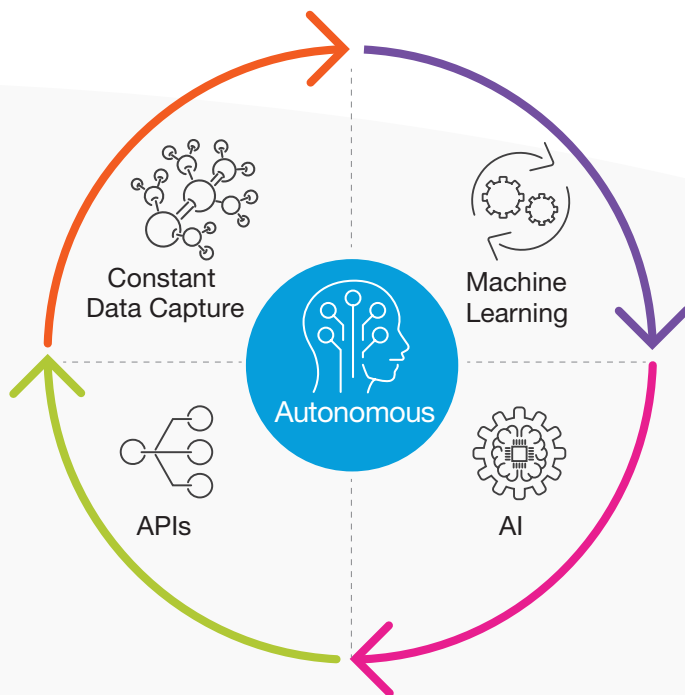# NICE ACTIMIZE

Autonomous Financial Crime Management and Unified Data Intelligence

Too much data in too many places is not a new challenge for risk and compliance teams. As teams address more alerts with less resources and budget, something has to change. On the other side, customers demand secure and seamless transaction experiences. Words like machine learning and big data often get thrown around our industry, but what how do they come together?

At Actimize, we are on a journey to Autonomous Financial Crime Management, enabling you to lower costs, reduce risks and operate more efficiently. Autonomous financial crime management merges innovative technologies to seamlessly connect data from anywhere and applies machine learning, advanced analytics and automation everywhere to turn raw data into intelligence — allowing you to detect, investigate and resolve alerts with limited human intervention.

Key industry stats:

- *Nearly 73 percent of everyday trading is executed by machines.[1]*

- *A recent study shows that AI could boost productivity rates by 38 percent by 2035.[2]*

- *In a recent study, 33 percent of respondents cited data quality as a significant challenge.[3]*

Constant Data Capture · Machine Learning · Autonomous · AI · APIs

How do you autonomous?

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MACHINE LEARNING

- **Using predictive modeling** for ML on customer risk scoring means processing more data volume and variety for a wider customer view.
- **Identify patterns and relationships faster,** allowing analysts to focus on high value work.
- **Uncover patterns** and intelligently automate within models using investigative feedback.
- **Anomaly detection across large data sets** without the need for costly look backs.

ARTIFICIAL INTELLIGENCE

- **Predict low priority cases or alerts,** or those most likely to result in escalation.
- **Provide next best action guidance** for investigators, offering suggestions for optimal steps to complete more productive investigations.
- **Enhance investigations** by presenting possibly related transactions, alerts and cases to investigators to cut down on manual work.

BIG DATA

- **Reduce IT cycles** with automatic analysis of incoming data, plus mapping recommendations.
- **Ingest and normalize any data** from any source, at any volume.
- **Define data asset lineage** and improve data governance by quickly tracing to the original source.

AUTONOMOUS INVESTIGATIONS

- **Integrated virtual workforce** for robotic process automation.
- **Optimize workflows** with a system that automatically adapts to investigations and reviews process over time.
- **Gain back time spent** on low risk alerts by automatically closing or hibernating lower priority incidents.

Bringing It All Together

Actimize's Risk Case Manager unifies financial crime, risk and compliance programs to drive operational efficiencies. Machine learning improves with each investigation, leading to dynamic detection model tuning, lower false positives and proactive alerts. Enhanced user experiences allow teams to create their own rules and logic. Automated model delivery and tuning optimizes investigations by choosing models based on data. The answer isn't autonomous everywhere, but autonomous where it brings the most value.

Begin Your Autonomous Journey

Staying on top of evolving threats, customer demand for improved user experience and changing regulations is a major challenge. A shift to autonomous work saves time and resources, and improves investigation outcome. Actimize stands ready to help you navigate the evolving technology landscape and help ensure you're getting the most out of your investment.

1. The Future of Machine Learning in Finance . (2017, November 30). Retrieved January 26, 2018, from https://www.techfunnel.com/fintech/future-machine-learning-finance/

2. Purdy, M., & Daugherty, P. (2017). How AI Boosts Industry Profits and Innovation (Rep.). Retrieved January 26, 2018, from Accenture website: https://www.accenture.com/us-en/insight-ai-industry-growth

3. Global Economic Crime Survey 2016 (Rep.). (n.d.). Retrieved December 18, 2-17, from PwC website: https://www.pwc.com/gx/en/services/advisory/forensics/economic-crime-survey/anti-money-laundering.html

Contact info@niceactimize.com to learn how autonomous will transform your financial crime prevention program.