FACT SHEET

AML Transaction Monitoring

Continuous protection

Lyfense

AI against fraud and financial crime, developed alongside financial institutions for more than three decades

lyfense.com

About Lyfense

Lyfense brings advanced artificial intelligence technologies to the Latin American market for the fight against money laundering (AML) and fraud prevention, tailored to the regulatory and operational needs of Brazil, Colombia, and Chile.
The capabilities deployed under Lyfense are supported by an international technological infrastructure with more than 30 years of experience in applying artificial intelligence and advanced analytics to the prevention of financial crime. This combination enables organizations to efficiently identify and mitigate the risks associated with fraud and money laundering.
Its modular approach integrates seamlessly with existing systems and incorporates customer screening, payment screening, transaction monitoring, and customized data lists to strengthen regulatory compliance.
The technologies implemented under Lyfense support financial institutions and payment service providers in Latin America, helping them to reinforce their fraud prevention and compliance strategies. The technological infrastructure on which these solutions are built helps protect more than 100 billion transactions per year and generate significant operational efficiencies for the organizations that use it.

Our Mission

Lyfense drives a leading technological offering in the prevention of fraud and financial crime through advanced AI, continuous innovation, and sector expertise. Our mission is to help reinforce **trust**, preserve the **integrity** of macroeconomic financial systems, and **protect** them from potential harm.

The solution in numbers

Models with algorithm selection, training and calibration

No-code and configurable rules engine

Automated Workflow Management

Real-time reporting with full traceability

Core Capabilities

AML Transaction Monitoring

Detect known and emerging risks while simplifying data ingestion, rule management, and model execution.

Simplified Data Integration with Layouts

- Seamlessly ingest data across subsidiaries, business lines, and products.
- No-code, fully configurable, and self-service.
- Add or modify data fields without engineering or professional services support.

Risk Identification with Rule Builder

- No-code engine supports simple to highly complex logic.
- Tailor rules by segment, geography, customer type, or entity list.
- Create nested rules, combining multiple criteria hierarchically.
- Immediately deploy new rules.

Rule Simulation and Autonomous Execution with Rule Execution

- Run rules in simulation or live production mode.
- Safely assess impact before deployment.
- Autonomous scheduling and on-demand execution.
- Full visibility into execution results.

Model Builder

- Algorithm selection, training, calibration, and validation.
- Controlled deployment of models into production.

Outcome: faster risk detection, safer deployments, reduced operational burden, and stronger monitoring coverage.

Case Management & Investigations

Streamline alert review and investigation with workflows built for efficiency and control.

- Automated alert classification, assignment, and prioritization.
- Fully configurable review workflows adaptable directly from the web interface.
- Visualization of alert activity enables analysts to make faster, more informed decisions.
- Real-time operational dashboards provide immediate insight into performance and outcomes.

Outcome: faster investigations, improved analyst productivity, and consistent decisioning.

Optimised case management

Real-time metrics

Native SaaS and no-code

Ready for seamless integration via API

Problems we solve

Solving your toughest challenges in financial crime and compliance management

Financial crime risk is evolving, fragmented and increasingly difficult to manage. We partner with compliance teams to simplify complexity through purpose-built technology that combines deep domain expertise, advanced analytics, and operational flexibility.

Apply AI with Control and Confidence

Risk-aligned AI and Machine Learning

Leverage AI and machine learning to pinpoint risk without compromising governance. Our solution enables teams to apply AI-driven monitoring and analytics within clearly defined risk boundaries, ensuring alignment with policy, regulatory expectations and internal controls.

Outcome: smarter risk detection with built-in guardrails.

Simplify Transaction Monitoring at Scale

Flexible AML Monitoring Built for Change

Easily ingest data across subsidiaries, products, and business lines using no-code Layouts. Build and deploy typology-driven rules, risk-based thresholds, and machine learning models without development dependencies. Test changes safely through simulation before deploying to production.

Outcome: faster adaptation to emerging risks with lower operational overhead.

Streamline Investigations and Workflows

Configurable Case Management and Review Flows

Design workflows that match how your teams actually work. Configure review levels, assignments, priorities, and SLAs directly through the interface while maintaining consistency and oversight across teams and jurisdictions.

Outcome: more efficient investigations and consistent decisioning.

Gain Real-Time Operational Insight

Actionable Reporting and Visualization

Monitor analyst activity, alert trends, and rule or model performance through interactive dashboards and real-time reporting. Empower teams to identify emerging risks early and make confident, data-driven decisions.

Outcome: greater transparency and faster operational insight.

Integrate Without Friction

API-First, Headless Architecture

Integrate our solution seamlessly into your existing ecosystem using robust, self-publishing APIs. Every platform capability is accessible through APIs, enabling flexible deployments and faster time to value for both compliance and technical teams.

Outcome: faster integration with minimal disruption.

Anticipate financial crime without compromising efficiency. With our solution, financial institutions can optimize AML operations, reduce operational burden, and improve the detection of real risks. Our platform combines advanced analytics and artificial intelligence to prioritize what truly matters, integrating seamlessly through APIs and adapting to the evolution of business and regulation.

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About Lyfense

Lyfense is the operational identity under which advanced artificial intelligence solutions for fraud and financial crime prevention are deployed. These solutions have been developed over more than three decades and applied on a large scale in financial institutions in Brazil, Colombia, and Chile.

Technology developed by Lynx Financial Crime Tech, S.A., recognized for:

Gartner

Chartis

datos INSIGHTS

FStech — Anti-Fraud Solution of the Year

pay360 AWARDS — Best Initiative in Utilising Data or AI. 2025

Get in Touch

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