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Oracle Financial Services Anti-Money Laundering Premium Edition

Industry-leading transaction monitoring and next-generation analytics in a single solution

Financial crimes—and the regulatory requirements aimed at stopping them—are more complex, diverse, and costly than ever. This is especially true for money laundering initiatives, often driven by sophisticated criminal networks. These factors make detection accuracy, surveillance and response agility, and immediate insight paramount—both within a financial services institution (FSI) and far beyond. FSIs are further challenged today by a growing number of false positives that consume disproportionate amounts of vital investigative resources, drive up compliance costs, and impact customer relations. Financial services institutions seek a **complete solution** that delivers **powerful transaction monitoring** and **next-generation analytical capabilities** to optimize their anti-money laundering (AML) programs.

Oracle Financial Services Anti-Money Laundering Premium Edition brings these requirements together in a single solution that combines the power of Oracle's industry-leading financial crime and compliance transaction monitoring and analytics solutions. It empowers FSIs to leverage expanded data sources and artificial intelligence and machine learning (AI/ML) capabilities to effectively monitor transactions and respond to events, continually discover emerging risks and new criminal patterns, as well as quickly operationalize newly developed models into production.

Purpose-built and always evolving

Oracle Financial Services Anti-Money Laundering Premium Edition is built on a data model designed specifically for financial crime applications, regularly updated, and recognized by the industry and the regulators for its ability to effectively detect and prevent money laundering and other financial crimes. It also includes an industry-first graph data model that enables the visualization of complex money laundering networks, making it easy for investigators to identify key players and connections. Equally important, the solution leverages ML to learn from the data it processes, which, in turn, helps FSIs to adapt to evolving money laundering techniques and tactics.

Industry Challenges

- Post COVID19 threat evolution, with increased volume of "card-not-present" and online transactions with money-movement happening much faster across channels due to proliferation of digital technology

- Regulatory and enforcement scrutiny has increased significantly due to increased number of sanctions, esp. when banks and FIs are operating in different geographies, across several jurisdictions and operate multiple lines of business

- Lack of capability in legacy solutions to predict & identify potential threats, patterns or anomalies

- Validation and tuning of analytics models is time-consuming, resource-intensive process and also needs specialized expertise, which is a major limitation for most legacy solutions

- Siloed systems and manual processes causing lower efficiency and higher operational costs

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Gain a comprehensive, dynamic view of customers, transactions and data

Oracle Financial Services Anti Money Laundering Premium Edition provides key stakeholders and regulators a 360-degree view of financial activity and customer risk to transparently detect and investigate potential money laundering behavior. FSIs gain visibility into the risk associated with their customers as well as risk associated with whom and where they are doing business.

The solution provides automated, comprehensive, and consistent surveillance of all accounts, customers, correspondents, and third parties in transactions across all business lines. FSIs can monitor customer transactions continuously, using customer historical information and account and peer profiles to provide a holistic view of all activities.

Effective discovery requires insight into all of a financial institution's transactions, accounts, alerts, and other financial crimes-related data, such as watch lists and datasets from the International Consortium of Investigative Journalists (ICIJ). Oracle Financial Services Anti-Money Laundering Premium Edition enables FSIs to bring all this data together and make it available for discovery and analysis by leveraging the powerful capabilities of Oracle Financial Services Compliance Studio. Engineered to be a portal into an enterprise's financial crimes data, Compliance Studio includes a data model for graph analytics across financial crime data that provides a target representation for enterprise-wide financial crime data as a global-graph, enabling a whole new set of financial crime use cases. The global-graph links all of the institution's financial crimes data—AML, fraud, alerts, sanctions lists, know your customer (KYC) data, and external datasets—and serves as the single, central source for compliance investigations.

Data scientists can use the software's graph capabilities to develop and deploy graph-based analytics models to visualize complex money laundering networks, making it easier for investigators to identify key players and connections.

The combination of Oracle's best-of-breed detection engines and AI/ML and graph analytics capabilities extend the application's ability to capture, curate, store, search, and analyze the extensive internal and external data to find new correlations, relationships, and trends that were previously unavailable.

In addition, data scientists can use the solution's AI/ML capabilities to develop and deploy supervised and unsupervised ML models to rapidly identify patterns and anomalies in financial data associated with money laundering. These models can be trained on historical financial data and used to classify entities or transactions as high-risk or low-risk, or to predict potential money laundering risks for more efficient and productive AML programs.

AML Premium - Unique Differentiators

- 25+ years of experience and more than 100 live implementations, including Tier-1 banks
- Rich, robust pre-built capabilities and configurations to accelerate time to value
- Most powerful "instant" graph analytics solution in the industry
- Data model designed specifically for financial crime applications—known and approved by regulators
- Extensive ready-to-use and regularly updated scenarios library
- Real-time event risk scoring engine with algorithmic scoring models for accurate customer risk assessment
- Automated data, scenario, and model management and tuning
- Pre-built Starter AI modules targeted at specific, high-value use cases
- In-depth integration with other Oracle financial crime and compliance products to gain a complete customer view
- Make data lakes usable by easily incorporating visualizations and results into operational systems using standard REST API calls.
- Adaptable data model to meet unique business needs
- Easy customization and creation of additional scenarios to meet the needs of technical and business users
- Regular upgrades included in license, can be deployed on flexible schedule
- Architected for very high performance and scalability

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Meet the needs of technical and business stakeholders

FSIs want to achieve overall efficacy of alerts while optimizing analyst efforts on suspicious activities or transactions. It takes a diverse team to achieve these goals, and Oracle Financial Services Anti-Money Laundering Premium Edition is designed to support every AML stakeholder. The solution delivers advanced techniques, such as semantic and property graph analytics, transaction flow analytics, and ML, that support financial crimes analysts and data scientists. It also provides capabilities that financial crime and compliance management business and operational teams—from investigators to scenario testers—need to help them quickly understand, digest, and act on findings produced by the data scientists. For example, the solution provides a comprehensive analytics toolkit along with secure access to the institution's financial crime data which can be rapidly operationalized to pass the necessary context to investigators and managers to make more accurate decisions.

Streamline implementation and accelerate impact

Oracle Financial Services Anti-Money Laundering Premium Edition helps FSIs achieve faster time to value with an extensive library of ready-to-use scenarios, AI starter modules, as well as out-of-the box integrations to other financial services applications.

Scenario library and automating model tuning

The solution provides a robust library of regulator-approved scenarios that covers a wide range of financial crime scenarios, such as identifying suspicious transactions, detecting money laundering networks, and predicting potential money laundering risks. Organizations can use the scenarios out of the box or easily adapt them to their specific needs. Scenarios are based on industry best practices and are continuously updated to comply with changing regulatory requirements. The solution also enables automated tuning of system parameters and models, which helps to optimize performance and reduce the number of false positives generated.

AI starter modules

Oracle's Starter AI modules provide organizations with a quick and easy way to begin using advanced analytics to detect and prevent financial crime. Modules include:

- Entity resolution: Identify and link together records that refer to the same individual or entity even if they have different name variations or identifying information

- Supervised and unsupervised models: Use pre-built models to identify patterns and anomalies in financial data, including supervised models for customer risk scoring and event scoring and unsupervised models for customer segmentation and anomaly detection

Key Benefits

- Optimize AML programs with complete solution that delivers powerful transaction monitoring and next-generation analytical capabilities

- Deploy an advanced library of pre-configured, out-of-box, industry-recognized AML scenarios across all lines of businesses to quickly and confidently to meet regulatory requirements

- Provide investigators with a comprehensive view of financial activity and customer risk

- Reduce false positives with models designed with precise parameters and performance tuned before deployment

- Reduce time to value for new models by up to 80 percent using advanced model ops capabilities

- Empower management with comprehensive documentation for greater transparency into behavior detection logic and processes

- Facilitate compliance with tools that enable rapid onsite development of client-specific rules

- Accelerate financial crimes investigations with search enabled across customers, transactions, watchlists and external data linked together in first-of-its-kind Enterprise Financial Crimes Graph

- Leverage multiple, out-of-the box ML and analytics use cases, including customer risk scoring, event scoring, automated scenario calibration, customer segmentation, and anomaly detection Lowest false positives

- AI, ML& Graph analytics enabled applications to quickly identify & detect potential threats/ anomalies

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- Model operations and governance: Leverage a set of model deployment, approval, governance, and monitoring capabilities to ensure that the any models used are in compliance with regulatory requirements and industry standards

Integrations

Oracle Financial Services Anti-Money Laundering Premium Edition features extensive integration with the rest of Oracle's financial crime and compliance management portfolio, providing a truly holistic view of customers and transactions. Key integrations include:

- <u>Oracle Financial Services Know Your Customer</u>, which allows organizations to incorporate customer risk scores into AML case investigations. This integration helps to identify high-risk individuals and entities and enables FSIs to take a more proactive approach to detecting and preventing money laundering.

- <u>Oracle Financial Services Customer Screening</u>, which allows organizations to incorporate watchlist scores into AML case investigations. This integration increases accuracy by providing a complete picture of the customers details.

- <u>Oracle Financial Services Enterprise Case Management</u>, which allows organizations to more effectively and efficiently manage financial crime investigations. This integration provides several benefits, including:
  - Streamlined workflow for a more efficient and effective process for identifying and managing suspicious transactions
  - Improved collaboration between departments and teams, such as compliance, legal, and investigations, enabling a more coordinated approach to financial crime management
  - Enhanced visibility into financial crime investigations, allowing organizations to manage cases and ensure compliance more effectively
  - Better data management through a centralized repository for financial crime data that enables organizations to access and analyze data more easily
  - Automated case management that reduces the need for manual intervention and frees investigators to focus on more complex tasks.

In addition, Oracle Financial Services Anti-Money Laundering Premium Edition, is fully integrated with the wider Oracle Financial Services application portfolio, allowing it to share the financial data model with other Oracle Financial Services Applications. This integration improves data quality, increases efficiency, enables better risk management, and streamlines compliance.

Why Oracle?

- 25+ years of experience in fighting financial crime
- Trusted Financial Crime and Compliance Technology Partner for 180+ global FIs
- Category Leader for AML in Chartis RiskTech100® Successively for 2024, 2023, 2022, 2021, 2020
- Category Leader in Chartis' Entity Management & Analytics Solutions, 2022
- Technology Leader for AML in Quadrant SPARK™ Matrix 2022, 2021
- Recognized as the "Best Solution for Managing Financial Crime" by RegTech Insight Awards Europe 2023
- Comprehensive Analytics toolkit to rapidly discover and model emerging risks and financial crime patterns
- Faster, Smarter and proactive approach to AML Compliance

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About Oracle Financial Services Analytical Applications

Oracle Financial Services Analytical Applications bring financial institutions best-of-breed capabilities to proactively manage Financial Crime, Compliance, Risk, Treasury, Finance and the Front Office. The applications are built upon a commonly available analytical infrastructure consisting of a unified financial services data model, analytical computations, a Metadata driven "R" modelling platform, and the industry-leading Oracle Business Intelligence platform.

A single, unified data model and infrastructure provides one version of the analytical "truth" to business users throughout the entire enterprise. This enables financial services institutions to confidently manage performance, governance, risk and compliance. Shared data, metadata, computations and business rules enable institutions to meet emerging business and regulatory requirements with reduced expenses and the unified platform helps financial institutions to leverage existing investments.

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