

Oracle Financial Crime and Compliance Management (FCCM)

Elevating the fight against financial crime with the industry's most comprehensive product suite

Banks and financial institutions (FIs) are rapidly embracing digitalization for front-end, back-end, and most internal processes—onboarding, payments, transactions, mobile apps, security, etc. Technology has undoubtedly enabled them to improve their processes, reduce manual intervention, optimize resources, lower costs and improve customer experience. However, technology usage seems to have also increased their vulnerability to sophisticated money laundering and financial crime tactics. Additionally, banks and FIs today face heightened pressures to meet global and local regulatory compliance.

For over 25 years, Oracle Financial Crime and Compliance Management (FCCM) has been helping to create a safer world. We help financial institutions fight money laundering, battle other financial crimes, and achieve compliance with the industry's most effective and efficient suite of end-to-end anti-financial crime solutions, backed by unrivalled data management, advanced analytics, and a powerful platform.

A comprehensive suite for entire FCCM value chain

Oracle's Financial Crime and Compliance Management suite is a modern, comprehensive, and extensible suite of applications designed to address end-to-end business requirements across the anti-money laundering (AML) financial crime and compliance management value chain. Oracle FCCM enables FIs to eliminate financial crime while still ensuring operational efficiency effectively.

With innovation at its core and expertise in next-gen technologies such as AI, ML, NLP, graph analytics, etc., Oracle FCCM's key offerings span across the value chain, including:

- **Streamlined customer onboarding:** Identify money launderers and comply with Customer Due Diligence (CDD) and Know Your Customer (KYC) regulations throughout the customer lifecycle. Quickly and

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 the increased number of sanctions, esp. when banks and FIs are operating in several jurisdictions or with multiple lines of business
- Siloed systems and manual processes cause lower efficiency and higher operational costs
- Increased focus to balance delivering seamless customer experience from onboarding to entire lifecycle while being compliant

Why Oracle FCCM?

- 25 years of fighting financial crime for over 150+ global FIs
- Recognized as Category Leader in Chartis RiskTech100 for 2019, 2020, 2021
- Recognized as Leader in Quadrant SPARK Matrix for AML & KYC/CDD, 2021
- Power of one Oracle—offering an enterprise-class solution that includes hardware, application software, database, and analytics in either on-prem or cloud

accurately assess risk and compare customers to global sanctions and watchlists. Onboard good customers quickly and seamlessly

- **Effective monitoring and detection:** Identify unusual customer behavior and suspicious money movements through our AML software with advanced analytics (AI/ML/graph) and scenarios built and proven for the financial services industry.
- **Efficient and accurate investigations:** Use AI-powered, institution-wide investigation and case management to uncover criminal networks. Spend more time investigating truly suspicious activities instead of sifting through false positives.
- **Sanctions screening and transaction filtering:** A comprehensive and integrated coverage of customer screening and transaction filtering for accurate and effective detection of customer risk profiles or suspicious transactions in real-time. End-to-end screening against comprehensive global watchlists, sanctions, politically exposed persons (PEPs), etc.
- **Regulatory reporting and management insights:** Generate and file Suspicious Activity Reports (SARs) and Suspicious Transaction Reports (STRs). Stay compliant with global AML reporting guidelines and regulations. Manage AML compliance faster and smarter with prebuilt regulatory analytics and sound data integrity in our AML solutions.

Oracle FCCM is also offered as an end-to-end suite of cloud-based SaaS services for mid-sized financial institutions, helping them remain safe, compliant, and ready for business growth.

The Oracle FCCM Cloud Service consists of four applications for end-to-end AML and compliance. Customers can purchase these applications together or separately. They are pre-integrated with each other and easily integrated with other third-party or internal AML and compliance applications. Each application has embedded case management and reporting capabilities.

- Know Your Customer (KYC) Cloud Service
- Customer Screening (CS) Cloud Service
- Transaction Monitoring (TM) Cloud Service
- Regulatory Reporting (RR) Cloud Service

Advanced KYC/ CDD capabilities that deliver compliance and frictionless customer experience

Oracle's KYC/ CDD coupled with AI, ML, graph learning, and advanced analytics provides a holistic risk view for the entire customer lifecycle, including customer onboarding, ongoing due diligence, and enhanced due diligence (EDD) processes. It offers a comprehensive, flexible, and extensible risk-scoring module for batch and real-time to meet diverse KYC regulatory requirements across global institutions.

Key highlights:

- Utilizes sophisticated information exchange formats to easily maintain and share data across existing systems, enabling FIs to perform real-time

- Seamless KYC with integration between front, middle, and back-end teams
- Advanced watchlist screening for multiple risk types such as sanctions, PEPs, and other heightened risk sources
- With 100+ out-of-the-box scenarios, Oracle FCCM suite provides comprehensive coverage for a multitude of money laundering topologies
- Robust case management streamlines analysis, resolution, and regulatory reporting in a single unified platform
- Embeds next-gen technologies like AI/ML/RPA/graph/NLP into its solutions
- Proven enterprise financial crimes graph model accelerates financial crime investigation use cases
- Comprehensive analytics toolkit to rapidly discover and model emerging risks and financial crime patterns

Key features

- 360° view of individuals/entities with Real-time Entity Scoring Engine
- Continuous monitoring supported by advanced and enhanced due diligence
- Enterprise-wide risk-based monitoring, investigations, and reporting for suspicious activities with advanced analytics and scenarios built and proven for the financial services industry
- Automatically and intelligently consolidate the entire Currency Transaction Report (CTR) process from teller to reporting
- Supports the e-filing of cash transactions greater than \$10,000 or multiple transactions that aggregate to \$10,000
- Actively assess cash activity, CTR metrics, and

checks against their new customer and identify risk exposures of the customer without compromising customer experience.

- Multi-dimensional risk scoring models that support multi-country, multi-jurisdiction and different businesses like retail, corporate, wholesale, etc.
- Onboarding service caters to all aspects of Customer Identification Program (CIP) verification, Screening, scoring, and decision of onboarding with just one REST-based API integration.
- Complete end-to-end customer lifecycle management for data, process, and risk management and eliminate 'friction.'

AML solution that offers a 360° view of financial activity and customer risk

Oracle Financial Services Anti Money Laundering provides advanced detection methodologies, investigation, and reporting of suspected money laundering and terrorist financing activities. Powered by advanced technologies such as AI, ML, Graph analytics, etc., it helps detect, identify and mitigate unusual customer behavior, suspicious transactions, or any other pattern anomalies.

Key highlights:

- Increase accuracy, reduce staff costs, and efficiently manage risk by isolating unusual behaviors and reducing false positive alerts.
- Address multi-national regulations, guidelines, and best practices from a single solution.
- Efficiently detect, investigate and report suspected money laundering activity to comply with current and future regulations.
- Provide regulators and key stakeholders with a comprehensive view of financial activity and customer risk to detect and investigate potential money laundering behavior transparently.
- Reduce compliance costs through sophisticated detection and streamlined investigations.

Enterprise case management accuracy and efficiency in diverse investigations

Oracle Financial Services Enterprise Case Management (ECM) offers financial institutions a single enterprise-wide case management platform that meets the diverse demands of their business-specific investigation functions. It is preconfigured and integrated out-of-the-box, ready to support a broad set of compliance investigations, such as anti-money laundering, fraud, know your customer, customer screening, and FATCA.

Key Highlights:

- Achieve visibility across channels and jurisdictions, leading to comprehensive investigation capabilities.

productivity with ad-hoc analyses and comply with regulatory and internal reporting mandates within a single enterprise system

- TIN level aggregation of transactions across branches over a configurable look-back period (default two days) is supported
- Make data lakes usable by easily incorporating visualizations and results into operational systems using standard REST API calls
- Leverage existing knowledge in open tools such as Apache Spark, Apache Zeppelin, R, and Python
- Includes a highly scalable in-memory Oracle Graph Analytics Engine (PGX) which uses an SQL-like graph query language (PGQL)
- Leverages graph, supervised ML, and unsupervised ML to build typology detection models, detect anomalies, and risk score customers or events

Key benefits

- Streamline onboarding process with minimal customer touchpoints and comply with AML/FATF-based KYC regulatory requirements
- Multi-jurisdictional, real-time, and on-demand screening capability
- Accelerated Adaptability to Changes in Rules and Regulations
- Manage AML compliance faster and smarter with prebuilt regulatory analytics and sound data integrity
- Discover emerging risks and test for known risks coverage using the power of graph analytics and Big Data

- Supports ingestion of events and entity data from disparate detection systems into a common landing area.
- Provides machine learning capabilities that are pre-integrated into the ECM product to capture information beneficial for modelling and leverage the output to aid in investigations.
- Data exchange capabilities with 3rd party data providers to provide customer risk scores and RPA capabilities.

- Ensuring regulatory compliance while enhancing customer experience
- Increased accuracy in identifying suspicious or fraudulent activities/ transactions
- Lowest false positives and reduced investigation times
- Increased operational efficiencies and reduced costs

Global sanctions screening with comprehensive and integrated solution for customer screening and transaction filtering

Oracle provides a comprehensive and integrated coverage of global sanctions screening capabilities to enterprise customers by offering products purpose-built for this:

- Oracle Financial Services Customer Screening (OFS CS) and
- Oracle Financial Services Transaction Filtering (OFS TF)

Key highlights:

- Effective customer screening against comprehensive global watchlists, sanctions, PEPs, etc.
- Screening solution provides advanced data preparation techniques—including identifying and rectifying typos, name and date variations, misspellings, transpositions, and misfielded name and country data ahead of the screening.
- Investigates suspicious transactions in real-time against accurate data.
- Transaction filtering solution includes a risk scoring engine that gives firms the insight needed to make faster and more informed decisions about transaction validity when combined with match scoring capabilities.

Regulatory reporting for managed risks and improved compliance

Oracle Financial Services offers different robust products for Compliance Regulatory Reporting (CRR) and Currency Transaction Reporting (CTR), both of which provide a comprehensive regulatory reporting and filing workflow.

Key highlights:

- Standard interface to integrate with Oracle Financial Services Anti Money Laundering and third-party alert and case management systems.
- It helps in minimizing repetitive data entry and supports the parallel processing of CTRs.

- Reduces STP (Straight Through Processing) process cycle times and accommodates FinCEN compliance and real-time environmental changes.

Compliance studio powered with next-gen analytics for proactive identification of patterns and anomalies

Oracle's Compliance Studio is a purpose-built IDE for FCCM data scientists, scenario authors, and financial crimes pattern miners. In addition to more traditional AI/ML approaches, our solution offers fully inbuilt graph analytics and graph machine learning packages purpose-built for financial crime detection. Many of the proprietary algorithms we develop are built with the assistance of Oracle Labs, and the outcome often exceeds what is considered cutting edge, even in Academia.

Key highlights:

- Integrates fully with Oracle Financial Crimes Application Data and is readily usable across the enterprise financial crimes data lake.
- Provides a comprehensive analytics toolkit and 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.
- Leverages graph, supervised ML, and unsupervised ML to build typology detection models, detect anomalies, and risk score customers or events.
- ML for AML capabilities help reduce the number of false positives and reduce the cost of AML compliance audit significantly.

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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