

Oracle Insurance Analytics

International Financial Reporting Standard (IFRS) 17 and the Financial Accounting Standards Board (FASB) Long Duration Targeted Improvements (LDTI) requirements will play an important role in driving greater alignment between risk and finance across insurance companies and other financial institutions. As insurers prepare strategies to achieve compliance, they have a unique opportunity to more actively and accurately incorporate risk into their decision making, and benefit from more extensive data-centric business and profitability insights. A comprehensive data and analytical application infrastructure – purpose built for the industry – is fundamental to both ensuring compliance and expanding insight.

Oracle Insurance Analytics delivers a complete solution designed to facilitate accounting standard compliance while supporting and advancing alignment, transparency, and pervasive intelligence across finance, risk, and actuarial that can drive top- and bottom-line growth.

ACCELERATE COMPLIANCE, ELEVATE INSIGHT, FUEL PROFITABLE GROWTH

Oracle Insurance Analytics combines Oracle Insurance Data Foundation, Oracle Financial Services Analytical Applications Infrastructure, and Oracle Insurance IFRS 17 Analyzer to empower insurers to expedite and ensure regulatory compliance while making the most of data assets to drive more informed and profitable decisions. The solution delivers:

- A unified data platform and repository for risk and finance data
- End-to-end management of complex computations and accounting, as well as financial and management reporting

Key Features

- Drives line-of-business control and provides actionable information to CXOs with specialized finance and risk marts and management dashboards and reporting. Automates calculation processes and configures calculation templates for greater transparency, auditability, and traceability
- Supports cross-functional analytics across the enterprise
- Offers a proven, unified, and comprehensive data model ready for timely deployment
- Computes contractual service margin at a contract level or at cohort level
- Includes pre-built data quality checks contextualized to end use

- Transparent, rules-driven identification of distinct investment and risk components, contract boundaries, and the identification of directly attributable costs
- Pre-built business event rules and methodologies for calculations such as contract value estimates, service margins, risk adjustment, contractual service margin (CSM), and more – at a policy or group level
- Analytical capabilities that enable portfolio optimization by factoring mortality, lapses, acquisitions, costs, future cash flows, credit risk, and more
- Native capability for modeling that can be a shared utility across risk and finance areas – which is particularly important as IFRS 17 does not provide full guidance on how risk margin, discounts, and adjustments should be calculated
- Predefined reporting templates
- Ability to support both IFRS 9 and 17, as well as LDTI standards, and the flexibility to accommodate new requirements

POWERED BY DEEP DOMAIN EXPERIENCE

Oracle Insurance Analytics builds on Oracle's deep domain expertise to deliver a ready-to-deploy, end-use proven, practical platform for managing analytical application data, interpreting regulatory requirements, and transitioning to new industry standards. It incorporates:

- A comprehensive data model, based on “real world” analytical experience from around the globe, which addresses data sourcing/provisioning and results/outputs needs. Insurers can leverage this data foundation to deploy their analytical data warehouse in a fraction of the time typically required to develop a warehouse from a conceptual or logical data model.
- Support for the General Measurement Model (GMM), Premium Allocation Approach (PAA), and the Variable Fee Approach (VFA) to measure the contractual liabilities and perform the financial reporting based on the estimates computed using these methods. The solution also supports the most granular level measurements, is modular in nature, and is driven by user-configured logics.
- Industry-leading Oracle Financial Services Analytical Applications Infrastructure that delivers a unified set of application frameworks to help manage the end-to-end lifecycle of data. These frameworks provide full lifecycle metadata management, business-driven data quality checks, data mart management, and workflow capabilities, among others. Advanced capabilities are available to provide insurers with the ability to develop and deploy advanced computational models and support stress testing and scenario analysis.

Oracle Insurance Analytics effectively serves the “traditional” warehouse role as a repository of business data for today's analytical needs, while delivering a comprehensive solution to address IFRS 17 and other industry standard requirements, and providing a unified, open, and adaptable analytical platform ready for unknown regulatory and business challenges of the future.

A STRONG DATA FOUNDATION

[Oracle Insurance Data Foundation](#) is at the core of the Oracle Insurance Analytics solution. This insurance-specific data foundation empowers insurers to effectively and accurately manage their enterprise data effectively.

Unlike other industry data model offerings, Oracle's data model is physicalized, purpose-built for the financial services and insurance industries, and readily deployable. In addition, it may be leveraged for sourcing and provisioning complete, accurate, and timely data that provides enterprise coverage across life, non-life, health, and re-insurance lines of business.

Key Benefits

- Enables unprecedented transparency and alignment across finance, risk, and actuarial functions to drive more informed business decisions
- Empowers insurers to efficiently comply with IFRS 17 and other reporting requirements and improve operational efficiency
- Extends advanced analytics with unprecedented ease
- Offers extensive reporting and disclosures at every level of calculation
- Provides the fastest possible query performance across all business domains
- Eliminates inconsistencies across ledgers, books, and marts for confident and auditable reporting and analysis
- Tracks audit trails consistently and transparently across all analytical domains

The solution's scalable, extensible, and flexible data model makes future changes adoption easy, and it offers simple connectivity with actuarial system outputs and allows users to leverage a single platform for requirements ranging from claim analytics to profitability analysis. Further, the easy-to-use integration interface facilitates consolidation of data from multiple sources into the reporting and processing applications quickly and with less effort. In short, it improves the accuracy of information available for decision making while reducing development and implementation costs.

EFFICIENTLY COMPLY WITH IFRS 17 REPORTING REQUIREMENTS

Oracle Insurance Analytics also incorporates [Oracle Insurance IFRS 17 Analyzer](#), which provides a comprehensive solution for IFRS 17 compliance. It is designed to support insurers' diverse lines of business and requirements to measure and report liabilities and unearned profit as mandated by the new accounting standard. Oracle Insurance IFRS 17 Analyzer supports the most granular level measurement using the various methods prescribed by the standard.

ACCELERATE RESULTS WITH ORACLE ANALYTICAL APPLICATIONS

Oracle Insurance Analytics is pre-integrated and ready to work with more than 30 Oracle Insurance and Oracle Financial Services Analytical Applications. See results faster by leveraging award-winning solutions for Enterprise Risk Management; Governance, Risk, and Compliance (GRC); Enterprise Performance Management (EPM); and Customer Insight. In addition to these industry-leading applications, third-party or in-house developed solutions will similarly benefit from this common and unified approach.

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 foundation, analytical computations, and the industry-leading Oracle Business Intelligence platform. A single, unified data model and integrated metadata framework 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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