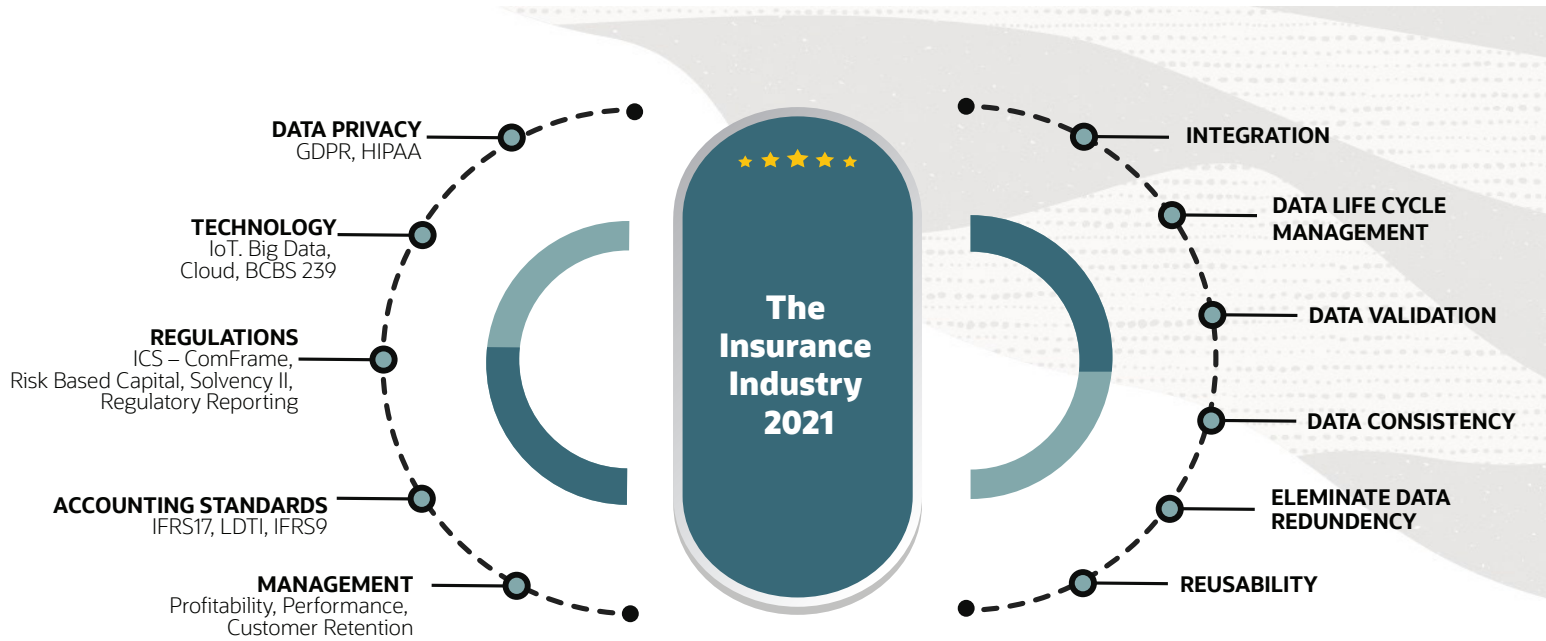
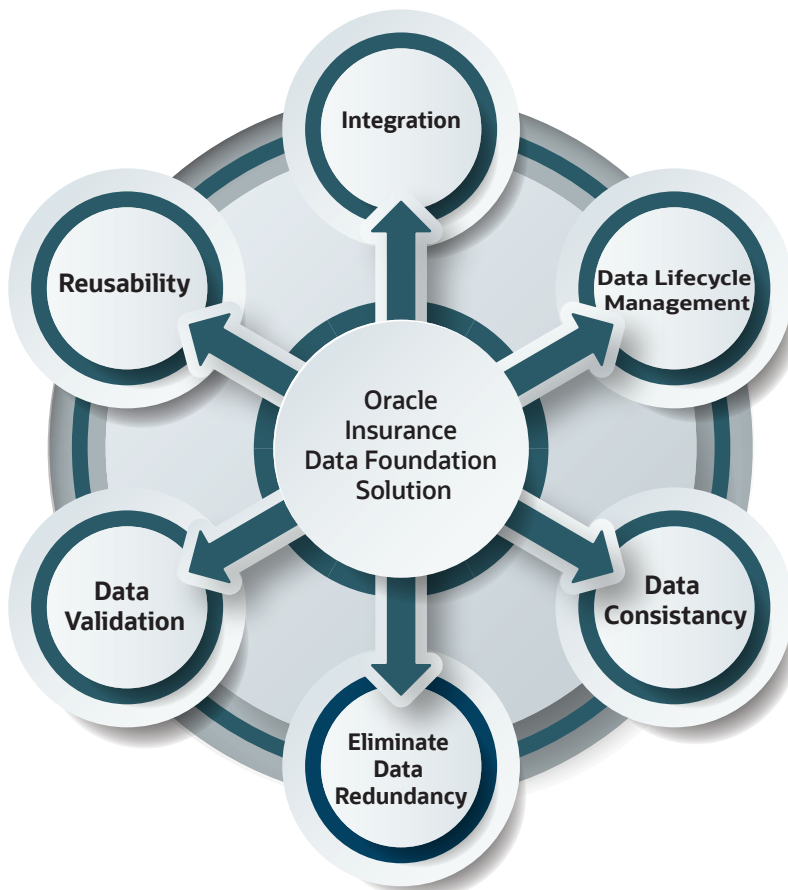


Oracle Financial Services Oracle Insurance Data Foundation

Data Sheet



The Oracle Insurance Data Foundation Solution



Integration

In-built integration with Oracle Financial Accounting Hub and with Oracle Data Integration Hub connect with as many source systems as required.

Data Life cycle Management

Insurers can manage the entire data lifecycle. Provide the capability to handle a high volume, what-if computations across business domains. A Stress Testing framework, allowing risk analysis to be performed under a variety of known scenarios.

Data Consistency

Eliminate accuracy and consistency issues with pre-built data quality checks contextualized to insurance institution analytical end-use.

Eliminate Data Redundancy

Physicalized, proven, unified and comprehensive data model for timely deployment.

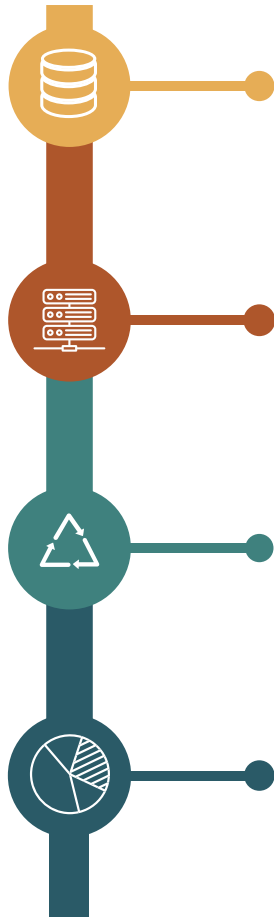
Data Validation

Pre Packaged Data Quality Checks along with framework ensures Data Accuracy and consistency thereby reducing the efforts on adjustment processes as well as re-executions due to erroneous inferences.

Reusability

Combines results from multiple business areas to easily and securely support cross-functional analytics throughout the enterprise

Key Features



Unified Data Model

- Common Staging Area: A simplified, unified data sourcing area for inputs required by analytical applications and engines
- Integrated Result Area where the output is organized based on applications
- Fully conformed dimensions for cross-functional analysis
- Gain Transparency by Eliminating data silos

Optimized Data Load

- Data Loading efficiency: Data model of the Common Staging Area comes with denormalized design to facilitate loading efficiency
- Manages variety of Data Categories: Master Data, Business Data, Reference Data

Data Life Cycle management

- Insurers can manage the entire data life cycle from arrival to the warehouse to the generation and consumption of analytical measures/metrics through built-in data transformations.
- Eliminate accuracy and consistency issues with pre-built data quality checks contextualized to insurance institution analytical end-use
- Manage multiple jurisdictions and currencies in a same Data platform
- Ability to extract Data Elements as Download Specifications for Analytical Use Cases

Analytical Capabilities

- Provides the capability to handle a high volume, what-if computations across business domains to support enterprise-level stress testing and scenario analysis
- Rapidly implement computational engines from Oracle and/or other third parties
- Along with Oracle Financial Services Advanced Analytical Infrastructure (OFSAAI) leverage a Stress Testing framework, allowing risk analysis to be performed under a variety of known scenarios corresponding to different input parameter values to risk models
- Certified for Autonomous Data Warehouse

OIDF FAH Integration

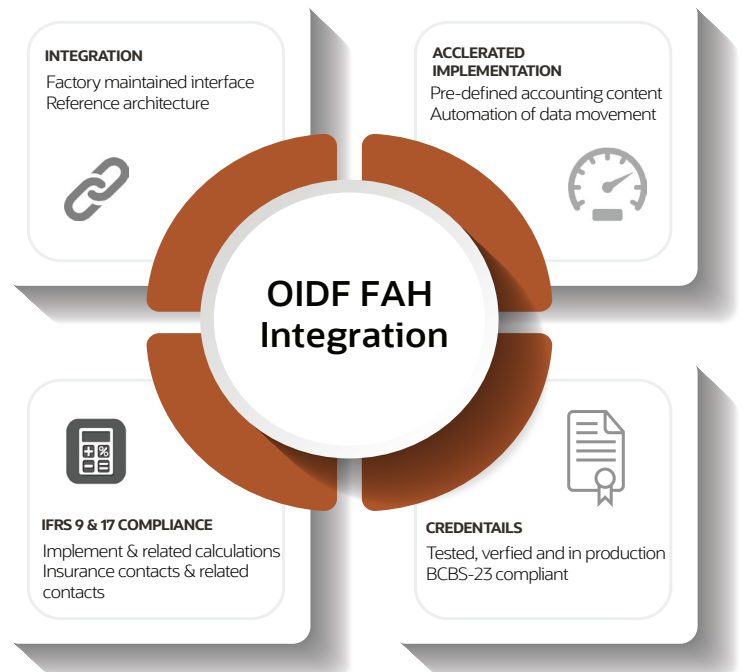
Efficient data exchange across transactional systems, OFSAA and AHCS

Accelerated deployment of integrated accounting solutions with AHCS

Minimised re-map and re-test effort upon upgrades

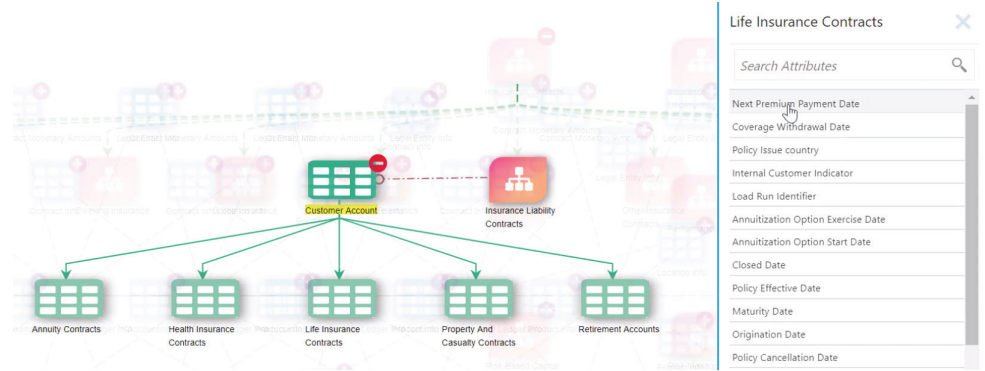
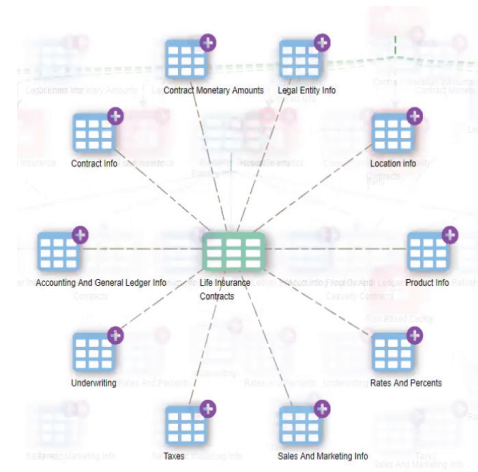
Improved data provenance and trace with meta-data coverage extending to data sources

Efficient options for reconciliation between product-processor and ledger figures



UI Driven Data model Search, View, and Query

- Along with Oracle Data Integration Hub, OIDF provides Data Domain Browser to view and query the Data model.
- This is in addition to the Excel-based data model reports that data Foundation provides currently.
- Provides substantially enhanced pre-packaged data model search capabilities through the Logical representation of the data model in the user Interface.
- DDB helps understand Entity Relationships.
- DDB provides Tags to search specific data elements.

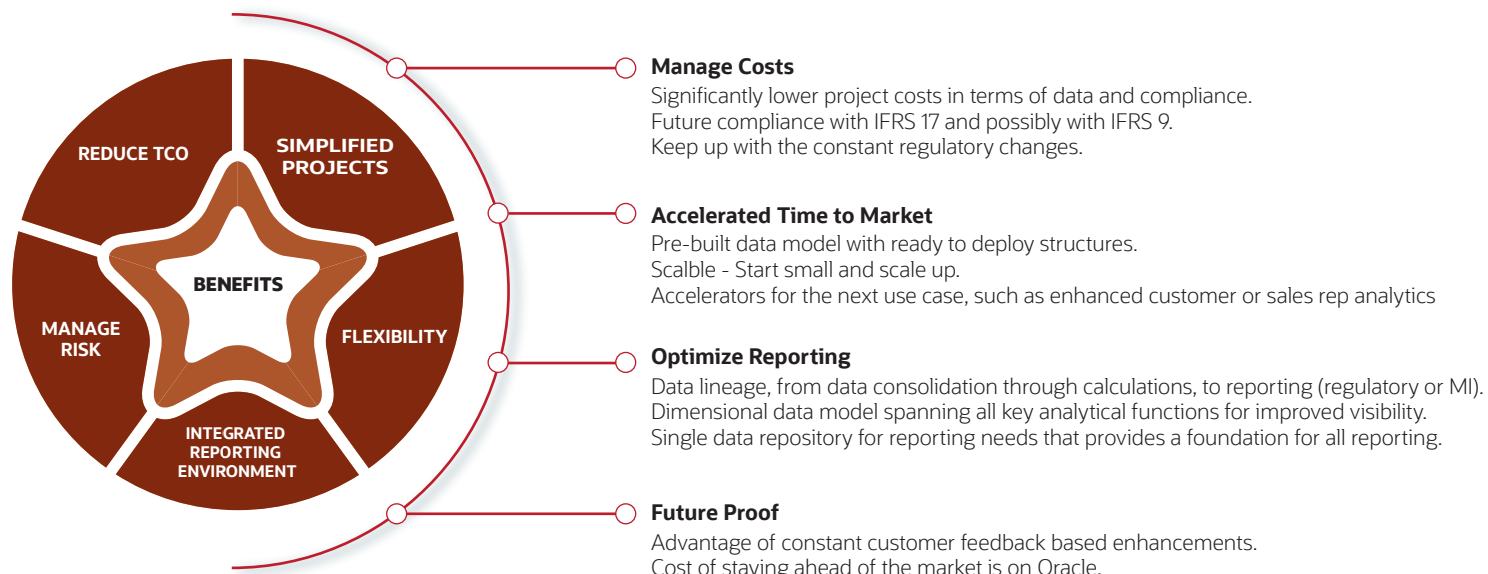


OIDF Data Model

OIDF data Model provides extensive business segment coverage and in-depth functional coverage supporting numerous use cases and analytics capabilities.

Insurance Contracts	Life, Health, Annuity, Retirement, Property and Casualty Reinsurance Held and Issued Group Insurance Insurance and Reinsurance Participation
Products and Coverage	Plain Vanilla versions Policy Fund and Allocation, Policy Covered Assets like Dwelling and Vehicle Policy Conversions Policy Options Policy Schedules Reinsurance Mitigants and Placed Collateral
IoT Data	Telematic Device Vehicle Servicing Health Wearables
Analytics and Reporting	IFRS17, LDTI Profitability Performance Analysis Solvency II MIS Reporting
Party	Party Identification Party Contacts Party Employment Party Rating Party Financials
Underwriting	Application, Quotes, Producer Contracts Party Medical, Substance Usage, Crime, Driving Violations Life Style Activities Policy Commissions
Actuarial Data	Cash Flows : Policy, HRG, Cohort HRG Summary Actuarial Policy Summary : BEL / RM / Matching Premium Actuarial Assumptions: Demographic, Financial, Market data
Capital Reporting	Add on Capital Group Details Solo / Consolidated Solvency II
Accounting	General Ledger, Management Ledger Policy Transactions Claims Transactions
Policy Covered Assets	Vehicle Dwellings or Fixed Assets Reinsurance Mitigants and Placed Collateral
Claims	Claim Occurrence Claim Investigation Claim Details Claim Reserves and Break Up Claim Transactions
Assets	Investments Derivative Foreign Exchange Commodities Real Estate

Oracle Insurance Data Foundation (OIDF) is a fully productized buy vs. build data management platform that empowers institutions to manage the analytical data life cycle from sourcing to reporting and business intelligence/BI using a unified, consistent platform and toolset.



The Competitive Edge

		Logical Data Model Approach	Industrial Data Model Approach	Oracle Insurance Data Foundation
Data Model	Ready-to-use Independent and open physical model to support Risk, Finance and Actuarial functions	Need to physicalize the Logical Model and hence not ready to use	Ready-to-use Physical Model but may not support Risk, Finance and Actuarial function	Ready-to-use independent and open Physical Model to support Risk, Finance, and Actuarial functions
	Data Model Search Capability	List Based	List Based	UI Based
Data Quality	Data quality Rules and ability to define new one	Available		Available
Coverage	Lines of Business	Life, Property and Casualty, Health, Annuity, Retirement, Reinsurance held	Life, Property and Casualty, Health, Annuity, Reinsurance	Life, Property and Casualty, Health, Annuity, Retirement Reinsurance Held, Reinsurance Issued
Governance	Data Governance, Lineage and Metadata Management			Available
	Ability to manage the entire Data Life Cycle		Not Available	Available
ETL Capabilities	Data Transformation	Available	Not Available	Available
Reporting	BI reporting capabilities	Available		Available
Integration	OIDF-FAH			Available
Modeling capabilities	Python/R/Jupyter notebook integration	Available	Not Available	Available
Certification	Autonomous Datawarehouse			Available
	Cloud Hosting			Available

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