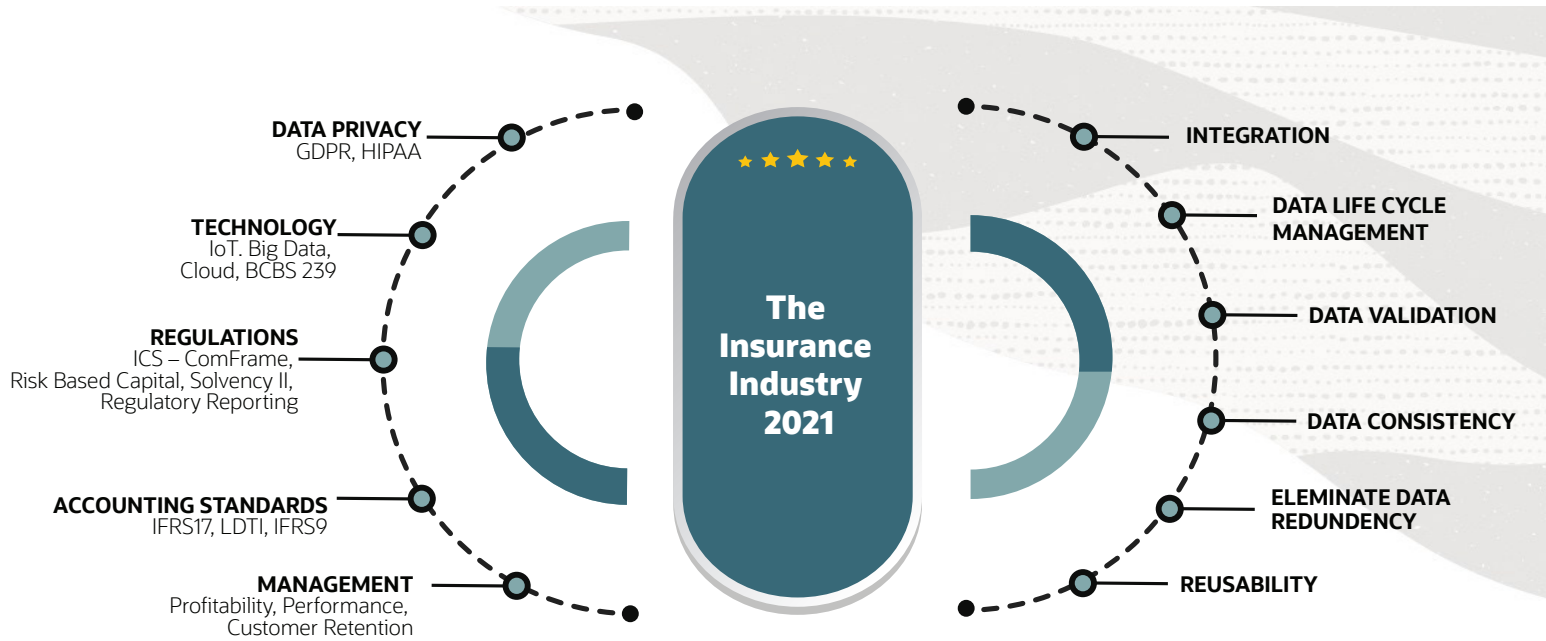
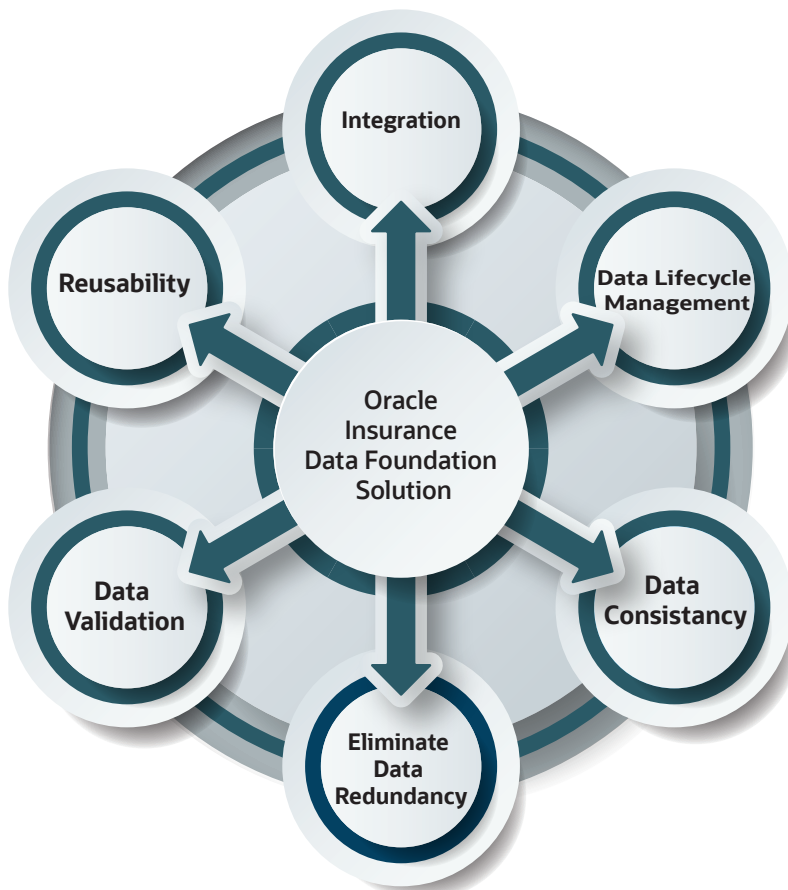


# Oracle Financial Services Oracle Insurance Data Foundation

## 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.

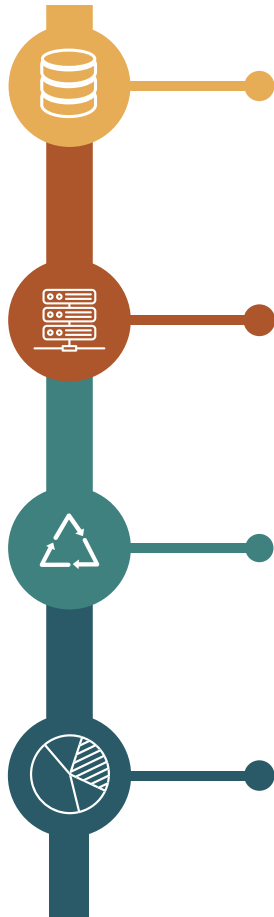
### Data Validation

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

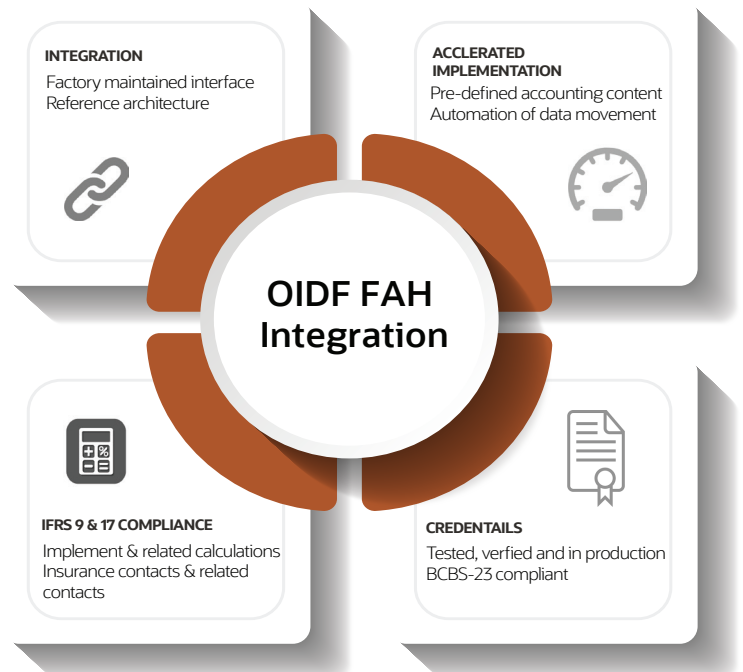
Efficient data exchange across transactional systems, OFSAA and AHCS

Accelerated deployment of integrated accounting solutions with AHCS

Minimised re-map and re-test effort upon upgrades

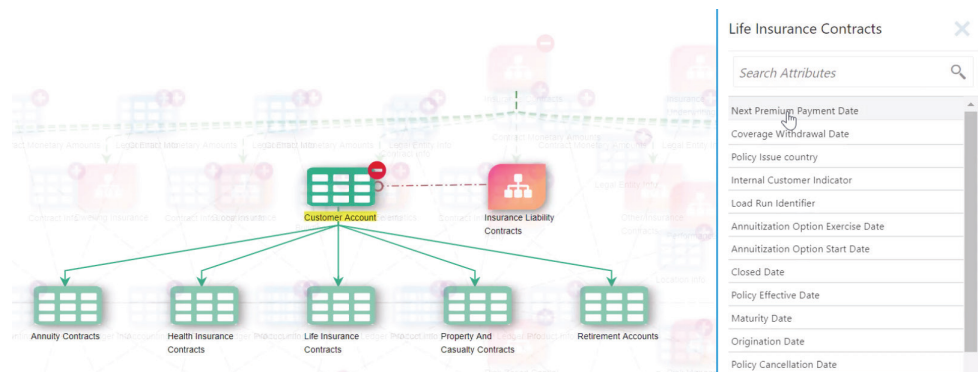
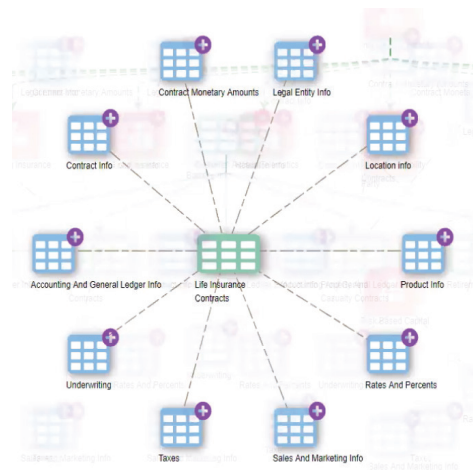
Improved data provenance and trace with meta-data coverage extending to data sources

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.

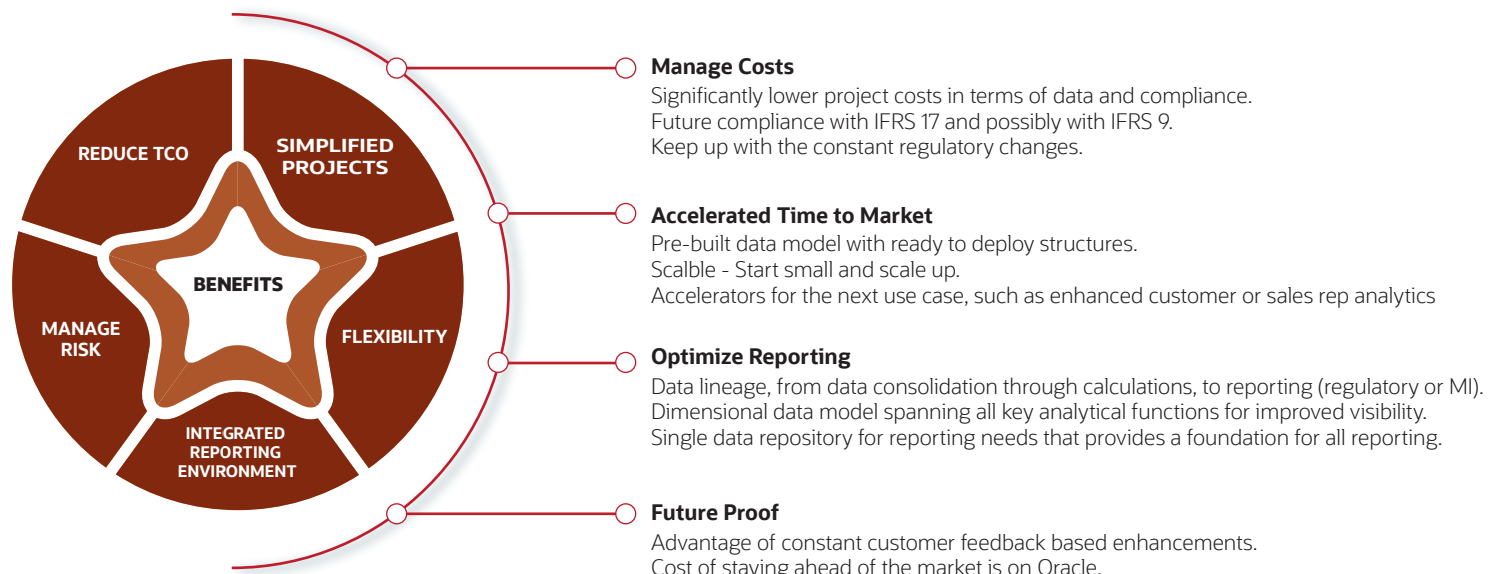


## OIDF Data Model

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

<b>Insurance Contracts</b>	Life, Health, Annuity, Retirement, Property and Casualty   Reinsurance Held and Issued   Group Insurance   Insurance and Reinsurance Participation
<b>Products and Coverage</b>	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
<b>IoT Data</b>	Telematic Device   Vehicle Servicing   Health Wearables
<b>Analytics and Reporting</b>	IFRS17, LDTI   Profitability   Performance Analysis   Solvency II   MIS Reporting
<b>Party</b>	Party Identification   Party Contacts   Party Employment   Party Rating   Party Financials
<b>Underwriting</b>	Application, Quotes, Producer Contracts   Party Medical, Substance Usage, Crime, Driving Violations   Life Style Activities   Policy Commissions
<b>Actuarial Data</b>	Cash Flows : Policy, HRG, Cohort   HRG Summary   Actuarial Policy Summary : BEL / RM / Matching Premium   Actuarial Assumptions: Demographic, Financial, Market data
<b>Capital Reporting</b>	Add on Capital   Group Details   Solo / Consolidated   Solvency II
<b>Accounting</b>	General Ledger, Management Ledger   Policy Transactions   Claims Transactions
<b>Policy Covered Assets</b>	Vehicle   Dwellings or Fixed Assets   Reinsurance Mitigants and Placed Collateral
<b>Claims</b>	Claim Occurrence   Claim Investigation   Claim Details   Claim Reserves and Break Up   Claim Transactions
<b>Assets</b>	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
<b>Data Model</b>	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
<b>Data Quality</b>	Data quality Rules and ability to define new one	Available		Available
<b>Coverage</b>	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
<b>Governance</b>	Data Governance, Lineage and Metadata Management			Available
	Ability to manage the entire Data Life Cycle		Not Available	Available
<b>ETL Capabilities</b>	Data Transformation	Available	Not Available	Available
<b>Reporting</b>	BI reporting capabilities	Available		Available
<b>Integration</b>	OIDF-FAH			Available
<b>Modeling capabilities</b>	Python/R/Jupyter notebook integration	Available	Not Available	Available
<b>Certification</b>	Autonomous Datawarehouse			Available
	Cloud Hosting			Available

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