

Frequently Asked Questions

Oracle Financial Services Data Integration Hub

Introduction

This document provides answers to pertinent questions for Oracle Financial Services Data Integration Hub (OFS DIH)

Questions and Answers

Q: *What is the product value proposition?*

A: Oracle Financial Services Data Integration Hub simplifies data acquisition into Oracle Financial Services Analytical Applications (OFSAA) via a logical abstraction of the OFSAA Data Foundation for Risk, Performance, Customer Insight and Compliance Applications;

1. Makes application driven data integration easy with application attributes as filters.
2. Provides a layer of abstraction that helps minimize the impact of significant changes to the physical model on upstream data acquisition processes.
3. Maintenance of mapping over the period makes less cumbersome on client side even on staging model changes.
4. Enables data lineage from source to consumption in Reports
5. Allows heterogeneous sources to be integrated seamlessly based on logical mapping. Hides the technical complexities under the hood.

Q: *What are the key capabilities of Oracle Financial Services Data Integration Hub?*

- A: - Abstract, logical & Business oriented target for loading data into OFSAA
- Metadata driven data mapping

- Horizontal & vertical integration of data from heterogeneous data sources – Mainframes, XML, Text, Relational and Hadoop/HDFS included.

- Simplification of mapping:

- Auto-mapping
- Excel mappings
- Filtering of attributes based on application requirement.
- No duplication of mapping for entities of same type such as customer account i.e. Term deposits, CASA etc.

- Row level transformations for standardization of value codes

- Defaulting
- Parameterization
- Expressions
- Lookups

- Prebuilt integration with Oracle products

- Oracle Banking Platform
- Oracle FLEXCUBE
- Oracle Fusion Accounting Hub
- Oracle Customer Hub B2B and Oracle Customer Hub B2C
- Oracle Data Relationship Management

Q: *Key Features of Oracle Financial Services Data Integration Hub?*

- A: • Provide complete inbound and outbound data services to and from OFSAA

- Supports a variety of source types including: ASCII File, XML, EBCDIC file, Oracle Database, Hadoop HDFS files, & Hive
- Merge data from multiple SDIs into one ADI; split data from one SDI into multiple targets via one ADI
- Pre-configured data interfaces and pre-built mappings with the ability to build additional ones for other source systems

Q: *Key Benefits of Oracle Financial Services Data Integration Hub?*

- A:
- Ensure future compatibility and minimize changes over time driven by evolving Analytical Application data requirements and design in future releases
 - Satisfy Regulatory demands for standardization and unification of data sourcing
 - Cut down the time spent on product integrations
 - Reconcile data post loading.
 - Support Intra-day and End of Period Batch operations
 - Manage upstream data acquisition and maintenance

Q: *How does the product work with the rest of the OFSAA suite/platform?*

- A: The Data Integration Hub connects data from the source system to the Oracle Financial Services Data Foundation, which then in turn utilizes the data for any implemented OFSA application. DIH pre-builds the mapping so the IT team no longer needs to understand the structures and mapping, making upgrades and new releases a seamless process in the future.

We offer a published set of Data Integration Hub connectors for known Oracle sources and deploy them based on installed OFSAA applications.

Q: *What are the business pains that this application addresses?*

- A:
- Complex data sourcing issues in large financial institutions continues to be a drag on the IT budgets.
 - Increasing Regulatory demands for standardization and unification of data sourcing.

- Increasing adoption of the Oracle Financial Services Data Foundation and other Oracle products to support large transformational projects that demand native integration of Oracle products

- Impending deadline of BCBS 239 for Global SIFI's

Q: *What are the key competitive differentiators?*

- A: No competitor offers productized integrations that serves the need of a large suite of Applications such as OFSAA. This is a unique and significantly differentiated offering in the market place that seeks to reduce the overall TCO of data acquisition for our customers. Data acquisition costs and efforts are one of the largest in any implementation; traditionally financial institutions have built large teams to sustain the data sourcing processes and invested heavily in various ETL tools in the market and in learning proprietary data sourcing languages used in these ETL tools. Having paid a heavy price in building complex procedural code that provide no transparency and buries business logic in compiled code, financial institutions are now highly seeking traceability and maintainability in such data sourcing approaches. Oracle Financial Services Data Integration Hub offers a credible alternative and a solution to these vexing issues.

Q: *I am an existing customer of OFSAA. How can we leverage already built T2T processes when we implement DIH?*

- A:
- Existing T2T process between staging to processing will continue to be used and no change is envisaged when DIH is deployed for upstream data acquisition/pre-staging process.
 - Pre-defined OFSAA F2T metadata can be converted to DIH metadata and an utility to do the same will be made available shortly.
 - Existing definitions in other third party ETL tools could be ingested as DIH metadata if available as mappings in Excel format.

Q: *We are embarking on a finance transformation process with Fusion Accounting Hub and GL, how does DIH fit into this transformation process?*

- A: Oracle Financial Services Data Integration Hub can be used for sourcing data into OFS Data Foundation for all transactions/events relevant for

the accounting process. The FAH/GL – OFSAA integration provides pre-built integration with FAH – seeds transaction, reference objects, event types etc. The FAH/GL (Fusion) data post the GL processes are then fed back into OFS Data Foundation staging area for the Accounting Ledger(Thin) and Management Ledger (Thick) build out through the processing engines of OFSAA. GL Reconciliation Processes in staging ensures the financial integrity of source system (product processors) data at an account/contract level with the GL and Management Ledger.

Q: *Does OFS DIH replace our existing ETL tools?*

A: DIH does not replace existing enterprise ETL tools. DIH and its pre-built options are enablers for loading extracted source data into OFSAA staging area.

Q: *Do we need to use ODI as an ETL tool with OFS DIH?*

A: The option to use ODI as an enterprise ETL tool exists. If the customer has ODI then DIH license would be an add-on. ODI usage within DIH is

under the hood and transparent to the end user. A onetime setup activity for ODI is all that is needed. End-users interact with OFS DIH user interface for definition and multiple execution options exist. DIH executions are integrated with the OFSAA Run Framework; executions are supported as ODI Batch Jobs and through ODI Batch integration with Third Party schedulers.

Q: *Should we use OFS DIH for performing Data transformations?*

A: Standardization of value codes coming in from multiple data sources are a very good example of the kind of data transformations that we recommend that our customers do.

Q: *Where can I get information on Hardware Sizing for DIH?*

A: This will be provided on request. A Hardware size estimator is in the works and will be made available shortly to the sales consulting organization. Sizing has to be arrived at with a formal workshop with the prospect/customer seeking inputs to the estimator.



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