Oracle Financial Services Data Integration Hub

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FINANCIAL SERVICES

In the world of Financial Services, data holds the key to *everything*: business insight, managerial and regulatory reporting, customer acquisition and retention, and so on; and at the forefront of data management are the IT systems that house this data. When an organization does not have the proper set up to move data from one system to another, they will struggle to be successful in the eyes of regulators and, more importantly, customers. Oracle Financial Services Data Integration Hub alleviates the resources needed to establish the movement of data from a variety of Oracle Systems into Oracle Financial Services Analytical Applications (OFSAA).

KEY FEATURES

- Provide complete inbound and outbound data services to and from OFSAA

- Supports a variety of source types including: ASCII files, XML, EBCDIC files, database, HDFS & Hive

- Merge data from multiple sources into one target; split data from one source into multiple targets via one target

- Pre-configured data interfaces and pre-built mappings for Oracle data sources with the ability to build additional ones for other source systems

KEY BENEFITS

- Ensure future compatibility and minimize changes over time driven by evolving data requirements and design

- Satisfy regulatory demands for standardization and unification of data sourcing

- Cut down the time spent on product integrations

- Rich set of metadata filters provided for definition and data filters for determining data sets to load, transform, lookup etc.

- Support Intra-day and End of Period Batch operations

- Manage upstream data acquisition and maintenance

Simplify Data Acquisition into OFSAA

As any financial institution IT team knows, there is a constant plethora of systems the bank must leverage to complete a variety of tasks; from front office systems to accounting department needs, and risk management tools, each system has their own data requirements. It's imperative all systems speak the same data language, but unfortunately data is typically managed in silos, resulting in disparate analytics and insight.

Oracle Financial Services Data Integration Hub (DIH) was created to streamline data acquisition from a variety of source systems into Oracle Financial Services Analytical Applications by maintaining the source to OFSAA mappings. Once built using DIH, you are significantly insulated from changes that happen to the OFSAA data model over time, saving your organization significant resources.

In addition, DIH enables logical mapping to the OFSAA Data Foundation and Application models for landing data into OFSAA. This provides simple yet powerful tools for data integration that includes the ability to do lookups, transformations, defaults for standardization, control definitions for completeness checks, and so on.

Pre-built Product integrations for Oracle Products

Oracle Financial Services Data Integration Hub comes with a number of connectors that package out-of-the-box integration with various Oracle products. The products listed below play a significant role in providing the key data mappings to be used in OFSAA and eliminate bespoke ETL programming. By leverage the connectors, a massive data mapping exercise takes place between the sources of data and OFSAA, alleviating this from having to be done manually. In addition, the connectors automatically provide you with new releases of the integrations as the products evolve over time; therefore, taking the responsibility of ongoing maintenance as well. The only requirement for the IT

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- Oracle Financial Services Data Foundation
- Oracle Financial Services Enterprise Risk Management
- Oracle Financial Services Financial Crime & Compliance Management
- Oracle Financial Services Customer Insight
- Oracle Financial Services Finance & Treasury Management

department is to manage the mapping of the extensions from the source application to the OFSAA data model. This now results in incremental maintenance work, as opposed to a traditional development life cycle for new mappings and new versions of the products.

Oracle Financial Services Data Integration Hub integrates with the following Oracle products as out-of-the-box options.

- **Oracle FLEXCUBE** can help banks address customer needs, empower knowledge workers, and provide much-needed agility to their IT divisions. With its up-to-date functionality, business process management capability, and service-oriented architecture, Oracle FLEXCUBE transforms the way financial products are created, delivered, sold, and serviced. The pre-integrated solution delivers a powerful combination of business applications and technology, built on open standards.
- **Oracle Fusion Accounting** Hub (FAH) is an accounting integration and reporting platform that includes the following products: Subledger Accounting, Ledger, and Financial Reporting Center. FAH offers a flexible approach to system adoption, allowing customers to implement Fusion Financials in an evolutionary manner.
- **Oracle Customer Hub (B2B and B2C)** is a customer data integration (CDI) solution that enables organizations to centralize information from heterogeneous systems, creating a single view of customer information that can be leveraged across all functional departments and analytical systems.
- **Oracle Data Relationship Management** helps proactively manage changes in master data across operational, analytical, and enterprise performance management silos. Users may make changes in their departmental perspectives while ensuring conformance to enterprise standards. Whether processing financial or analytical information, Oracle Data Relationship Management delivers timely, accurate, and consistent master data to drive ongoing operational execution, business intelligence, and performance management.
- **Oracle Banking Platform** is a comprehensive, pre-integrated solution that enables large banks to take the complexity and cost out of technology and focus investment on executing a strategic transformation of their business. Designed to help banks respond strategically to today's business challenges and progressively transform their business models through industrialized business processes, driving productivity improvements across front and back offices, and reducing operating costs.

Create Inbound and Outbound Data Services

Regulatory pressures are increasing on a daily basis around the standardization of data. An organization can have the best of breed applications in place, but in the absence of well defined data foundation and data integration capabilities, these applications will do a subpar job of producing the right analytics, leading to a misinformed decision making process and the risk of incurring regulatory fines

Oracle Financial Services Data Integration Hub was designed specifically to give OFSAA customers the ability to leverage complete inbound and outbound data services to and from OFSAA staging, while helping the organization establish standardization and unification of data. Figure 1 below shows where this fits in the OFSAA ecosystem.
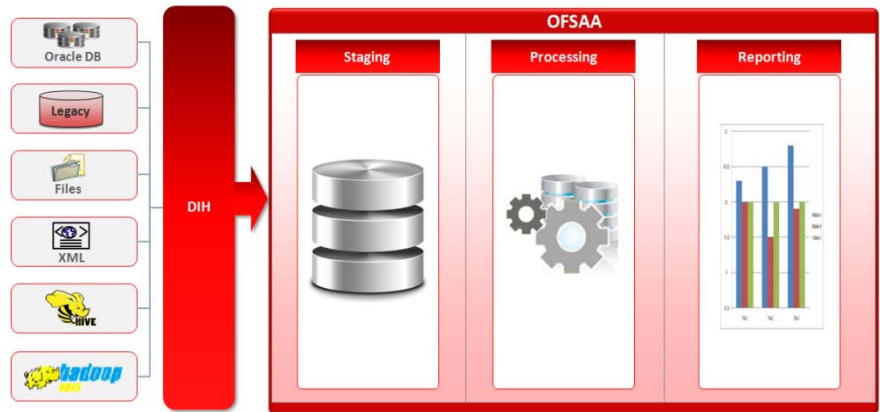
Figure 1: Where is DIH in the OFSAA ecosystem?

Support Organizational-wide IT Transformational Projects

One of the largest expenditures an organization faces, both from a money and time perspective, is on data sourcing, standardization and ongoing maintenance of mappings. With Oracle Financial Services Data Integration Hub, financial institutions can significantly cut down the time spent on product integrations and turn their focus onto managing the daily operations of the organization.

Currently, Oracle Financial Services Data Integration Hub has out-of-the-box, pre-built integration packs for the products listed above; in addition, the capability exists for customers to work with partners and Systems Integrators to build integration packs for other popular sources. By leveraging the pre-built mappings in this tool, the time and resources traditionally required to understand system structures and data mapping are minimized, resulting in a significant cost savings for the organization.

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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Oracle is committed to developing practices and products that help protect the environment