

Hyperion Financial Data Quality Management (FDM): It's Not Just For Financial Data Any More

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Agenda

- Introductions
- Client Business Case
- Oracle (Hyperion) Financial Data Quality Management (FDM) Overview
- Implementation
- Lessons Learned/Next Steps

FinIt Introduction

Jay Hampton – Finance IT Consultant

- Member of the Oracle Partner Network (OPN)
- Concentration on Oracle / Hyperion products
 - Implemented FDM / HFM / HE to over 5,000 users and 4,500 site locations
 - Implemented complex HFM needs (GAAP, Tax Reporting, Cash Flow)
- Focus on providing superior service: every client is a reference!
- Ranked by Inc Magazine in 2007 and 2008 as one of the Top 100 fastest growing private IT Services companies in the US.
- Clients include: SPX, United Technologies, Pfizer, Fannie Mae, Heinz, Masco, Yum! Brands, Johnson Controls, Comcast, Chevron, Tyco

Client Introduction

- Strategic holding company that manages a portfolio of global market leaders operating in the disciplines of advertising, marketing services, specialty communications, interactive/digital media and media buying services

Client Business Case Prior Process

- Required to collect, validate and consolidate HR Data for over 200+ agencies
- Prior to FDM
 - Excel templates were used by populated by agencies and sent to 3rd Party vendor who manually validated and consolidated the data

Client Business Case Risks

- Limited validation – validations were limited to those created in the excel template
- Unsecure – No way to know who was entering or viewing the data for an agency
- Costly – The 3rd party vendor charged money to validate and consolidate the data for the client
- Lack of controls – No way to ensure what version of the template users were using

Client Business Case Risks (Cont.)

- Lack of reporting – Going to great lengths to capture this data but there was no way easy way to report on it.
- Lack of consolidation – Data was not easy to consolidate since it was in multiple files and different formats
- Unable to track – No easy way to track who has and has not submitted or keep up with who is responsible for submission

Client Business Case Risks (Cont.)

- Began searching for alternatives
 - 3rd Party Vendor?
 - Custom In House Solution?
 - Alternative Use of existing Product?
- Client's Finance team uses FDM during their month end Financial consolidation so they inquired as to feasibility of using FDM as a data warehouse
- Proof of concept was developed using FDM

FDM Overview

- Transformation and validation tool that feeds source-level financial data to consolidation, reporting, planning, and analytical applications
- 4 step process
 - Import
 - Validate
 - Export
 - Check

The screenshot shows the Oracle Financial Data Quality Management (FDM) interface. The main window displays the 'Validate' step of a 4-step process (Import, Validate, Export, Check). The interface includes a menu bar (File, Workflow, Activities, Analysis, MetaData, Tools, Administration, Help) and a sidebar with navigation options (Workflow, Last Step, Import, Validate, Export, Check, Activities, Analysis, MetaData, Tools, Administration). The main area shows a data table with the following columns: FM Entity, FM Account, ICP, Custom1, Custom2, Custom3, Custom4, and Amount. The table contains several rows of financial data for various entities and accounts.

FM Entity	FM Account	ICP	Custom1	Custom2	Custom3	Custom4	Amount
ALP_ADJ	CTA_FOREIGN_VAL	[ICP None]	[None]	[None]	[None]	[None]	1,826,345.29
ALP_BRAZIL_HIST	AAOTHINT_OTHER	[ICP None]	[None]	[None]	[None]	[None]	-133,536.45
ALP_BRAZIL_HIST	AP_OTHER	[ICP None]	[None]	[None]	[None]	[None]	257,000.00
ALP_BRAZIL_HIST	AR_PRODUCT	[ICP None]	[None]	[None]	[None]	[None]	88,375.61
ALP_BRAZIL_HIST	CASH_OTHER	[ICP None]	[None]	[None]	[None]	[None]	1,344.17
ALP_BRAZIL_HIST	DEFINTAX	[ICP None]	FOREIGN	[None]	[None]	[None]	7,328,595.70
ALP_BRAZIL_HIST	DITNCASSET	[ICP None]	FOREIGN	[None]	[None]	[None]	-1,284.24
ALP_BRAZIL_HIST	DRMT_ICAPFX	[ICP None]	[None]	[None]	[None]	[None]	-4,161.12

FDM Overview (Cont.)

- 35 Available Dimensions for storing data
- Very “Open” to customization using vbScript
 - Event Scripts
- All data stored and translated in one data warehouse
- ‘Active Reports’ built into product

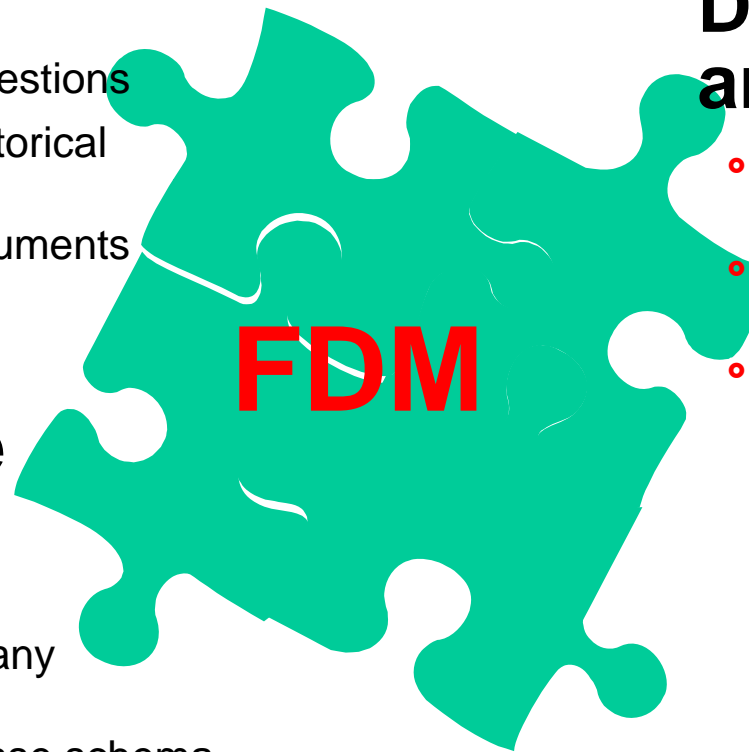
FDM Overview (Cont.)

Audit Trails

- Integrate Controls questions
- Store current and historical mapping definitions
- Store supporting documents

Repeatable Processes

- Single standard and defined solution for any target application
- Standardized database schema
- Standard upward data certification process



Data Collection and Transformation

- Read and interpret any G/L trial balance file
- Mapping validation against target system dimensions
- Data integrity checking against data validation rules

Internal Controls

- Source financial document archival
- Prepackaged audit and internal control reports
- Comprehensive role based security

Implementation / Solution (Cont.)

- Configured FDM to handle loading of multiple dimensions (56 Dimensions Total):
 - SSN
 - Name
 - Home Address
 - Employee Start Date
 - Leave Reason
 - Salary
 - Job Title
 - Leave Date
 - Termination Reason
 - Benefit Effect Date
 - FT/PT
 - Pay Frequency

Implementation / Solution (Cont.)

- HR Team developed validations
 - Level 1 Errors (4) – Validation FAILED ALL Records
 - Agency FEIN must be XX-XXXXXXX
 - SSN must be XXX-XX-XXXX
 - Level 2, 3 Errors (40+) – Validation WARNING, individual records FAIL
 - Invalid Birthdate
 - Invalid State Code
 - Level 4 Errors (5+) – Validation Pass - FYI

Implementation / Solution (Cont.)

- Email Alerts
 - Confirming load and whether or not valid
 - Auto Reminder if no data submitted by deadline
- Scheduled Consolidation
 - Weekly consolidation of data into file that is FTP'd to benefits provider
 - Automatic “Pull Forward” of data for those agencies that did not submit new data

Implementation / Solution (Cont.)

- End User Reporting
 - Error Listings
 - Critical Changes Report
- Administrator Reports
 - Process Monitor Reports
 - Employee Counts By Agency
 - Agency Transfers
 - Same error for Three Weeks
 - Business Rules Error Reports

HRAPP (FDM) Demo

Benefits

- FDM Act as the central data repository for all Agencies data, giving all users one place to load their files.
- Utilize multi-dimensionality capabilities of FDM to allow for the storing of 55 unique fields of information
- 50+ validations performed on the submitted data to ensure that it meets the specifications required by both the client and Hewitt

Benefits

- Consolidate all data loaded into 1 file that can then be FTP'd to Hewitt directly.
- Produce reports that allow users to analyze and confirm their data was loaded correctly.
- Allow for application customization to include: email alerts, scheduled loading, process monitoring, custom error tracking, etc.
- Data is secure

Lessons Learned

- There's not much FDM can't be customized to do. Even the menu options can be customized!
- Given FDM's robust dimensionality numerous fields and types of data can be stored.
- Thinking through and developing a process is key for successful implementation

Questions????

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