

Hyperion Financial Data Quality Management (FDM) Beyond Consolidations

Advanced Integrations and Options

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Agenda

- Introduction
- Overview of Hyperion Financial Data Quality Management (FDM)
- Changes in Data Quality
- FDM's new enhancements
 - FDM Tax Extract Adaptor
 - FDM Data Pull Adaptor
 - Batch Loader – Lights Out Processing
- Business Case for FDM with Non-Consolidation Systems
- Real Life Examples of Multiple Integrations
- Taking FDM to the next level

Finit Solutions

- Hyperion Preferred Partner and a Member of the Oracle Partner Network (OPN)
- Concentration on Oracle / Hyperion products
- Recognized in the 2007 Inc 500 as the 42nd fastest growing IT services company – the only Hyperion partner to make the list
- Focus on providing superior service and value to our clients by providing Hyperion expertise, strong Finance / Accounting knowledge and by being proactive
- Some of our clients include: United Technologies, Pfizer, Johnson Controls, Comcast, Chevron, Mittal Steel and Tyco

What is Hyperion Financial Data Quality Management?

- Packaged application for Financial Data movement from any data source to any Hyperion application (Enterprise, HFM, Essbase, Planning, etc.)
- Archives all dimensional mapping from sources to target
- Complete transparency / audit trail for all data and user processes
- Built for business users to administer and maintain
- Unique product in industry

FDM Benefits

- Reduces Risk
 - Transparency into data and processes
- User Friendly Interface
 - Out of the box application approach
 - Web Architected
- More Efficient
 - End Users load quickly
 - Questions answered

FDM Benefits (Cont.)

- Flexible
 - Can read any file from any system
 - Validation rules by location to ensure quality
 - Capture all supplemental data
 - Can load HFM, Enterprise, Planning, Essbase, HSF
- Sarbox Compliant
 - Standardized controls
 - Transparency / Audit trails
 - Sarbanes Oxley 302 sub certification

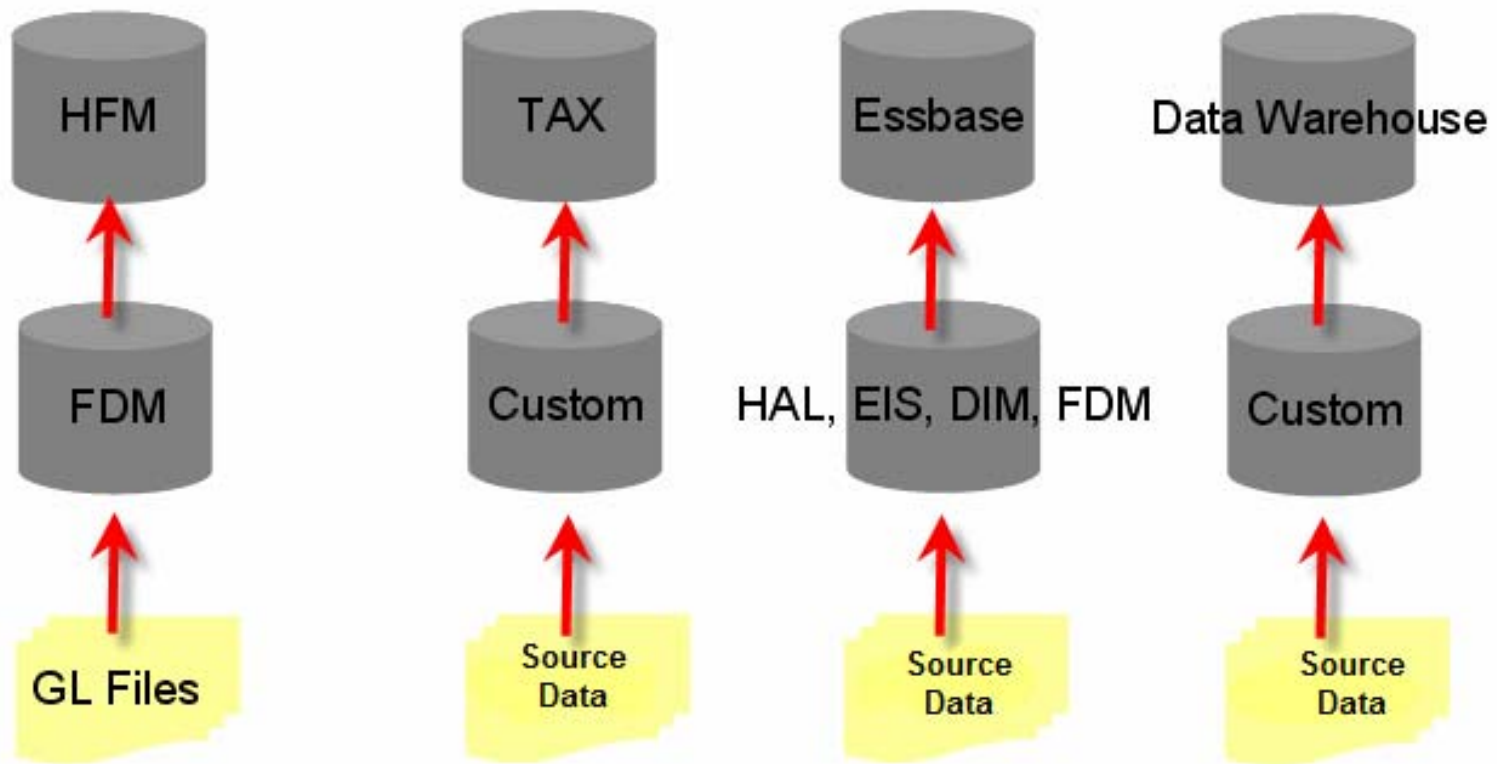
FDM for Consolidations

- Companies originally purchased FDM for the benefits associated with loading to a consolidation system
 - Controlled process
 - Ownership and responsibility on sites for their data
 - Data Quality – Data has to be right and Actual data has increased Sarbox requirements
 - Submission of Trial Balance and Supplemental information
 - Sarbox Requirements
- Hyperion FDM was designed to handle loading from multiple sources and users

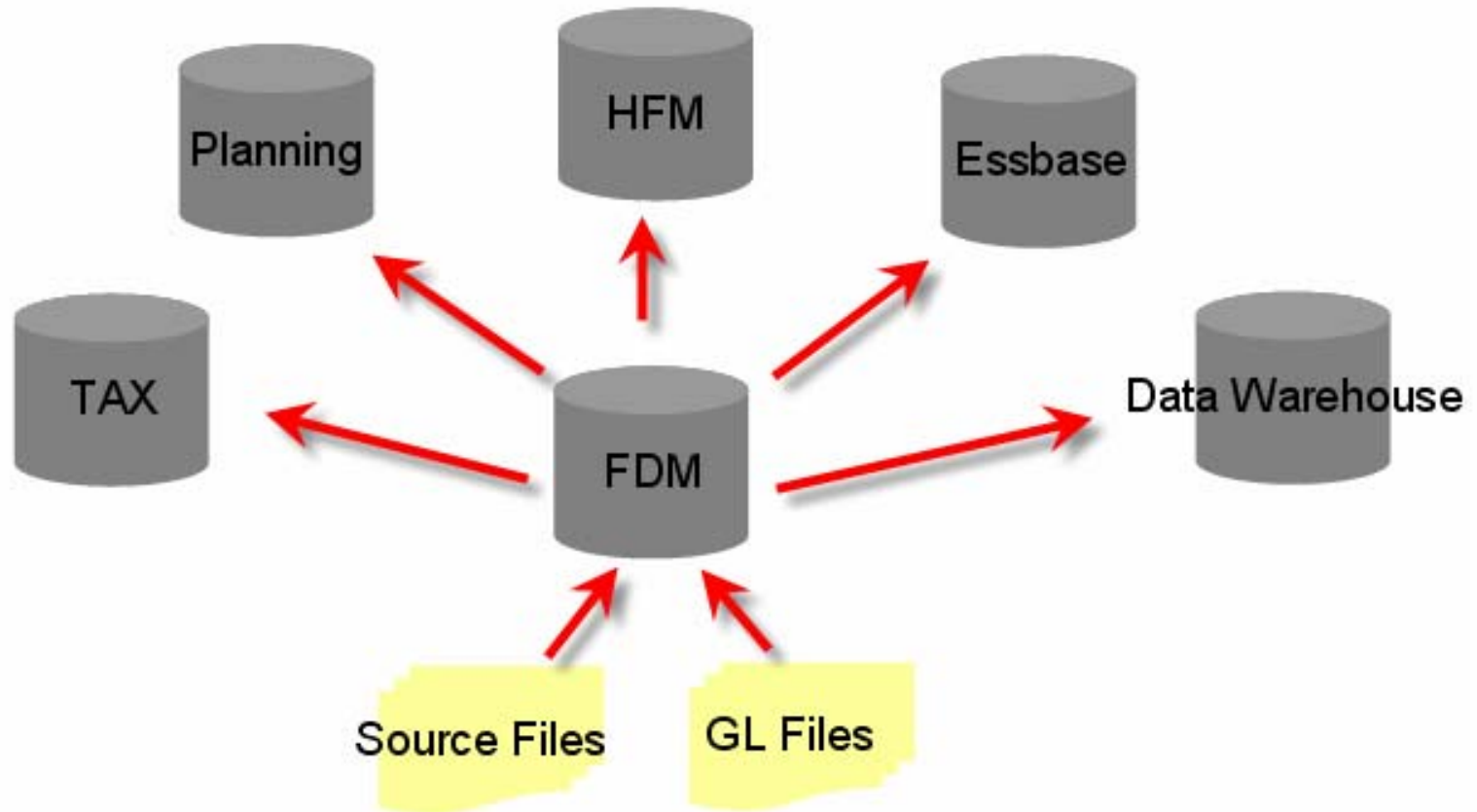
Changes in Data Quality

- Companies are using multiple target systems which require multiple data sources and levels of detail
- Companies are increasingly using tax systems and data warehouses that require financial data
- With these changes, companies are looking at the following items:
 - Reducing redundant loads
 - Requiring Data Quality on all of these submissions.

Previous Focus



New Focus



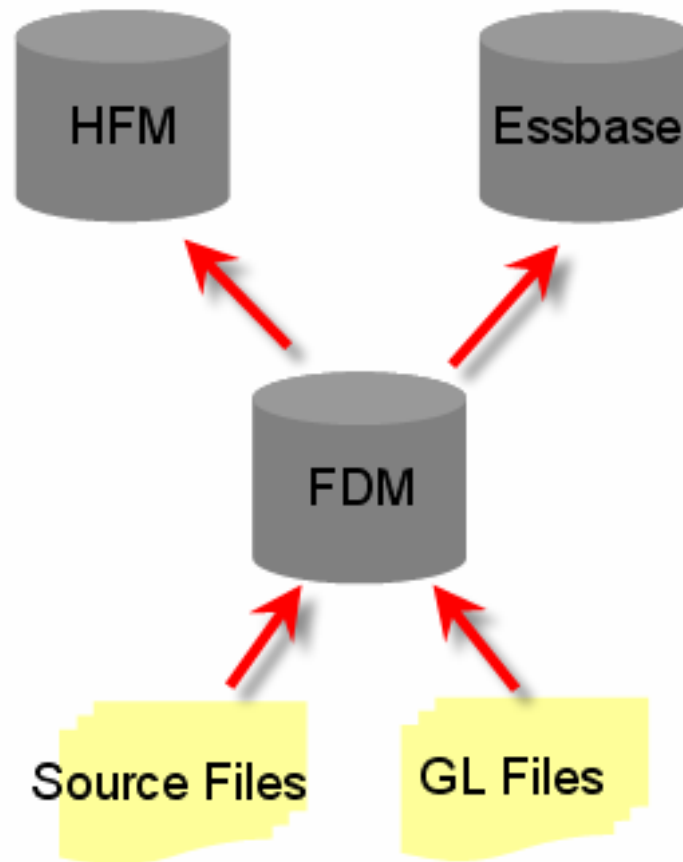
Business Case for FDM with Non-Consolidation Systems

- Varying levels of data detail
- Standardization of data loading
- Centralized data repository
- Audit trail detail is maintained
- Varying data loading methods (manual v. automated)
- FDM can load metadata updates to Essbase
- Source and target analytic capabilities across systems

How Has FDM been Improved to Handle the New Direction?

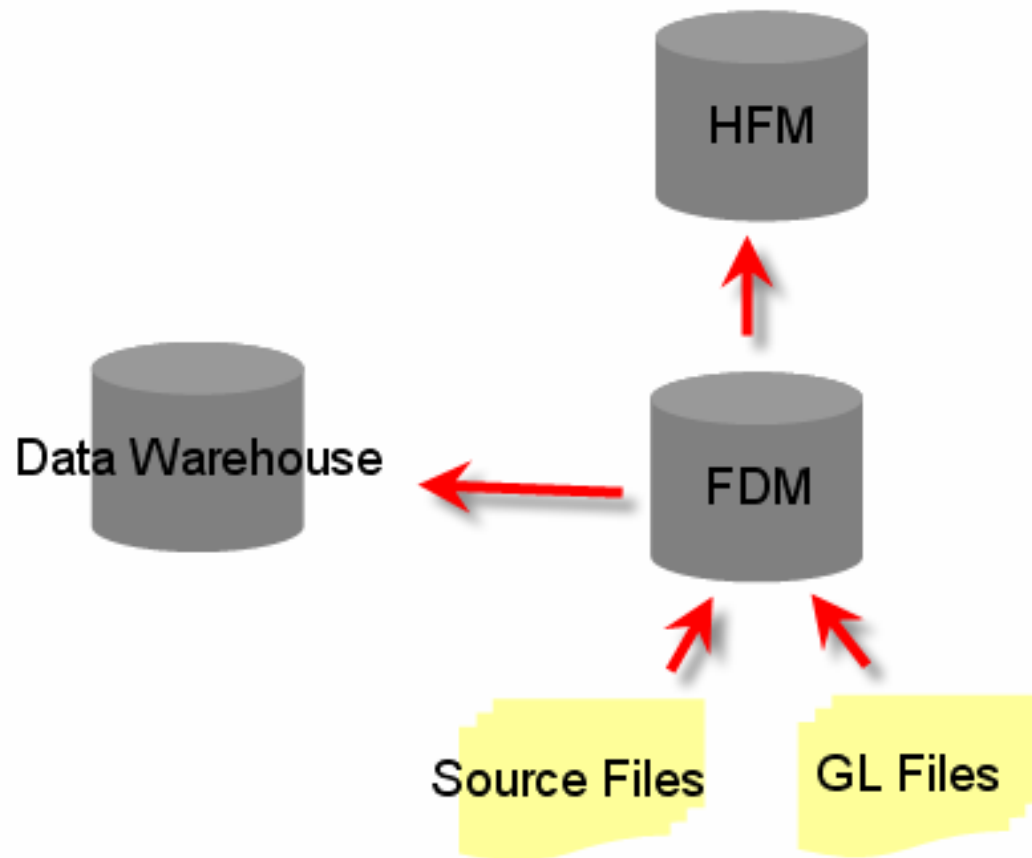
- Additional Dimensions
 - 23 'map-able' dimensions
 - 14 attribute dimensions
- Batch Loader has been improved
 - Hyperion FDM performs true Lights Out and Auto-Map processing
 - Email notifications
 - Can also move data between Hyperion apps, especially if mapping and a transformation needs to take place
- Tax Extract Adaptor
 - Allows organizations to dump source and target balances into a text file format that can then be loaded into a target Tax System
- Data Mart Adaptor
 - Allows users to map and validate data when going to a non-Hyperion source such as a Data Warehouse
 - Used to map source data to common metadata members or formats

Real Life Situations - #1



- Source files are input into FDM.
- Cost Center detail is summarized in the mapping to HFM.
- Cost center detail is not summarized and loaded into an Essbase cube that contains cost center details

Real Life Situations - #2



- Source files are input into FDM. Additional FDM dimensions are used to store detail not needed inside HFM.
- Data is mapped and loaded to HFM.
- Additional information is stored inside FDM and Informatica pulls this FDM detail into a custom data warehouse.

Advanced Solutions – Custom Merge

- Have you ever wished that you could get the best of Replace or Merge in your Hyperion applications?
 - Replace is great but does not preserve any data that is not in the file you are uploading. This can be a concern if you load supplemental data later, but then need to resubmit Actuals.
 - Merge only selectively replaces data, but it does not pick up re-classification items. If you re-classified your Cash balance to AR, and it does not exist in your load file, Merge will keep the original balance in place.

Advanced Solutions – Custom Merge Cont.

- Based on archived files FDM determines the previously loaded data to include in new data file
- By then Loading as Merge, you protect your supplemental data that was loaded via other methods AND pick up any reclassifications that exist
- Implemented as an Event script inside FDM and limits the needs for additional categories or scenarios
- Protect data while also picking up reclassifications

Advanced Solutions – FDM Reports

- When most people think of Reporting, they think of the reporting out of their Hyperion Financial Management, Essbase or Enterprise systems.
- With the amount of source data and audit trail that Hyperion FDM keeps, it is a great additional source of information
- Identify trends at the source account level

Process Monitor – Count Failed Rules & Warnings

Process Monitor - Sorted by Location Hierarchy Category: BUDGET
Period: Jan - 2005

Location	Status	Import	Validate	Export	Load	Check	Time	# Failed Rules	# Passed Rules	# Warnings
ControlsRevie	NA							-	-	-
Sample	NA							-	-	-
USA	NA							-	-	-
TEXAS	LOADx	x	x	x			12/12/2006 7:48:31PM	-	-	-
MICHIGAN	VALx	x					11/30/2006 11:44:31PM	-	-	-
INDIANA	LOAD	x	x	x	x		2/13/2007 12:16:34PM	3	3	2
Vought_FFS	IMP	x					12/19/2006 9:00:01AM	-	-	-
TEST	IMP	x					12/20/2006 12:07:40PM	-	-	-
GregB	NA							-	-	-

Excel Pivot Report – HFM w/ FDM detail by Periods

	A	B	C	D	E	F	G	H
1	CatName	(All) ▼						
2	PartitionKey	(All) ▼						
3								
4	Sum of SrcAmount			PeriodKey ▼				
5	SrcCenterKeyX ▼	SrcAcctKeyX ▼	SrcAcctKey ▼	1/31/2004	2/28/2004	3/31/2004	4/30/2004	5/31/2004
6	MI	10000005	1100	4525	48524	44709283	35804	48520
7			1100-103	430	739	4184	84392	920293
8			1100-104	7383	484	3939	4184	48524
9			L1100	47560	57870	44770910	198309	6502218
10		10000010	1100-101-000-00	484	4184	4980	99	34
11			1100-102	34738	3939	48524	73830	5484847
12		10000020	1190	27405	34738	739	3939	4184
13			1190-101	98	430	794849	5484847	3939
14		15000010	1530	44709283	45603468.7	46515538	47445848.8	48394765.8
15		16000999	1640	4980	5079.6	5181.192	5284.81584	5390.51216

Excel Pre-Populate Forms

	A	B	C	D	E	F	G
1							
2		HFM Account	Source Account	Description	3/31/2007	4/31/2007	Variance
3		1000		Cash	\$ 1,250.00	\$ 1,350.00	\$ 100.00
4			1000.100	Cash Wachovia	\$ 500.00	\$ 600.00	\$ 100.00
5			1000.200	Cash Bank of America	\$ 750.00	\$ 750.00	\$ -
6		1200		Accounts Receivable	\$ 5,000.00	\$ 12,567.00	\$ 7,567.00
7			1200.100	AR Trade	\$ 2,398.00	\$ 3,398.00	\$ 1,000.00
8			1200.200	AR Trade2	\$ 2,602.00	\$ 9,169.00	\$ 6,567.00
9							

New Source Accounts

New Source Accounts This Month		Location: PartitionKey
<i>GL Sign Convention</i>		Category: ACTUAL
		Period: 02/28/2004
		Currency: [None]
GL Account	Amount	
10000005		
1100	48,524.00	
	10000005 - Cash Account 1	<u>48,524.00</u>
10000010		
2910	753.78	
	10000010 - Cash Account 2	<u>753.78</u>
12000005		
HEACCNT_FT110	12.00	
HEACCNT_FT110	12.00	
	12000005 - Accounts Receivable - Trade	<u>24.00</u>
15000010		
1530	45,603,468.66	
	15000010 - Prepaid Expenses	<u>45,603,468.66</u>
16000999		
1640	5,079.60	
	16000999 - Other	<u>5,079.60</u>

Source Account Threshold Analysis

Balance Sheet Variance @ Source Level				Location: TEST1		
ACTUAL (Jan - 2006) v ACTUAL (Feb - 2006)				Currency: AFA		
GL Sign Convention				\$ Variance: 200		
				% Variance: 5		
GL Account	GL Account Description	Enterprise Account	ACTUAL (Jan - 2006)	ACTUAL (Feb - 2006)	Variance	%
Balance Sheet Accounts						
1100-103	Midland Bank & Trust	10000005	110,000.000	99,482.028	-10,517.97	9.56%
1100-104	First National Bank	10000005	0.000	(9,043.821)	-9,043.82	100.00%
1100-102	Houston Bank One	10000010	6,656.000	6,019.567	-636.43	9.56%
1190	Petty Cash	10000020	500.000	(1,547.809)	-2,047.81	409.56%
1210	Trade Receivables	12000005	6,272,205.420	5,672,970.153	-599,235.27	9.55%
1221	Other Non-Trade Rec	12000999	339,000.000	306,585.523	-32,414.48	9.56%
1221-102	San Antonio	12000999	735,312.520	665,003.463	-70,309.06	9.56%
1221-104	Other	12000999	117,169.650	105,966.131	-11,203.52	9.56%
1290-101	North Am. HQ	12000999	45,759.000	41,383.619	-4,375.38	9.56%
1300-101	Weisbaden	12500	2,276,083.810	2,058,449.399	-217,634.41	9.56%
1300-102	Berlin	12500	12,632,246.770	11,424,377.546	-1,207,869.22	9.56%
1300-103	Iowa	12500	1,202,964.690	1,087,939.703	-115,024.99	9.56%
1300-105	Michigan	12500	4,714,953.990	4,264,119.873	-450,834.12	9.56%

Map Analysis Report

Map Usage Ratios

Location: TEXAS

Period: 2004-02-28

	Account	Entity	ICP	C1	C2	C3	C4
Total	202	2	39	1	1	1	1
Used	185	1	1	1	1	1	1
Difference	17	1	38	0	0	0	0
Ratio	91.58%	50.00%	2.56%	100.00%	100.00%	100.00%	100.00%