Oracle is Investing to Address Changing Priorities

EPM Product Development Focus Areas

• Deliver the full range of EPM applications in the Cloud
• Innovate with new EPM applications
• Continue to extend the lead in existing applications
• Exploit Mobile and Social capabilities to attract new EPM users

Across all EPM domains: Close, Planning, Reporting
Session Agenda

1. Platform Updates
2. Financial Close Domain PS4
3. Planning Domain PS4
4. FDMEE
Platform updates

- Internet Explorer 11
- SQL Server 2012
- Windows 8.1
- MSAD 2012
Session Agenda

1. Platform Updates
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Hyperion Financial Management

Lighter, Faster, Simpler & Portable

• Platform Independent
  – Windows and Linux (Exalytics) support

• Significant Performance Improvements
  – Multi-core scaling for Consolidation, Data Retrieval/Loads, Metadata Loads
  – Fast UI Interactions and Responsiveness
  – Improved Database Interaction (ODBC replaced ADO driver)

• Simplicity
  – Simplified Deployment Architecture
  – Support for Multiple Databases per instance
  – Streamlined Integrations, Java based API
  – Online monitoring (Exalytics only)

• Easy Install and Upgrade
  – One click install (Exalytics only)
  – No application changes required
  – Full support for LCM including data and process status
HFM 11.1.2.4 – New Features

• Features and Functionality
  – Supplemental Data Manager Integration
    • Metadata integration
    • Data posting from SDM
    • Drill back from HFM grids / forms to SDM
  – Web based configuration settings
  – Additional HFM Utilities *
  – Excel Based Journals Workbench *
  – Embedding OFMA Analytics in HFM
  – Improved Calc Manager Parity with VBScript
  – Web Based Member List Editor *
  – Web Based Application Configuration Wizard *

* - Delivered via a PSU for 11.1.2.4
Launch OFMA From Within HFM
Smart View Enhancements

Cell styles

- Web forms can be opened in smart view to retain the formats defined by the administrators.
- Supported styles are font colors, font sizes, font weights, background colors.
Metadata Merge Utility

• User can view and accept or decline the changes in a metadata file
• Merged file is created
• Generates HTML Report

Sample Metadata differences report
Configuration Settings

• Configuration settings now controlled from the web
Web Profile Editor

- No Windows client version
- Can use to automatically create application
Selection of Multiple Files

• Selection of multiple files for load actions
Reordering of Tabs
Journals Workbench

- View journals
- Filter journals
- Perform journal actions
- Edit Journal
- Entity Details report
HFM Roadmap for 11.1.2.4

11.1.2.4
- Removal of Windows dependency
- Multi-core scaling
- Exalytics support
  - Linux (X3-4, X4-4)
- Metadata merge utility
- Web profile editor
- Embedded OFMA in HFM

11.1.2.4.100
- Exalytics support
  - Solaris(T5-8)
  - Insights
  - Rule Profiling
- Journals workbench
- UI Enhancements
- Application creation wizard
- Web based utilities

11.1.2.4 PSU TBD
- Web based member list editor
- Auto archive of data audit
- Multithreaded metadata load
HFM 11.1.2.4 – PERFORMANCE

2-5X faster than prior releases

• Multi-core scaling for Consolidation
  – During consolidation while traversing through entity hierarchy continue taking advantage of all hardware cores available.

• Centralized Data Retrieval
  – Optimized central data query engine used for FR, SmartView, & Web

• CalcStatus redesign
  – Store only used currency, reducing unnecessary storage of numbers and improving metadata/data loads

• Increased User Interface Interactions and Responsiveness
  – Replaced Webservices with Thrift optimizing the transfer of objects between C++ server and Java based web tier.

• Use SmartHeap
  – Improved memory allocation and reduce thrashing of heap

• Replaced ADO with ODBC driver
  – Better performance with Oracle RDBMS
Consolidations Performance

- 8 thread limitation on base entity calculations lifted
- Truly multi-threaded consolidation roll-ups
- Delayed Impacting of unused currencies
- Perfectly linear scaling of performance with better hardware
## Early Customer Feedback

### Consolidation Performance

<table>
<thead>
<tr>
<th>Customer</th>
<th>Based</th>
<th>Users</th>
<th>Accounts</th>
<th>Entities</th>
<th>Custom</th>
<th>Customer Release</th>
<th>PS4</th>
</tr>
</thead>
<tbody>
<tr>
<td>Commodity trader &amp; mining</td>
<td>Switzerland</td>
<td>450+</td>
<td>2K+</td>
<td>~3K</td>
<td>400+</td>
<td>120 mins</td>
<td>6 mins</td>
</tr>
<tr>
<td>Banking and Financial Services</td>
<td>UK</td>
<td>850+</td>
<td>10K+</td>
<td>15K</td>
<td>3K+</td>
<td>58 mins</td>
<td>21 mins</td>
</tr>
<tr>
<td>Industrail - building material</td>
<td>France</td>
<td>800+</td>
<td>~3.5K</td>
<td>12K+</td>
<td>400+</td>
<td>40 mins</td>
<td>5 min</td>
</tr>
<tr>
<td>Manu. - Electrical Equipment</td>
<td>US</td>
<td>1250+</td>
<td>2K+</td>
<td>6K+</td>
<td>2K+</td>
<td>180 mins</td>
<td>15 mins</td>
</tr>
<tr>
<td>Manu. - Home Imp. /Housing</td>
<td>US</td>
<td>400+</td>
<td>~3.5K</td>
<td>~1K+</td>
<td>100+</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Apples to Apples comparison – same hardware
And on Exa we see a 2x improvement over Windows
Disclosure Management
Disclosure Management

11.1.2.4 Highlights

• Document Management
  – New DM document management repository
  – Manage user read/write access on Master and doclets
  – User check in/out and versioning capabilities

• SEC Extension Taxonomies
  – Simplify SEC taxonomy development with regulatory-specific knowledge
  – Provide unified taxonomy creation and tagging environment
  – Integrate taxonomy and tagging validation routines
Financial Close Management
FCM - Modules

CM  Close Manager

ARM  Account Reconciliation Manager

SDM  Supplemental Data Manager
Financial Close Management – 11.1.2.4

- Supplemental Data Manager
- Tax Operations
- Tax Supplemental Schedules

- Tabbed User Interface
- Regionalization Enhancements
- Configurable Notifications
- Report Writer
- ARM Amortizing / Accreting Transactions
- ARM Choose Role
- ARM Profile Active Flag
- ARM Rules (Phase 1)

- CM Mobile Application
- CM Architectural Improvements
- CM Advanced User Assignments
- CM Power Task Actions
- CM Usability Improvements
- CM Filter/List View/Actions backports
New FCM Module: **Supplemental Data Manager**

**Standardize and Automate Supplemental Data Collection**

- Management of supplemental data
  - Financial and Non-Financial
  - Workflow and collaboration
- Integration with HFM
  - Metadata and Data
  - Post to and Drill Back from
- Integration with Smart View
  - Smart View Template, Data Entry, Start from existing spreadsheets
- Integrated Dashboards and Reporting
Financial Management Analytics
11.1.2.4 Highlights

- **Business Model for creating custom reports**
  - Enhanced subject area for those who want to only build custom reports.
  - Columns\Facts created and managed using OFMA configuration.

- **Improved Flexibility for create Dashboards**
  - High level of configurability for OOTB reports.
  - Template based creation of new reports.
  - Ability to setup Alerts for key accounts
  - Leverages HFM member lists for quicker configuration.

- **Workspace Integration**
  - Simplified SSO setup
  - Seamless navigation across EPM and BI within EPM workspace
Tax Management
Tax & Finance Share the Same DNA

Day 0

Financial Close

- Trial Balance
- Submit Schedules
- Review & Approve
- Consolidate
- Consolidating Adjustments

Data - Metadata - People - Controls

Close G/L

Financial Statements

- Disclosure & Filing
- Tax Journal Entry & Tax Note

Tax Close

Trial Balance By Legal Entity

Submit Schedules

Review & Approve

Consolidate

Submit Schedules

Review & Approve

Consolidate

Tax Journal Entry & Tax Note
1. Tax Management Menu:
   a. Tax Provisioning (HTP)
   b. Tax Governance (New)
      i. Tax Operations – Workflow
      ii. Tax Supplemental Schedules
2. Smart View account accelerators to quickly add and configure Permanent and Temporary Differences
3. One Administration Screen to perform all maintenance functions
4. New Web-Forms and Reports:
   a. Current Tax Payable Analysis
   c. Statutory ETR - US State
   d. IFRS – Balance Sheet Approach
New Tax Module: **Hyperion Tax Governance**

Workflow and control framework for Corporate Tax

- New module within Tax Suite
- Reduce Risk
  - Provides visibility to task-level status
  - Reduces manual effort through centralized process management
- Covers both Operations and Supplemental Schedules
  - Task management, workflow, calendaring
  - Data collection, standardization, prebuilt content for R&D Credit, FIN48)
Oracle’s EPM Strategy for Digital Finance Transformation

Engineer Predictable Performance

Connect the Enterprise

Choose the Way You Work
Session Agenda

1. Platform Updates
2. Financial Close Domain PS4
3. Planning Domain PS4
4. FDMEE
11.1.2.4 Summary

Hyperion Planning

- Simplified Interface
  - Extended To Cover Admin Capabilities
- Interactivity with large data sets
  - Rapid loading of large forms
  - Quick cell to cell navigation and scrolling within grids
- Member on the Fly
  - Extended To Base Planning Cubes
- Predictive Planning
  - ASO as source
  - Quick Predict
  - Chart Series Manipulation
  - Support for Ad Hoc forms
  - New Time-series Methods

Project Financial Planning

- Incremental deployment of features
- Vendor dimension
- Primavera P6 Integration

Strategic Finance

- Data & Metadata import/export and metadata import (facilitates DRM usage)
  - Command line metadata import/export from flat file
  - Import/Export via Smart View
- Crystal Ball integration in Smart View
  - Run Crystal Ball simulation of models via Smart View
Planning Grids
Improving End-user Experience

Performance:
• Supports large size forms / Quick Loading
• Quick tabbing across cells
• Fast scroll across large sized forms
• **Available in simplified interface and workspace

Ease of Use:
• Option to instantly save on data entry
  – Color change on changed cells on auto save
  – Ability to undo data entry (Ctrl+Z)
• Print Forms with labels
• Text wrapped view of text data cells
• New quick data entry keyboard shortcuts
• **simplified interface only

Administrative Options:
• New Form Design Options
  – Enable autosave on forms
  – Run calc on autosave in forms
  – **simplified interface only
• Support for Essbase Hybrid BSO mode
  – Settings managed in Essbase
• New Settings
  – Compression settings enabled for optimal performance
New Grid Shortcuts

I. Navigation
   – navigate using new keyboard shortcuts.
   – For example, to move to the first cell in the form, press Ctrl+Home.

II. Data Entry
   – New data entry shortcuts provide built-in calculators.
   – For example to enter the value in thousands, enter 5K for 5,000.

III. Formatting
   – Key combinations to quickly format values
   – For example, to bold a value, press Ctrl+Alt+B
Predictive Planning
Predictive Planning
Advanced Scenario Modeling

Ease of Use:
• Quick Predict
• Chart series manipulation
• Support for ad hoc forms
• Planning ASO cubes can be used as a source

Increased Accuracy:
• New time-series methods - where the best predictions decay or flatten over time:
  – Damped Trend Smoothing Nonseasonal
  – Damped Trend Additive Seasonal
  – Damped Trend Multiplicative Seasonal
Project Financial Planning
Project Financial Planning - 11.1.2.4

- Application Wizard to enable a subset of features
- Support for Vendor dimension
- Primavera P6 Integration
Project Financial Planning - 11.1.2.4
Primavera P6 & PFP Working Together

Hyperion Project Financial Planning
- Revenue planning based on ‘Type of Project’
- Calculates project financial impacts & KPIs
- Consolidates & reports financial impact at the entity-level
- Out-of-the-box approvals process

Primavera P6
- Project management & scheduling
- Resource management
- Project execution & progress management

Planning

Execution

Finance

Accounting
Controlling
Billing
Contract
HR

ERP

Business

ORACLE®

HYPERION

PFP

P6

PRIMAVERA

ORACLE®

Planning

Execution
Project Financial Planning - 11.1.2.4
Primavera P6 Integration

✓ Metadata:
  – Project
  – Resource (job, employee, asset)

✓ Data
  – Project Attributes
  – Resource Assignments
  – Resource Rates
PBCS & Planning Roadmap: CY2015

- **Q1 2014**: R11.1.2.3.500 PBCS Launch
- **Q4 2014**: R11.1.2.3.601 PBCS UI Simplification & Mobile
- **Q1 2015**: On-Prem Release R11.1.2.4 GA New grids and fast roll-ups
- **Q2 2015**: Sandboxing Excel Based Calcs Valid Intersections (PBCS)
- **Q3 2015**: Commercial Modules (PBCS)
- **Q4 2015**: PSPB Module

Additional notes:
- UI Simplification + Customer Drive Enhancements
- 2HCY15(tentative) PSU for on-premise Planning
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Financial Data Quality Management, Enterprise Edition
Enabling Seamless Data and Metadata Integration

- Data Warehouse
- Data Mart
- Other Systems
- File
- Excel
- XML

Oracle EBS, PeopleSoft, JDE, Fusion APPs, SAP R/3

Data & Metadata

Meta-data

Financial Close
Planning & Forecasting
Strategy Management
Profitability Management

Data

Web Interface
Financial Reports
Microsoft Office

Drill-Through & Write-Back

* Metadata supported for EBS and PSFT
FDMEE – Integration Strategy

• Develop direct “out of the box” integration
  – Sources prioritized based on market demand

• Open Interface Adapter
  – Use when “out of the box” integration not available
  – Licensing allows modification to ODI packages delivered with FDMEE
  – Customer must populate interface table

• File based data loads
  – Any file format
  – Delimited or fixed width
  – Includes majority of single byte and multi-byte encodings

Simple end user finance tool that provides complete source system coverage
Data Synchronization

• Specify EPM application as a source
  – All types except for Account Recon and Supplemental Data Manager
• User defined source filter
  – Includes HFM journals
• Write back to source GL as Actual or Budget - EBS and Peoplesoft only
• Concatenate > 5 source columns
• For example – load Essbase from HFM, write-back HFM journals to EBS
Graphical Import Format Builder

- Drag and drop fields from file to define source columns
- Supports delimited or fixed format data files
- Achieves parity with FDM
FDMEE Near Term Roadmap – post release PSUs

- Migration utility
- Enhanced Financial Close Manager integration to lock FDMEE POV
- Generic table adapter
- Strategic Finance Adapter
- SAP BW metadata
- Additional minor parity items
Integration with PBCS

• File based only

• Metadata must be in Planning format
  – Direct connection to PSFT HR not provided

• Data load options
  – Native Planning format
  – Data Management
    • FDMEE 11.1.2.4 embedded in PBCS 11.1.2.3.604
      – Includes data sync feature with Essbase cubes exposed as source and target
    • Use when source data must be transformed

• Data in delimited, fixed or Excel formats
Enabling Drill-Through to Source ERP

• Source system must have an HTTP enabled landing page

• Currently know landing pages
  – Oracle EBS and on-premise Fusion
  – Peoplesoft
  – JD Edwards
  – SAP

• Data file must contain all attributes required for drill-through

• See support doc 1636621.1 for URL details
Integration with Fusion GL Cloud Service

• Direct integration between PBCS and Fusion GL Cloud in 11.1.2.3.604
• Trial balance from Fusion GL Cloud saved to Oracle WebCenter
• Trial balance picked up from WebCenter by FDMEE in PBCS
• Write-back from PBCS to Fusion GL Cloud supported by FDMEE via WebCenter
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Hardware and Software
Engineered to Work Together