# EPM Strategy & Roadmap Summary for NTXHUG Meeting

**As of February, 2017**

Al Marciante
Sr. Director
Product Management
Enterprise Performance Management

# Safe Harbor Statement

The following is intended to outline our general product direction. It is intended for information purposes only, and may not be incorporated into any contract. It is not a commitment to deliver any material, code, or functionality, and should not be relied upon in making purchasing decisions. The development, release, and timing of any features or functionality described for Oracle's products remains at the sole discretion of Oracle.
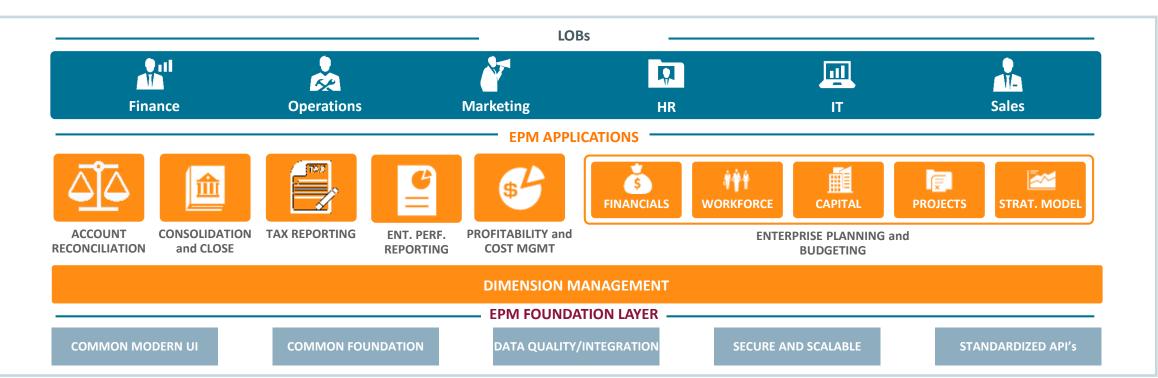
# Oracle EPM Portfolio

WEB · MOBILE · SOCIAL · COLLABORATION · MARKET PLACE · ANALYTICS · DATA VISUALIZATION · DATA SYNC

## LOBs

| Finance | Operations | Marketing | HR | IT | Sales |

## EPM APPLICATIONS

| ACCOUNT RECONCILIATION | CONSOLIDATION and CLOSE | TAX REPORTING | ENT. PERF. REPORTING | PROFITABILITY and COST MGMT | FINANCIALS | WORKFORCE | CAPITAL | PROJECTS | STRAT. MODEL |

ENTERPRISE PLANNING and BUDGETING

## DIMENSION MANAGEMENT

## EPM FOUNDATION LAYER

| COMMON MODERN UI | COMMON FOUNDATION | DATA QUALITY/INTEGRATION | SECURE AND SCALABLE | STANDARDIZED API's |

ORACLE®

# Oracle's EPM Cloud Leadership[+]

### First Product Launched:
February 2014
(6 products to date)

### 2339
Subscriptions to date

### 123354
End Users and growing!

### Clients across industries
Financial Services, Higher Ed, Consumer Goods, Retail, Services, High Tech, Public Sector

### Built on over 15 years of Product Innovation

### Available and Supported Globally 24 X 7 X 365

[+] As of 30 Nov 2017

**ORACLE®**

# EPM Cloud: Comprehensive. Proven.

## 2014-15

- Planning and Budgeting

- Narrative Reporting

## 2015-16

- Account Reconciliation

- Financial, Capital, Workforce & Project Planning modules

- Financial Consolidation & Close

- Profitability & Cost Management

## Today

- Tax Reporting

**500+ Customers**

**1200+ Customers**

**2000+ Customers**
**100+ Go-lives Each Quarter**

ORACLE®

# Oracle EPM Cloud

**Enterprise Planning**



- Enterprise Planning with the Simplicity of the Cloud
- Planning modules with best practice content for rapid deployment
  - Financials: Cash Flow, Balance Sheet, Income Statement
  - Workforce, Capital, Projects
- Enterprise Grade: Security, High Availability, Scalability
- Fully Managed: Patched, Backed Up, Upgraded by Oracle

# Oracle Applications: Current Release and Roadmap Planning and Budgeting Cloud (PBCS)

## Current Release Dec 2016 Update

- Modeling & Analysis
  - EPM SUI Alignment
  - Predictive Analytics On Web
  - Sandboxing By Plan Type
  - Attributes based reporting
- User Experience
  - Custom Navigation by roles
  - Web based financial reports
- Smart View Features
  - Member Selector By Generation
  - Member Selector By Levels
  - UDA based Member Selection

## Current +1

- Strategic Modeling in EPBCS
  - What If Scenario Modeling
  - Long Range Planning
  - Goal Seek
  - Analyze Change and Impacts
  - Unified Top Down Bottom Up Reporting
  - Migration from HSF on-prem
- User Experience
  - Infolet Dashboards
  - Simplified Dimension Editor
  - Unified User Preferences
  - Build Apps using Excel
- EPM Integration
  - Unified Application Navigation
  - BICS Integration
  - Groovy Based Customization

## Current +2

- Modeling & Analysis
  - Ad-hoc Models On Web
  - Collaborative Sandbox Models
  - Hybrid Deployment
  - PowerPoint Charts from Forms
- Smart View Excel Features
  - Member Alias Display
  - Multi-grid support
  - Create Sandbox In Smart View
  - Submit Without Refresh
  - In Sheet POV
- User Experience
  - Audit Reports
  - Create dashboards in Excel

## Future Direction Post 12 months

- Modeling & Analysis
  - Build Models From Users Excel Workbooks
  - On The Fly Charts With Ad hoc
  - Simulation And Optimization
- EPM Integration
  - Unified EPM Task Flows
  - Real-time Collaboration Indicators
  - Unified EPM Reporting
  - EPM-ERP UI Alignment
  - EPM Collaboration with OSN
  - Embedded SDM within EPM

ORACLE®

# Oracle Applications: Current Release and Roadmap
# Enterprise Planning and Budgeting Cloud (EPBCS)

## Current Release
### As of December 2016

- Workforce Planning
  - Compensation Planning
  - Strategic Workforce Planning
- Project Financial Planning
  - Detailed
  - Summary
- Capital Asset Planning
- Financial Statement Planning

## Current Release +1
### Jan – Jun 2017

- Pre-built Predictive forms
- Additional trends & KPIs
- Customer-specific enhancements
- Strategic Modeling
- Weekly Planning
- Rolling forecast update
- Strategic Workforce Planning administrative wizards
- HCM-to-EPM integration
- Cross application navigation

## Current Release +2
### Jun – Dec 2017

- Integration
  - Projects Cloud
  - Marketing Cloud
  - Innovation Management
  - Pre-built mapping to ERP
- Marketing Financial Planning
- IT Planning

## Future Directions
### Post 12 month planning cycle

- Hybrid BSO for modules
- Partner Application Toolkit
- Public Sector:
  - Split Funding
  - Effective Date Support (Workforce)
  - Decision Packages
  - Budget Books

ORACLE®

# Oracle EPM Cloud

**Enterprise Performance Reporting**



- Narrative-based management and external reporting in one solution
- Complete: Authoring, collaboration, commentary and delivery
- Robust Report Development Lifecycle Management
- Seamlessly leverage existing documents, data sources and reporting content
- **New centralized EPM Cross-Cloud reporting**
- Secure: Role-based, auditable access on desktop and mobile devices

# Enterprise Performance Reporting Cloud: Current Release and Roadmap

## Current – 16.12

- Cloud EPM Reporting Hub
  - Management Reporting
  - Cross Pod
  - Designer
  - Multi Grid / Charts
  - RP Integration
- Review Compare
- Doclet Updates
  - Embedded Content Remap
  - Version Mgmt

## Current +1

- Mgmt Reporting Updates
  - Chart Types
  - Functional enhancements
  - Designer updates

## Current +2

- Report Package
  - Parallel Phases
  - User Experience
  - PowerPoint RP updates

## Current +3

- XBRL Support
  - Open Taxonomies
  - Closed Taxonomies
  - Edgar support

## Current +4

- User Experience
- RP Setup
  - Style Sample Lock
  - Section Override
  - Page Break
  - Exclude from Author

## Future Directions
### Post 6 month planning cycle

- iXBRL Support
- PDFs as Reference Doclet
- Management Reporting
  - Conditional
  - Notes
  - Cascading

ORACLE®

# Oracle EPM Cloud

**Financial Consolidation and Close**



- Address Management and Legal Entity consolidation needs for a broad spectrum of customers
- Significant pre-built functionality with limited need for custom scripting
- Out of the box calculations, hierarchies and reports for rapid deployments
- Built in task orchestration for management of overall process

**ORACLE®**

# Key priority items remaining 1H2017

- Advanced Consolidation

- Configurable translations/calculations

  - Ability to calculate movement members

  - Starter kits/Calculation Templates

- Extend custom dimensions

- Simplified Configurable Dim Editor

- App Sizing and performance improvements

- Introduce Process Mgmt

- Data Audit improvements

- CTA on income statement

- Consolidation overview dashboard

- ICP report templates

- Journal Entry module

  - Workflow

  - Attachments

  - Posting to multiple sources

  - Ability to use "standalone"

- Close Manager Integrations

  - Similar to On Premises

  - Extended SUI for CM

  - Smart View support

  - New Dashboards (CM/SDM)

– Platform

  - Cross Pod Integration

  - Usability improvements (unified user preferences, POV consistency, etc.)

# Oracle EPM Cloud

**Account Reconciliation**



- Address the global reconciliation process
- For each process provide complete lifecycle including – verifications, tracking of assignments, managing preparation and review, minimizing risk and optimizing the process.
- Integrated with transaction systems
- Transaction Matching Option
- Flexible and robust user owned reporting

ORACLE®

# Key priority items remaining 1H2017

## Reconciliation compliance

- SUI Remaining screens
- Profile Dashboard
- Reconciliations Dashboard
- Enhanced Navigation Flows
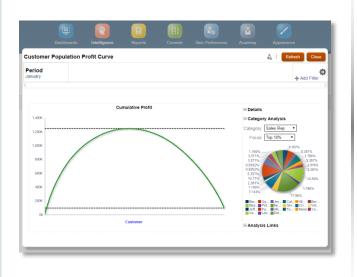- Updated Reconciliation Actions
- Variance Analysis

## Transaction Matching

- Load file audit trail
- Automated Job Execution
- Enhanced Navigation
- Data Management
- Reporting and Dashboard
- Comments/Attachment Support
- Configurable Adjustments
- Enhanced Period-End Balancing

# Oracle EPM Cloud

**Profitability & Cost Management**



- Transform financial data to perform cost allocations and deliver actionable information on costs and profitability
- Purpose-built allocation engine with point-and-click models owned by business users
- Transparency of allocation calculations
- Built-in analytics: dashboards, profit curves, and scatter plots
- Flexibility to support a variety of use cases: Management ledger, Shared services costing, Transfer pricing

**ORACLE®**

# Profitability and Cost Management Cloud: Current Release and Roadmap

## Current Release
### December 2016

- **Performance Ledger**
  - Multi step Allocations
  - Custom Calculations
  - Rule Balancing & Trace

- **Embedded Analytics**
  - Population Performance Analysis
  - Multi Dimensional P&Ls
  - Cost Contribution Reporting
  - KPI's & Dashboards

- **Complete Data, Security and Automation**
  - Data Management
  - EPM Automate
  - Data Level Security

## Current +1

- **Performance Ledger**
  - Custom Calc Rules - Conditional Logic in Formula
  - Essbase Deploy Performance Improvements
  - Allocation Rounding Control
  - Language Support

## Current +2

- **Performance Ledger**
  - Dimension Editor

- **Embedded Analytics**
  - Enhanced Smart View Formatting

## Future Directions

- **Performance Ledger**
  - Same as Source Dif Dim
  - Reporting Database
  - File based Rule Load
  - Data Entry Forms
  - Microcosting

- **Embedded Analytics**
  - Rule Analysis Enhancements
  - KPI Format Enhancements

- **Process Management**
  - Workflow Manager
  - DM Metadata Integration
  - DRMCS Integration

# Oracle EPM Cloud

**Tax Reporting**



- Comprehensive Tax Reporting solution
  - Tax Provision, Country by Country (CbCR), Uncertain Tax Positions, Workflow & Task Management
- Integration with ERP, financial consolidation and reporting solutions – Cloud and on-premises
- Mobile-enabled User Interface
- Fusion Tax Integration for "Total Tax Analysis"

ORACLE®

# Tax Reporting Cloud:
# Current Release and Roadmap

## Current Release January 2017

- **Tax Provision**
- **Country by Country Reporting**
- **Tax Close Calendar and Workflow**
- **Supplemental Data collection**
- **Smart View**
- **Automation**
- **Accelerators**
- **Dashboarding & Reporting**
- **Audit**
- **Locking and Data Status**
- **Localization**

## Current + 1

- **IFRS Balance Sheet approach**
- **Data Management (FDMEE)**
- **Configurable calculations**
- **Enhanced analysis**
- **Sample application**
- **Cross navigation across EPM services**
- **Improved user experience**
  - **Simplified Dimension Editor**
  - **FR Web designer**
  - **Tax Close list screens and dashboards**
- **ERP/EPM integration tax tasks**
- **Tax Tasks in Smart View**
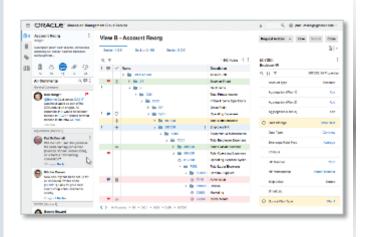- **Additional automation functions**

## Future

- TAR automation
- Additional IFRS
- Tax losses/credits automation
- UTP (Fin48)
- Improved Tax Automation
- Unitary group provisioning
- Jurisdictional netting
- Improved user and admin experience

ORACLE®

# EPM Cloud: What's Next....

# Oracle EPM Cloud

**Preview: <span style="color:red">Dimension Management Cloud Service</span>**



- Chart of accounts mastering across Oracle ERP and EPM Cloud
- Dimension editing for specific applications, Dimension sharing across applications, Dimension mastering for business analytics
- Application on-boarding to consolidate sources
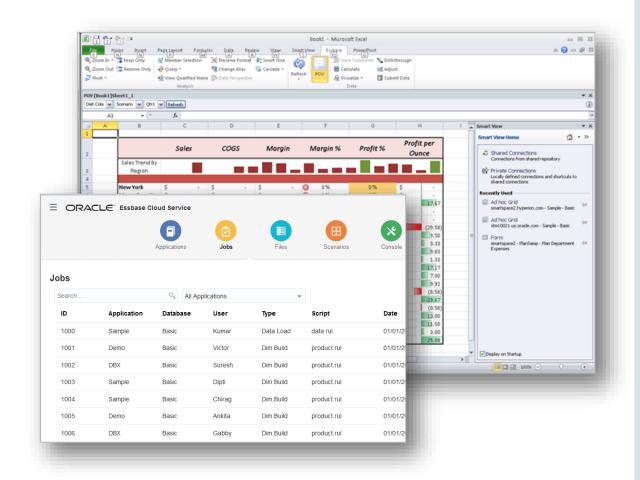- Support for hybrid Cloud and on-premises deployments

# Essbase Cloud – Building Agile Enterprise

## Modernized architecture for cloud

- Personal to enterprise business modeling

- Integration with BICS and Data Visualization

- Next generation Excel integration includes cube design, dimension modeling and KPI's

## Iterative Scenario Analysis

- New capabilities for Sandboxing and scenario management

- Wide-range of business modeling and management reporting applications

# Essbase Cloud Service Features

- Access to Essbase capabilities
  - BSO/ASO/Hybrid databases
  - Flexible dimensionality
  - Dynamic formulas
  - Calc scripts
  - Data uploads
- Smartview connectivity
- Browser based UI
- Integration with BICS

- Cloud Only features
  - Sandboxing
  - Scenario management
  - Design by Example templates
  - Excel Import/Export
- Administration
  - Database statistics
  - Manage connections
  - Locks
  - Security

# Multiple Ways to Get into Essbase Cloud Service

LCM

Upload Free Form Excel

Design in Excel

Java and REST APIs

Cloud UI

Use Quick Start Gallery

ORACLE®

# Oracle Applications: Current Release and Roadmap

## Cloud Infrastructure and Common Tools

### Current Release
### Feb CY 17

**Infrastructure**
- Authentication to on-prem LDAP
- Whitelist/Blacklist
- Single Signon with Cloud ERP

**Data Management / FDMEE**
- FCCS Journals
- Hybrid Support for FCCS and Cloud ERP

**Financial Reports**
- Web Studio

**Smart View**

### What's Next
### 0-12 month planning cycle

**Infrastructure**
- Cross App Navigation
- R12 Uptake
- Essbase Encryption
- Break Glass for encryption key ownership

**Data Management / FDMEE**
- Fusion HCM Integration
- NetSuite Integration
- ODI Cloud Service Integration

**Smart View**
- Smart View on Mac
- BICS Support
- DVCS Support
- Essbase Cloud Support
- Office 365 Web Addin
- Office on Mac Support

### Future Directions
### Post 12 month planning cycle

**Data Management / FDMEE**
- Auto Registration for PCMCS
- Cloud ERP Budgetary Control
- AutoCreate EPM App from ERP COA
- Fusion Financials Sub-ledger for ARCS
- TRCS Support

# Smart View – Core

- **Chrome support**
  - Web Launch
  - Chrome support for FR, EPM Cloud, Fusion.
- **Provide feedback**
- **Extension Distribution framework enhancements**
- **Continuous integration**
- **High resolution UI**
- **Session handling**
- VBA status codes
  - Suppress missing
  - HypLoginUI

ORACLE®

# Smart View –PBCS Platform Apps

- PPT Seamless Integration
- Member Selector Filter by Generation and Levels
- Member selection based on UDA
- Wizard based Groovy support
- User preference
  - Parity
  - Central place for options
  - Write back options
- Structures
- Dashboards
- Member Selector Updates
- Job Console in Smart View
- Chrome support
  - Web Launch
  - Drillthrough

- **Functions**
  - HsAlias
  - HsSetVal - Support enumeration
  - HsDescription (FCCS)
- Parity
  - Member alias display in separate columns
  - Multi-Grid Support with submit without refresh
  - In Sheet POV
  - Butterfly Reports
  - Submit without refresh
  - Support for Multi-domain
  - Infolets?

ORACLE®

# Smart View – Essbase/OBIEE/BICS

- Essbase
  - **Cube builder enhancements**
  - Essbase number formatting
  - Additional VBAs
    - Async calc
    - Export calc scripts
    - Execute Calc Scripts commands
  - Range operations
    - Retrieve/Submit
    - Submit without refresh

- OBIEE
  - **BICS**
  - **DVCS support**
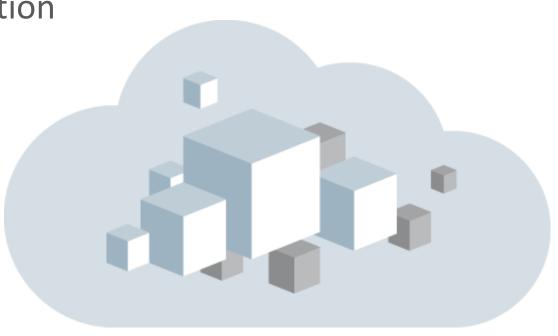
ORACLE®

# EPM On-Premises: What's Next….

# On-Premises Product Updates

- Plan to release a series of product specific PSU(s)
  - Incremental features
  - Defect fixes
  - Independent  releases by product
- Thematic in nature
  - Introduce relevant cloud Innovations
  - Evolution to a simpler architecture
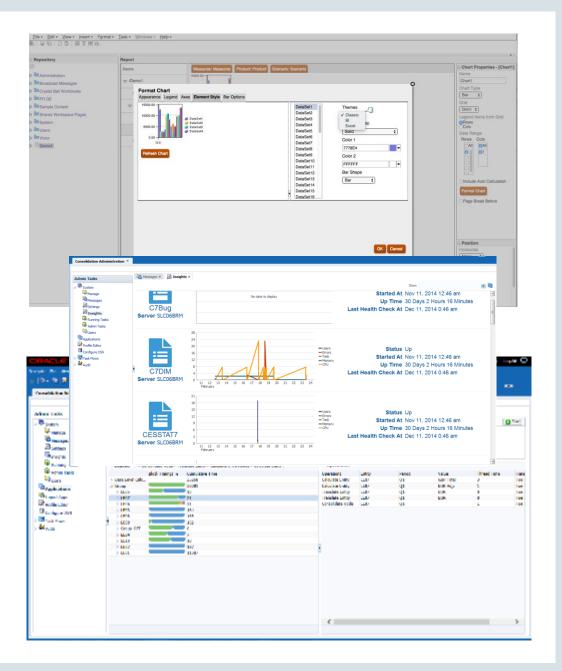  - Focus on Usability



ORACLE®

# Introduce Relevant Cloud Innovations

- Operational simplification and automation
  - Lifecycle management
  - Automation scripts and utilities

- Deployment accelerators
  - Configuration wizards
  - Pre-built content

- Experience enhancements
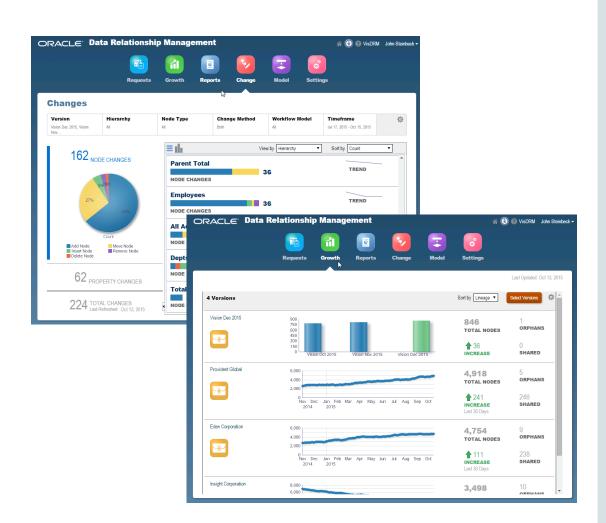  - UX improvements
  - User assistance

# Simpler Architecture

- Ease of maintenance
  - HFM introduction of Rules Profiling & Insights
- De-emphasis of Windows Clients
  - Functional parity →Adoption →Deprecation
  - FR web based studio
  - HFM web based metadata editor
  - Essbase web based modeling UI

# Usability

- Embedded Analytics & Simplified UI
  - HFM : Forms/Grids displayed as charts
  - Planning : Sandboxing
  - Planning : Valid Combinations
  - Planning Modules : SUI Support
  - DRM: SUI for Analytics
  - HPCM: SUI for Analytics

# Oracle Hyperion Planning:
# Current Release and Roadmap

## Release 11.1.2.4
## Feb 2015

- Simplified Administration Interface
- Fast Form Load And Navigation
- Quick Cell Navigation And Scrolling Within Grids
- Instant Calc And Instant Aggregations
- Excel Type Grid Capabilities
- Custom Printing Of Forms
- Hybrid BSO Essbase Support (Licensed)
- End User Driven Dashboards
- Excel Formatting In Planning Forms
- Job Scheduler
- Member On The Fly
- Predictive Planning: Quick Predict
- Predictive Planning: Chart Series Manipulations
- **Project Financial Planning**
  - Incremental Deployment
  - Vendor Dimension
  - P6 Integration

## What's Next
## CY2017

- Robust Functional Experience
  - Enhanced User Interface
  - Valid Combinations
  - Robust Dimension Management
  - Document Upload & Duplicate Alias
  - Attributes As A Separate Dimension
  - OOB Custom Currency
  - Custom Localization
  - Customizable Navigation By Roles
  - New Member Functions
- Agile Planning
  - Sandboxing
  - Excel Based Grids With Formula And Formats
  - Web Based Predictive Planning
  - Write Back Empowered Dashboards
  - Integrated Real Time Reporting
- Enterprise Readiness
  - REST Web Service For External Integration
  - Groovy Scripting For Customizations

## Future Directions
## Post CY2017

- Enhanced User Experience
  - Adhoc On The Fly Dashboards
  - Charts And Formats From Excel
- Agile Planning
  - Forecast Simulation And Optimization
- Enterprise Readiness
  - Data Audit Reports
  - Integrated Multi Application Interface
  - Customer Success Enhancements
  - Hybrid BSO

# Oracle HFM:
# Current Release and Roadmap

## Release 11.1.2.4
### Feb 2015

- Expanded platform support for Exalytics platform
- Massive performance improvements for any platform
  - Consolidations
  - Data loads
  - Maintenance
  - Security
  - Data Queries
  - End User Interactivity
- Oracle Diagnostic Logging (ODL) for faster troubleshooting
- Calc Status updates for smaller database sizing
- Web profile editor
- Metadata Merge Utility
- Emdedded OFMA

## Release 11.1.2.4.200+
### Dec 2015 – Feb 2017

- Journals Workbench
- HFM Insights
- Rules Profiling
- Charts/Graphs – Forms/Grids
- Import application
- DB hardening – RAC and network connectivity
- Smart View Journal Enhancement
- PSU 201, 202, 203 and 204
  - Critical Issues Fixed

## Future Directions
### Post 6 months

- 11.1.2.4.250
  - Automatic Consolidations
  - HFM Insights on Data
  - Critical Fixes
- 11.1.2.4.300
  - Expanded Dashboards
  - Archiving
  - Web based metadata
  - Add'l Insights statistics
  - Performance improvements – SV, DB batch processing, etc.
  - Critical Fixes

ORACLE®

# Oracle FCM:
# Current Release and Roadmap

## Release 11.1.2.4
### Feb 2015

- Simplified Administration Interface
- Fast form load and navigation
- Quick cell navigation and scrolling within grids
- Instant calc and instant aggregations
- Excel Type Grid capabilities
- Custom printing of forms
- Hybrid BSO Essbase Support (licensed)
- End User driven dashboards
- Excel Formatting in Planning Forms
- Job Scheduler
- Member on the Fly
- Predictive Planning: Quick Predict
- Predictive Planning: Chart Series Manipulations
- **Project Financial Planning**
  - Incremental deployment
  - Vendor dimension
  - P6 Integration

## What's Next
### 0-18 month

- ARM
  - Enhanced Re-Open and Rejection of Reconciliations
  - Substantiation of Balances on All Formats
  - Edit Transactions Directly on List
  - Enhanced Action Plan
- SDM
  - HFM Cell Validation
  - Reassign Users
  - Currency translations
  - Prepopulated rows
  - Simplified data set load
  - Smartview View All
  - FDMEE Integration
- CM
  - Change Ownership of Running Tasks
  - Delete Tasks on Open Schedule
  - Clearer Save vs. Submit of Tasks
  - Disable Submit button for tasks in locked schedule

## Future Directions
### Post 12 month

- ARM
  - Easier Grouping of Accounts into Recs
  - Enhanced Sync of Open Items Across Periods
  - Transaction Matching
- CM
  - Import User Entry Fields to Running Tasks
  - Maintain Parent/Child Relationships Across Templates
  - Better Error Reporting on Nested Templates
- SDM
  - Instruction Enhancements
  - Calculated Value Override
  - Dimension Referencing Another Dim
  - Dimension Reference Override
  - Logical Delete

# Oracle Applications: Current Release and Roadmap
## Multi-domain MDM – Oracle Data Relationship Management Suite

### Release 11.1.2.4
Available 2015

**Hybrid Cloud Enablement**
- Integration with Planning in the Cloud and On-Premise
- Simplify incremental updates from source systems by creating hierarchies from orphan member lists during import

**Data Governance**
- Conditional workflow stages
- Load request items from file
- Built-in support for 'four eyes' principle
- Audit request history
- Request attachments
- Mobile governance approvals (iOS, Android)

**Enterprise Readiness**
- Optimized for 64-bit, single machine, multi-processor architectures
- Accelerate query/export performance and user concurrency
- Section 508 & WCAG 2.0 certification to support visually impaired users

### Release 11.1.2.4.310/320
Available Early 2017

**Data Governance**
- Auto-Node Naming based upon custom business logic
- Calculated parent generation during request submission
- Rename request items and update related request item properties

**Data Blending & Lifecycle Management**
- Import profile-driven blend-after-import to support incremental version import

**Packaged Integration**
- Business unit hierarchy integration with Oracle BI Applications for E-Business Suite

**Localization**
- Expanded localization from 5 to 17 languages for global consumption

### Release 11.1.2.4.330/340
Available Spring 2017

**Information Stewardship**
- Dashboards: Change Analysis, Growth Trends, Request Monitoring, Governance Model Effectiveness
- Reports: User Activity, User Group Membership, Security

**Data Governance**
- Lookups for federating external data sets in interactive & workflow modes
- Commit to external targets concurrent with workflow approvals
- Dependent tasks for multi-hierarchy inserts on submission
- Embed hyperlinked instruction text within request, task, and task property definitions

**Packaged Integration**
- FDMEE integration: DRM as a metadata target in FDMEE; DRM as mappings master source for FDMEE

**Enterprise Readiness**
- External user auto-provisioning syncs user repository with external directories (LDAP, MSAD)

### Future Direction
### Next 12+ Months

**Data Security & Trust**
- Node access group filtering to enhance interactive view security
- Property masking for secure data sharing, and protection of personally identifiable information (PII).

**Data Governance**
- In-flight request visualization
- Mass approvals
- Scheduled, auto-request generation: On import, batch validation, comparison
- Custom email notifications

**Cloud App Integration**
- Integration with Oracle Financials Cloud, Oracle Financial Consolidation (FCCS) & Close Cloud, Oracle Enterprise Planning & Budgeting Cloud (EPBCS)
- S-FTP external connection type

**Metadata Management**
- Standards-based business glossary
- Metadata change impact analysis
- Data lineage: horizontal & vertical
- System workflow

# EPM 2017

1. Infrastructure streamlining
   - Uptake of latest FMW release
   - Repository simplification
2. Advanced Analytics within Planning
   - Predictive Planning
   - Driver validation
   - Risk aggregation
3. Dynamic Consolidation
4. Evolution of Essbase architecture

ORACLE®

# Cloud & On-premise:
## Provide Flexible Choices

Innovation and Investments across Cloud and On-premise

Allow customers to adopt EPM Cloud at their own pace

Provide consistency and portability to enable flexible deployment choices

ORACLE®