

# ORACLE BUSINESS INTELLIGENCE APPLICATIONS 11.1.1.7.1

## WHAT'S NEW

### COMPLETE AND INTEGRATED

#### KEY NEW FEATURES

- Significant expansion of BI Applications new content and new products
- Completely re-architected solution leveraging the power of ODI
- New out-of-the-box tools to increase productivity and drive down TCO
- Golden Gate option for customers that have significant ETL time pressures
- Leveraging Oracle BI Foundation Suite 11.1.1.7 new features

#### KEY BENEFITS

- Insight when and where you need it with enhanced visualizations and mobile BI
- Faster implementation, lower risk and better business results with ODI powered BI Applications
- Drive innovation by leveraging the next Generation Business Intelligence Foundation
- Adapt to changing external and internal needs by leveraging, not replacing, existing investments
- Simplify deployments with Engineered Systems certified BI Applications
- Integrate data from increased set of sources and content areas to provide business users with a complete view of the customer and business operations

Oracle Business Intelligence Applications provide complete, real-time, and enterprise wide insight for all users, enabling fact-based actions and intelligent interaction. Designed for rapid deployment at a low cost of ownership, Oracle Business Intelligence Applications are prebuilt solutions that start with the customer, embrace any existing corporate data source, and are seamlessly integrated with Oracle's transactional solutions to increase effectiveness across the entire customer life cycle.

### New Features Overview

The new release of Oracle Business Intelligence (BI) Applications 11g, Release 11.1.1.7.1 has been designed to add new in-memory analytic applications, significantly expand functional content across existing front and back-office Oracle BI Applications, re-architect the solution to leverage the power of Oracle Data Integrator and, introduce new out-of-the-box tools to increase productivity and drive down Total Cost of Ownership (TCO).

### New Cutting Edge Analytics

The industry's first and only in-memory analytic applications for indirect spend planning and student information analysis

- **Oracle Indirect Spend Planning** is a complete planning application that enables procurement and line of business teams to optimize spend with rapid access to historical data, intelligent what-if modeling, and pervasive BI context to facilitate better decisions.

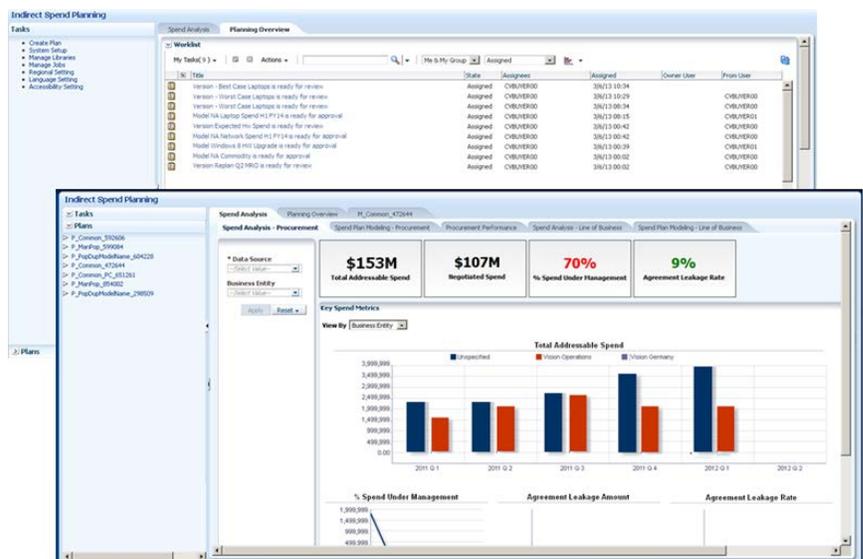


Figure 1. Oracle Indirect Spend Planning optimizing spend and monitoring performance

- **Oracle Student Information Analytics** enables academic institutions to improve recruitment, lower dropout rate by tracking student attendance in real-time, monitor graduation rate, manage student financial transactions, and match up school resources with student needs more effectively.

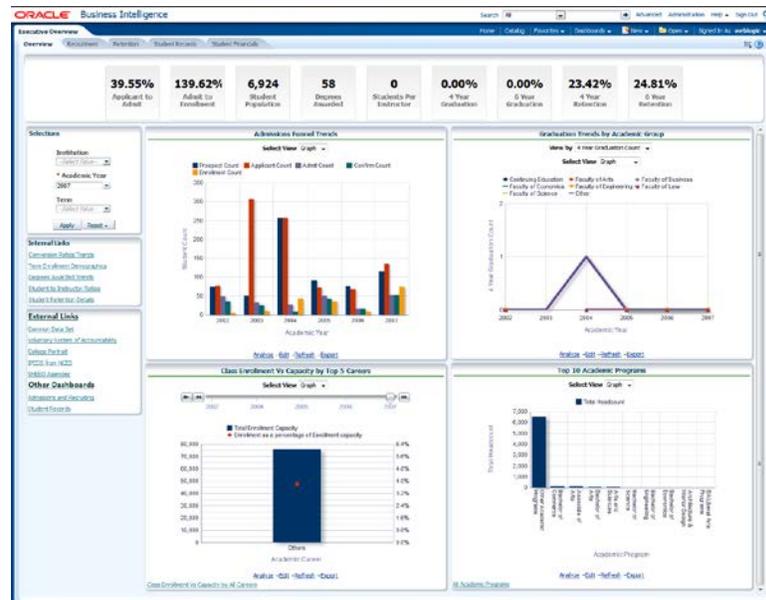


Figure 2. Oracle Student Information Analytics Dashboard for Admissions and Recruiting

### New Oracle BI Foundation Suite 11.1.1.7 Features

New visualization and user interface features to easily interact with analytics that correspond to their roles and responsibilities, make better decisions, and stay on track have been included within Oracle BI Applications:

- Visualization Enhancements: Performance Tiles, 100% Stacked Bar, Freeze Headers, Waterfall Chart, View Suggestions, Trellis Chart Grid
- User Interaction Improvements: Navigation/Action from Totals, Breadcrumbs, Pass context to ADF, Search with Endeca MDEX, Save as Analysis on Dashboard, Trellis Actions
- BI Mobile HD Enhancements: Analytics available on mobile without additional development, Data dense visualizations enabled by in-memory analytics, enhanced right-click interactions, better interactivity with native gestures, offline access to content with fine grained security to grant or revoke privileges.

For a more detailed description of these features, refer to the Oracle Business Intelligence 11g, Release 11.1.1.7.0 What's New Document

### Richer and Deeper Insight

Significant expansion of content improves existing front and back-office Oracle BI Applications Oracle BI Applications including:

- **Oracle Human Resources Analytics** provides organizations detailed analysis on HR programs and workforce performance. HR staff, business executives and front-line managers have access to the critical workforce information required to analyze workforce staffing and productivity, and to better design compensation that rewards performance. New content areas for Human Resources Analytics:
  - **Time and Labor Analytics** monitors timecard status and late timecard submission. It

## ABOUT ORACLE BI APPLICATIONS

Oracle Business Intelligence Applications provide complete, near real-time, and enterprise wide insight for all users. Designed for rapid deployment at a low cost of ownership, Oracle BI Applications are prebuilt solutions that start with the customer, embrace any existing corporate data source, and are seamlessly integrated with Oracle's transactional solutions to increase effectiveness across the entire customer life cycle.

All Oracle BI Applications are powered by Oracle Business Intelligence Foundation, a high-performance, highly scalable, and highly reliable next generation Business Intelligence platform that can be used to extend existing analytic solutions to meet any enterprise BI need. Additional information about Oracle BI Applications is available at

[www.oracle.com/goto/obia](http://www.oracle.com/goto/obia)

## RELATED PRODUCTS

### ERP Analytics

- Oracle Financial Analytics
- Oracle HR Analytics
- Oracle Procurement and Spend Analytics
- Oracle Supply Chain and Order Management Analytics
- Oracle Project Analytics
- Oracle Product Information Management Analytics
- Oracle Student Information Analytics
- Oracle Indirect Spend Planning

### CRM Analytics

- Oracle Sales Analytics
- Oracle Marketing Analytics
- Oracle Service Analytics
- Oracle Contact Center Analytics
- Oracle Partner Analytics
- Oracle Loyalty Analytics
- Oracle Price Analytics
- Oracle Customer Data Management Analytics

analyzes reported productive and non-productive time and estimates reported time cost. This allows managers to gain insight into hidden cause and costs of overtime, absenteeism and low productivity. It helps reconcile reported time with time posted to payroll and projects. Integrated with Project analytics, Time and Labor analytics can also analyze reported time and labor cost by projects and project resources.

- **Payroll Analytics** provides complete information on various earnings, deductions, taxes, and special balances for the employees from pay run results. The payroll balances store granular pay run result balances as well as configurable aggregated summary measures. This allows customers to better analyze aggregated payroll, compensation or benefits costs e.g. total overtime, total net pay, total employer-paid healthcare cost, total employer taxes etc. as well as drill to detailed payroll element balances.

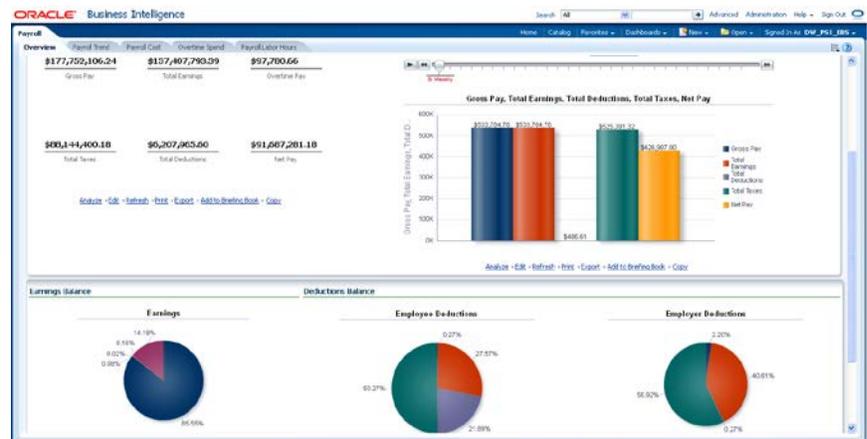


Figure 3. Oracle Payroll Analytics Dashboard for analysis of pay run transactions

- **Workforce Gains and Losses** subject area monitors the Headcount movement with various metrics like Hire, Transfer, and Termination etc using the Supervisor Hierarchy. The trend analysis of the headcount movement can be done over month, quarter, and year. The changes due to Reorganization of the employees under different supervisors can also be analyzed using the Workforce Gains and Losses.
- Other enhancements for HR Analytics are Leave Accrual has been added to Absence subject area, and new support is provided now for the ETL adaptor to PeopleSoft Global Payroll.
- **Oracle Procurement & Spend Analytics** help organizations optimize their supply side performance by integrating data from across the enterprise value chain. Organizations benefit from increased visibility into Corporate Spend and complete source-to-pay process, including comprehensive sourcing and procurement analysis, supplier performance analysis, supplier payables analysis, and Employee Expenses. New content areas for Oracle Procurement and Spend Analytics:
  - **Sourcing Analytics** provides ability to analyze negotiations, supplier responses and the subsequent Award decisions to identify trends and check if there is a margin for any savings opportunity. Use the out of the box measures to get an understanding of the demand side power with the organization and the supply side power of the Suppliers and its impact on the Negotiations
- **Oracle Supply Chain and Order Management Analytics** enables organizations to assess inventory levels, likely product fulfillment needs, quickly identify potential order backlog issues, and stay on top of critical A/R and DSO issues. New content areas for Supply Chain and Order Management Analytics:

- **Enhanced Inventory Analysis** provides stakeholders deep insight into Inventory Cycle Count, Inventory Aging, Inventory Expiration/Obsolescence tracking and Inventory balances and transaction details at lot level.
- **New Item Cost History** Analysis tracks historical cost of Supply Chain related items
- **Oracle Financial Analytics** provides organizations detailed analysis into the factors that drive revenues, costs, and shareholder value. It helps front-line managers improve financial performance with complete, up-to-the-minute information on their departments' expenses and revenue contributions, cash flow, and profitability, while maintaining more accurate, timely, and transparent financial reporting that helps ensure Sarbanes-Oxley compliance. New content areas for Financial Analytics:
  - **Fixed Assets Analytics** provides controllers, asset managers, and cost center managers with a complete picture of the asset's life cycle from acquisition through retirement of both transactions and periodic valuations. Sample metrics and reports include Net Book Value, Gross Fixed Asset Cost Ratio, Accumulated Depreciation Amount, and Gain or Loss on Retirements Trend analysis.
  - **Budgetary Control Analytics** is an essential element of sound financial management practice. It is the practice of constraining expenditures to available budget to prevent over-spending. Using Budgetary Control Analytics, budget and department managers can manage and monitor budget and spending effectively, and identify top areas of spending and be able to detect exceptions in timely manner

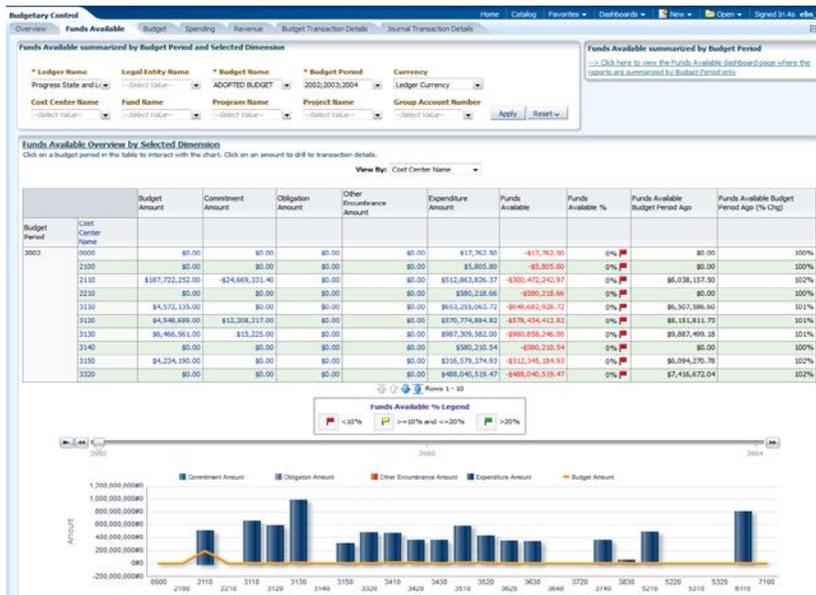


Figure 4. Oracle Budgetary Control Analytics provides insight into Budgetary Spending and Encumbrances

- **Oracle Project Analytics** provides out-of-the-box, role-based dashboards that enable project managers, executives, and accountants to monitor projects and control the risks that lead to budget and schedule overruns. New content areas for Projects Analytics:
  - **Resource Management Analytics** provides project stakeholders with information on project requirements, resource utilization and the supply and demand of jobs and competencies. Executives can monitor utilization trends, identify underperforming organizations and anticipate resource shortages. Drill down paths lead from the

organization to the resource and assignment level to uncover opportunities to increase utilization rates. Project managers get visibility into differences between actual and scheduled time by period, resource and role as well as on the details and impact of unfulfilled requirement

- **Project Subledger Reconciliation** aids project accountants in reconciling differences between the project sub ledger with the General Ledger for cost and revenue transactions. Six common situations are examined to discover root cause of the transactions not transferred from the Projects Subledger to the General Ledger.
- **Perspective based dashboards** provide an optimized Project Analytics user interface that orients the content around specific user perspectives (optional layout)

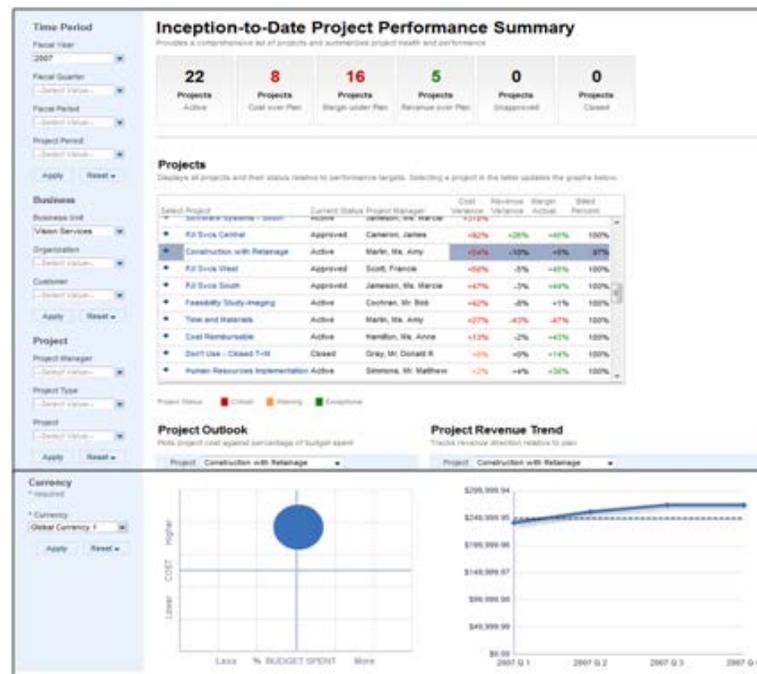


Figure 5. Oracle Project Analytics perspective based Dashboards

- **Oracle CRM Analytics** provides fact-based insight into the entire sales process and into product demand, customer price sensitivity, and overall pricing effectiveness..They enable firms to manage and track campaign performance, and to segment and retain the most valuable customers..Organizations can track and analyze key service center metrics, and generate a complete picture of organizational performance. New content areas for Oracle CRM Analytics:
  - **Oracle Price Analytics** has added E-Business Suite to the list of supported sources. Customers now have a ready means to assess pricing performance and arrest revenue and margin leakage. Robust price waterfall analysis possible with the new Waterfall view
  - **Oracle Service Analytics** introduces support for Service Contracts
  - **Oracle Sales Analytics** has added Indirect Forecasting support. Forecasting analysis is also now possible when submissions are made up a forecast hierarchy that is outside of the reporting hierarchy.

### Faster and Easier Data Access

Completely re-architected solution leveraging the power of Oracle Data Integrator as well as new out-of-the-box tools to increase productivity and drive down TCO.

- Leveraging the power of ODI, the new release enables customers to increase IT efficiency and reduce costs with a comprehensive data integration platform that covers all data integration requirements. Amongst the benefits of leveraging the ODI architecture:
  - E-LT Transformation vs. E-T-L
  - Best in class for Performance, Scalability, Availability
  - Lightweight Deployment for Lowering TCO
  - Faster time-to-value through Declarative Design
  - Heterogeneous, Open and Standards-based
- Configuration Manager (BIACM) provides a centralized Web based Administrative User Interface to simplify the setup and maintenance of an Oracle Business Intelligence Applications environment. Configuration Manager works in conjunction with Functional Setup Manager to provide guided Tasks to configure Offerings and Functional Areas.

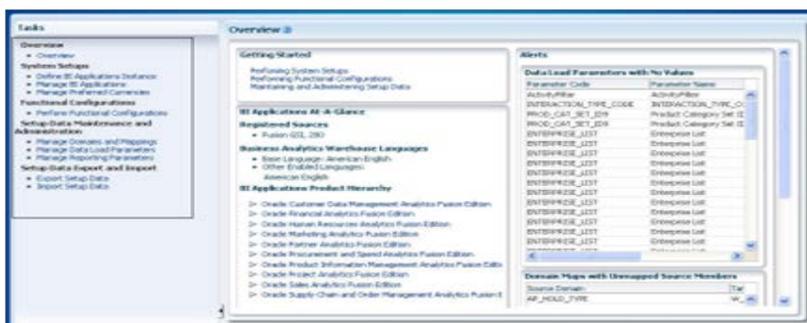


Figure 6. Oracle BI Configuration Manager simplifies BI Applications system configuration

- Functional Setup Manager (FSM) provides a Web based Administrative User Interface to track and manage implementation projects and their required functional setup steps. Functional Setup Manager generates a list of configuration tasks specific to the Offering and Functional Area(s) that were selected. These tasks can be assigned to different functional developers and the status of the Oracle BI Applications implementation project can be monitored in FSM. Setup UIs guide functional developers through the performance of each task.

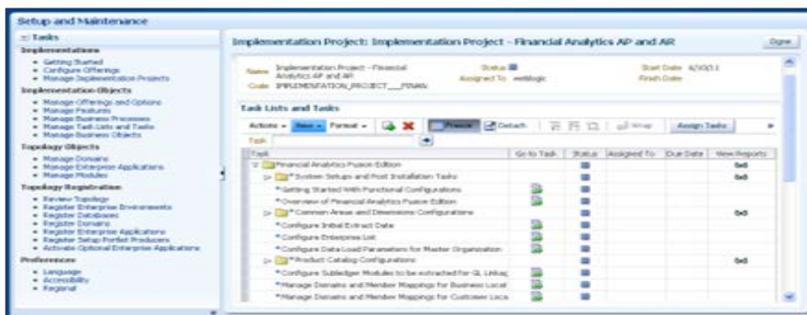


Figure 7. Oracle Functional and Setup Manager tracks functional implementation projects and their required setup steps

- BI Applications ETL Validation verifies ETL results after every ETL run by comparing source data to Warehouse data. The validation tool generates validation reports and supports multiple validation types and scenarios
- A new optional pre-packaged solution, that leverages Golden Gate, eliminates the need for an ETL batch window and minimizes the impact on the OLTP system, while providing near

real-time reporting and enabling more reliable change data capture and delete support.

- A new Data Lineage tool, allows customers and implementers to track lineage from source to target – improving information transparency across their enterprise.

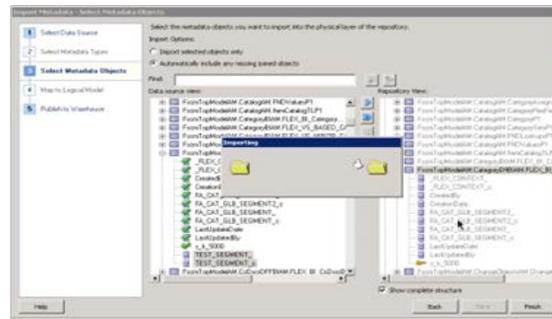


Figure 8. Oracle Data Lineage tracks lineage from source to target

## Contact Us

For more information about Oracle Business Intelligence Applications, visit [oracle.com](http://oracle.com) or call +1.800.ORACLE1 to speak to an Oracle representative.



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