

FUSION CAMPUS SOLUTIONS INTELLIGENCE FOR PEOPLESOFT ENTERPRISE



KEY BENEFITS

ROLE-BASED INSIGHT

- Access to dashboard pages is associated with user roles to provide intelligence and information that are secured and relevant to the job functions of individuals

CONFIGURABLE GUIDED ANALYSIS

- Pre-defined hierarchies enable drilling from summary analysis to increasing levels of detail; reports can be linked together to guide users through a series of logical steps on a path of discovery

TIGHT INTEGRATION

- Delivered integration with PeopleSoft Enterprise Campus Solutions and Campus Solutions Warehouse for optimal user experience

LOWER TOTAL COST OF OWNERSHIP (TCO) & RAPID DEPLOYMENT

- Pre-built data extractions, transformations, security, and presentation layer maximize your previous PeopleSoft investments in the shortest time at the lowest cost

EXTENSIBILITY & SCALABILITY

- Market leading BI technologies for superior configurability and flexibility across PeopleSoft and third party data sources

Fusion Intelligence for PeopleSoft Enterprise gives you the power to extend your existing investments in PeopleSoft Enterprise Performance Management (EPM) while putting you on the path to next generation technologies. By leveraging the robust dashboarding and ad-hoc reporting capabilities provided by Oracle's market-leading BI platform, Oracle Business Intelligence Enterprise Edition, you benefit from a complete, end-to-end, integrated business intelligence and reporting solution.

Pervasive Insight for More Effective Actions, Decisions, and Processes

Educational institutions today are faced with pressures to continually increase efficiencies while meeting the challenges of declining funding. Rising education costs, increasing global competition for students, faculty and staff, and heightened regulatory requirements are driving the need for insight and analysis of the student population and the core business of education.

Oracle helps educational institutions meet these challenges through the analytic capabilities of PeopleSoft's Campus Solutions Warehouse product. Campus Solutions Warehouse comprises three data marts: Admissions and Recruiting Mart, Student Records Mart, and Student Financials Mart. Detailed student, faculty and course information is captured in these data marts and enables flexible analysis of trends and effectiveness in recruiting, admissions, retention and development of students. The insight from these analyses can help make the right strategic decisions to maximize student recruiting efforts, shorten time-to-graduation, improve retention rates, identify successful and unsuccessful courses and programs, improve faculty workloads, and more tightly manage and track tuition awards and payments.

To facilitate this analysis process, Oracle delivers an interactive dashboarding solution called Fusion Campus Solutions Intelligence for PeopleSoft Enterprise. This solution is built using the Oracle Business Intelligence Enterprise Edition platform technology, and is pre-integrated with the Campus Solutions Warehouse. Fusion Campus Solutions Intelligence enables you to:

- Understand student application, matriculation, retention and graduation trends
- Assess the effectiveness of recruiting centers
- Analyze course enrollment trends and the effectiveness of course and degree program offerings
- Examine financial aid award disbursement trends

- Gain visibility into the financial transactions with students to better understand the source and application of tuition and other funds
- Analyze historical and current data, drilling from summary analyses to detailed reports and then finally back to the transactional system -- closing the loop to leverage insights from analysis into immediate actions

Role-Based Insight

Fusion Campus Solutions Intelligence for PeopleSoft Enterprise includes a Student Administration dashboard that provides an overview of key admissions, recruiting, and student information. Access to these dashboard pages can be associated with user roles, thus providing information and intelligence that are secured and relevant to the job functions of individuals. The Student Administration dashboard is comprised of the following pre-defined pages:

Student Administration Overview

The Overview page provides an at-a-glance analysis of trends in applicant levels, student retention rates, graduation rates, as well as financial aids and awards. This gives an overall indication of the institution's performance in various aspects of student administration processes.

Admissions and Recruiting Analysis

The Admissions and Recruiting Analysis page examines the performance of recruiting centers, applicant rates, as well as admission rates.

Student Records Analysis

The Student Records Analysis page reviews course enrollment trends and student academic standings.

Student Financials Analysis

The Student Financials Analysis page provides insight into financial aid and award disbursements, as well as student receivables.



Figure 1: Fusion Campus Solutions Intelligence Overview Page

Configurable Guided Analysis

Fusion Campus Solutions Intelligence for PeopleSoft Enterprise is designed to empower users in Higher Education Institutions with the information and intelligence necessary to gain valuable insight and facilitate decision making.

Pre-defined logical hierarchies in the metadata layer enable users to drill from summary analysis to increasing levels of detail within a given report. In addition, different reports can be linked together easily to serve as guided analysis, leading users through a series of logical steps on a path of discovery. These capabilities can greatly assist with root-cause discovery and facilitate timely corrective actions.

The pre-defined Student Administration Dashboard can be configured easily to follow institutional best practices, thereby propagating a common methodology throughout the institution and across multiple campuses.

Tight Integration with Transactional Applications

Fusion Campus Solutions Intelligence for PeopleSoft Enterprise is pre-integrated with Campus Solutions Warehouse through a pre-defined metadata layer. This metadata layer serves as the foundation for the dashboard as well as ad-hoc analysis, and has three main components:

- The physical model references the physical table objects and relationships delivered in all three data marts of Campus Solutions Warehouse.
- The business model defines how the physical tables are analyzed in order to support business rules and hierarchy drills. For example, a logical hierarchy is defined in the business model to support the drill path from Institution to Academic Career, Academic Program, Academic Plan and Academic Subplan. Derived metrics can also be defined through calculations using the basic measures provided out of the box.
- The presentation subject areas expose the business model definitions to the end

user for ad-hoc analysis. Security access can be defined for subject areas by user roles to help manage and secure appropriate viewing of any sensitive data.

Fusion Campus Solutions Intelligence for PeopleSoft Enterprise also provides seamless interaction with the PeopleSoft Enterprise Campus Solutions transactional system to drive insight to action. For instance, a hyperlink is provided on the Applicant Status Details report to drill from the dashboard directly back to the Application Maintenance component in the Enterprise Campus Solutions system. This drill-back enables a recruiter or an admissions director to take the insight derived from the dashboard analysis to drive immediate action to help an applicant resolve any pending issues in the application process, thus reducing cycle time and improving matriculation rates.

Lower Total Cost of Ownership & Rapid Deployment

Fusion Campus Solutions Intelligence for PeopleSoft Enterprise provides integration with the market-leading Oracle Business Intelligence Enterprise Edition (OBIEE) platform. The user-friendly dashboarding and ad-hoc reporting capabilities of OBIEE allow users to easily create their own dashboards and reports while minimizing administration and support costs. Through Oracle BI Answers—the dashboard authoring component of OBIEE—users can select relevant metrics and dimensional attributes from the metadata catalogue to create their own reports or dashboards. Oracle BI Answers also supports a wide variety of charting and display options, making the user analysis experience highly intuitive and flexible. Additionally, the underlying pure Web architecture provides a zero-install Web client platform that enables rapid deployment to thousands of users.

Fusion Campus Solutions Intelligence for PeopleSoft Enterprise delivers three data marts with pre-integrated analytic content that users can leverage to create or modify dashboards that meet their business needs. Pre-built data extractions and transformations in the Campus Solutions Warehouse ensure the highest level of data quality and integrity. The three data marts included in the release are:

Admissions and Recruiting Mart

The Admissions and Recruiting Mart provides key metrics and attributes to analyze the recruiting and admissions lifecycle. Applicant rates can be compared year over year by academic program to offer insight on the conversion percentage of applicants to students and the programs in which they are enrolled. External GPA and class percentile ranking can be tracked by institution and degree program to measure applicant academic excellence. The facts and dimensions for the Admissions and Recruiting Mart are:

Facts

- Applicant Count
- Application Count
- Average Score
- Enrollee Count
- Class Percentile
- Class Rank
- Class Size
- Converted GPA

- External GPA
- Matriculation Count
- Numeric Score
- Prospect Count
- Score Percentile
- Units Attempted
- Units Completed

Dimensions

- Academic Career
- Academic Level
- Academic Load
- Academic Plan
- Academic Program
- Academic Program Dual Academic Program
- Academic Rank Type
- Academic Subplan
- Academic Unit Type
- Admit Type
- Application Center
- Application Method
- Campus
- Day Application Completion Date
- Day Application Date
- Day External Test Date
- Day Last School Graduation Date
- Day Recruiting Status Date
- Day Referral Source Date
- Degree External Degree
- Document Details
- External Academic Career
- External Academic Level
- External Academic Summary Type
- External Academic View
- External Organization Last School Attended
- External Term
- External Test Component
- GPA Type
- Institution
- Person
- Person Attribute
- Person Recruiter
- Program Action
- Program Action Reason
- Program Status
- Recruiting Center
- Recruiting Status
- Recruitment Category
- Referral Source
- Region for Campus Solution
- Residency
- Term Admit Term
- Term Expected Graduation Term
- Test Data Source
- Year External Term Year

Student Records Mart

Student Records Mart captures information about course catalog, class scheduling, student career term records, and enrollment trends to identify the effectiveness of course and degree program offering. Average GPA

can be used to measure student achievement by campus, career, and program. Faculty workload can be analyzed to manage a balanced faculty to student ratio. The facts and dimensions for Student Records Mart are:

Facts

- Allowable Exclusion Count (7 years)
- Class Count
- Course Count
- Current Grade Point Average
- Degree GPA Points
- Full Time Headcount
- Grade Points
- Graduation Count (7 years)
- Instructor Load Percentage
- Maximum Audit Units
- Maximum Total Units
- Maximum Units towards Non Grade Point Average
- Maximum Wait Units
- Minimum Total Units
- Other Units
- Part Time Headcount
- Primary Instructor Count
- Repeat Count
- Retention Count (7 years)
- Student Enrollment Count
- Assignment Percentage
- Average GPA
- Student to Instructor Ratio
- Teaching Indicator Flag Count
- Term Enrollment Count
- Total Headcount
- Total Term Units
- Units Earned
- Units in Progress
- Units in Progress for Grade Point Average
- Units in Progress for Non Grade Point Average
- Units Passed in Progress
- Units Passed for Grade Point Average
- Units Passed for Non Grade Point Average
- Units Taken
- Units Taken in Progress
- Units Taken for Grade Point Average
- Units Taken for Non Grade Point Average
- Units Transferred
- Week Workload Hour Count

Dimensions

- Academic Group
- Academic Level End Term
- Academic Level Projected
- Academic Level Start
- Academic Load
- Academic Organization
- Academic Plan
- Academic Subplan Term
- Academic Program
- Academic Standing
- Admit Type
- Award

- Campus
- Class Number
- Class Rank Number
- Class Section Code
- Course
- Day Action Date
- Day Degree Conferral Date
- Day Enrollment Add Date
- Day Enrollment Drop Date
- Day End Date
- Day Fully Enroll Date
- Day Start Date
- Day Withdrawn Date
- Degree
- Degree Honors
- Degree Status
- Document Details
- Enrollment Status
- Ethnic Group
- Facility
- Gender
- Grade
- Instruction Mode
- Instructor Class Role
- Instructor Load
- Location
- Person
- Person Attribute
- Person Primary Instructor
- Program Action
- Program Action Reason
- Program Status
- Repeat
- Session
- SSR Component
- Student Career Number
- Student Cohort
- Student Group
- Term
- Term Admit Term
- Term Completed Term
- Term Expected Graduation Term
- Term Requirement Term
- Term Residency
- Year Academic
- Year Admit

Student Financials Mart

The Student Financials Mart enables analysis of financial aid amounts awarded to applicants, as well as the percentage of applicants not awarded. Student receivables from tuition and fees can be tracked by accounting period and program. In addition, you can understand the percentage of total tuition revenues that are coming from institutionally funded awards, lending institutions, and other funding sources. The facts and dimensions for Student Financials Mart are:

Facts***Financial Aid***

- Accepted Amount (in base and additional currencies)
- Authorized Amount (in base and additional currencies)
- Award Count
- Disbursed Amount (in base and additional currencies)
- Offered Amount (in base and additional currencies)

Student Financial Services

- Charge Amount (in base and additional currencies)
- Encumbered Amount (in base and additional currencies)
- Overdue Bill Count
- Late Payment Count
- Paid Amount (in base and additional currencies)
- Payment Amount (in base and additional currencies)
- Total Bill Amount (in base and additional currencies)
- Total Paid Amount (in base and additional currencies)
- Transaction Amount (in base and additional currencies)

Dimensions***Financial Aid***

- Academic Career
- Aid Year
- Award Period
- Award Status
- Business Unit Student Financials
- Currency Attributes
- Day Snapshot Date
- Dependency Status
- Disbursement
- Document Details
- Federal Aid Application
- Financial Aid Item Type
- Financial Aid Type
- Institution
- Person
- Student Aid Attributes
- Student Financial Aid Terms
- Term

Student Financial Services

- Academic Career
- Academic Level
- Academic Plan
- Academic Program
- Account Term
- Account Type
- Aid Year
- Business Unit Student Financials
- Currency Attributes
- Day Actual Billed Date
- Day Billed Date
- Day Disbursement Date Day Snapshot Date

- Day Transaction Due
- Day Transaction Paid Date
- Date Document Details
- External Organization
- Item Type
- Person
- Term
- Year Academic
- Year Calendar

Extensibility & Scalability

Oracle Business Intelligence Suite Enterprise Edition (OBIEE) offers an integrated, comprehensive suite of open, standards-based business intelligence products and provides the best foundation for building enterprise-wide BI solutions. Utilizing the sophisticated business calculation and analytic engine within the Oracle BI Server, OBIEE provides a scalable and robust analytical platform that can handle both very large data sets and diverse user communities with unparalleled speed, power and extensibility. OBIEE delivers powerful, easy-to-use analytic reporting and intelligence across any data source or IT infrastructure investments you may already have.

Leverage Your Investment in PeopleSoft

Oracle is committed to continuously improving current customer investments, while simultaneously delivering innovative, next-generation solutions. Fusion Campus Solutions Intelligence for PeopleSoft Enterprise delivers on this commitment by integrating PeopleSoft Enterprise Performance Management with Oracle's market-leading BI platform, Oracle Business Intelligence Enterprise Edition. With Fusion Campus Solutions Intelligence for PeopleSoft Enterprise, you can drive more value out of your existing PeopleSoft investment while taking your first steps toward Oracle Fusion Applications.

Companion Documents

For more information on the PeopleSoft Campus Solution Warehouse, please refer to the *PeopleSoft Campus Solutions Warehouse for Higher Education* datasheet.

For more information on the Oracle Business Intelligence Enterprise Edition technology, please refer to the *Oracle Business Intelligence Suite Enterprise Edition* datasheet.

About PeopleSoft Enterprise Performance Management

Oracle's PeopleSoft Enterprise Performance Management suite belongs to Oracle comprehensive, market-leading set of analytic and business intelligence applications. Only Oracle delivers the full spectrum of analytic applications with capabilities such as corporate performance management, interactive dashboarding, and embedded analytic functionality for delivering insight pervasively across your enterprise. Open, pre-built, industry-specific business intelligence applications provide actionable intelligence for each business function and user role.

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