



Major University

Strategy, Development and Implementation of an Enterprise Data Warehouse and Business Intelligence Environment

Objective

This university, with over 70,000 students enrolled across multiple campuses, was in dire need of a new series of computing systems to replace a legacy environment. A key part of the strategy centered around the need for timely and accurate access to information to track and manage registration, financial aid, grades, grants, purchases, and staff compensation. "In the past, our data infrastructure consisted of many different silo-ed systems, developed with many different legacy tools and no integration. There wasn't a way for the university's data users to have a single source of administrative information. Users would produce different reports that supposedly conveyed the same meaning, but had different results," says their director of Data Warehousing and Decision Support. With different individuals creating reports on the same data, valuable time was wasted in trying to reconcile the differences among reports. In the past five years, the university completed a major project to update its operational systems with SCT Banner, an ERP solution. At the same time, the decision support unit built a data warehouse to capture data from the new system.

Solution

Professionals from CBIG were engaged by the university to develop the overall strategy of the future business intelligence environment, plan the rollout of the program and assist the University staff with the development, testing, training and implementation of the solution. Likewise, CBIG assisted the university in identifying key information that needed to be added for tracking purposes to the ERP system so that proper analysis could be executed downstream.

CBIG's role included working with the management of the university to determine a top-down business strategy that was then decomposed into the business, data, technical, application, organization and process requirements. CBIG consultants assisted the university in selecting the proper toolsets, trained staff on BI/DW best practices, and drove development while mentoring the staff through implementation.

During the engagement, CBIG worked closely in assisting the university develop their governance, processes, security specification, and organization while implementing Business Intelligence solutions serving several hundred users executing thousands of queries in the areas of registration, operations, financial analysis and planning.

Customer Profile

The client is a major university with over 70,000 registered students across multiple campuses.

Business Situation

The university required information access, reporting, analysis and distribution system to replace a legacy environment that used a set of paper reports from silo-ed legacy systems that were often untimely and contained conflicting data.

Technology

Oracle 9i
SCT Banner
Business Objects XI, and
Crystal Reports XI
Informatica

CBIG Corporate Overview

Business intelligence and data warehousing are all we do. CBIG offers a full range of services and software targeted at your Business Intelligence environment. Whether you are implementing a data warehouse, a data mart, or need help realizing value from a project already completed, we can help. At the heart of our practice is TruCourse™, our integrated methodology, and FrogPoint™, our BI program management software.