

## Business Intelligence and Data Warehousing Accomplishments

### May Company – Merchandising Information & Executive Presentation System

I was the Technical Lead on this project in which we defined, designed, and created a Business Intelligence system that would allow executives to quickly obtain merchandising information used in making key business decisions on large terminal displays without having to search through voluminous paper output.

### Ralston Purina – Data Marts / Data Warehouse

I was the Technical Lead on this project in which we defined, designed, and created a Data Warehouse and multiple Data Marts for reporting sales volume data in multiple ways to the executive staff. The raw data from which the data would be extracted was located in multiple locations on multiple platforms and updated both in batch and online.

During the course of this project, and as a secondary output of this project, I also designed the templates used for data extraction, analyzed, configured, and implemented the system used for source code control, and implemented application standards used in UNIX shell scripting, Oracle PL/SQL scripts, SYNC SORT input files, COBOL execution parameters, and the automatic report distribution framework used in conjunction with Lotus Notes.

### Blue Cross Blue Shield of Michigan – Facets Implementation

I was the Technical Lead on this TriZetto Group project in which we defined, designed, and created hundreds of customized reports and letters to supplement the ones that were already a part of the standard Facets application. Each report needed to be capable of being launched separately or combined with several others on a predetermined schedule. The task required a complete analysis and understanding of the two operating system platforms, 10 different servers for each of five separate environments, and knowledge of 3 separate report producing frameworks (Business Objects, Data Integrator, & Brio). In the midst of helping the reporting team achieve their goals, I was also asked to design and create the separate system that automatically generated all of the bills BCBSMI would send to their membership.

During the course of this project, and as a secondary output of this project, I also designed a code generation system, a TierMed ftp and VPN communication subsystem, an Automated Archive and Purge subsystem for Business Objects as well as all log generation subsystems, and implemented application standards used in UNIX shell scripting, SQL scripting, and Data Integrator Parameter Tables. I also authored “Launchware” which was a subsystem that provided standardization, environment independence, multi-server communication, and task-launching capabilities to 10 separate Windows and UNIX servers in each of five separate environments for each client hosted in the TZG Hosting Center.

### OSF Healthcare – ASO Reinsurance Data Mart

I was the Technical Lead on this project in which the client wanted to implement an ASO reinsurance data mart that would extract data from a Facets database and two external data sources, integrate them into a single data mart, and produce automated reports that would be available via a SharePoint Portal

and SQL Server Reporting Services. This was a fast-track project that included discovery, requirements gathering and definition, design and development of the data mart, ETL subsystem, and SSIS reports, testing of all components, and the implementation and rollout into production in a 45 day timeframe.

### Blue Cross Blue Shield of Louisiana – Facets Implementation Custom Reports

This implementation included not only the transfer and conversion of basic data like membership, groups, billing, eligibility, claims history, and provider information, but also included the technical leadership on the development and implementation of over 35 interfaces, 200 reports, 6 custom applications, and the design and development of a data warehouse, data mart, and data store along with the automated population of same via the interfaces. I also provided technical leadership on the configuration and performance tuning of the database, servers, and batch schedule.

### Blue Shield of California – Data Warehouse Implementation

During the first 6-8 months of this project, I was a member of the Architectural Design Team that helped define the infrastructure that was to be used for the TriZetto Facets implementation. This included the Informatica platform that was to be used for the ETL processes that would populate the Data Warehouse. Although I was not directly involved in the design and creation of the Data Warehouse, I was a part of the platform design committee that analyzed the data volume and data sizing requirements.

### Western & Southern Financial Life – Standard Report Templates

In addition to my primary responsibilities of analyzing before and after interface output, I developed some reporting templates for the Reporting Team that would provide a common or standard “look” to all of the Crystal Reports developed for this project.

### Government Employees Health Association – Facets Implementation Custom Reports

The client wanted to duplicate a number of reports that they had become accustomed to in their daily operations. The TriZetto Facets implementation included the development of report technical specification documents and the associated SQL for each report. The SQL needed to include two versions; one for the Facets data model and one for the HPXR (Data Mart) data model.