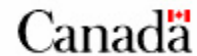


Procuse helped reengineer the data warehousing infrastructure for optimal data reporting and analytics for Government of Canada

Human Resources and Social Development Canada

Client since December 2002
Location: Ottawa, Ontario, Canada
Industry: Government



Client Overview

Human Resources and Social Development Canada (HRSDC) is one of the largest ministries by budget in the federal government of Canada. HRSDC manages an enormous budget, overseeing programs such as Employment Insurance, Canada Pension Plan, and Old Age Security.

Client Objectives

The CMS/DSS (Corporate Management System / Decision Support System) department has numerous Business Intelligence applications, among them were a number of Cognos “data cubes” that allowed users to access data about budgets, budget forecasts, expenditures and transactions. HRSDC needed a single finance “cube” that could access all data in a single consolidated view. Also, the current systems were not able to capture changes to reference data over time – thus cubes could only be built for a single year.

Procuse Contribution

Procuse helped HRSDC to understand the issues, and demonstrated the methodology and modeling techniques required to overcome the implementation and data management challenges. Procuse helped the HRSDC staff to consolidate and standardize the use and definition of the basic measures. Procuse also demonstrated how to design a data model that would efficiently and effectively capture changes to reference data – a prerequisite to the goal of a single merged data cube.

Procuse designed a processing flow consisting of a Staging Database to receive source data from the mainframe. The Primitive database uses a normalized data model to capture all historical data. Lastly, the Derived database was specifically designed for reporting, cube interactions and data analytics. Procuse defined the ETL (Extract Transform Load) processing and mapping required for the data to migrate from each stage to the next.

Technology

Cognos, Oracle database

Results

Procuse demonstrated our exceptional expertise and understanding of Data Warehouse applications, data modeling and data processing.