



CASE STUDY: STATISTICS CANADA APPLICATION MODERNIZATION THROUGH SERVICE-ORIENTATION



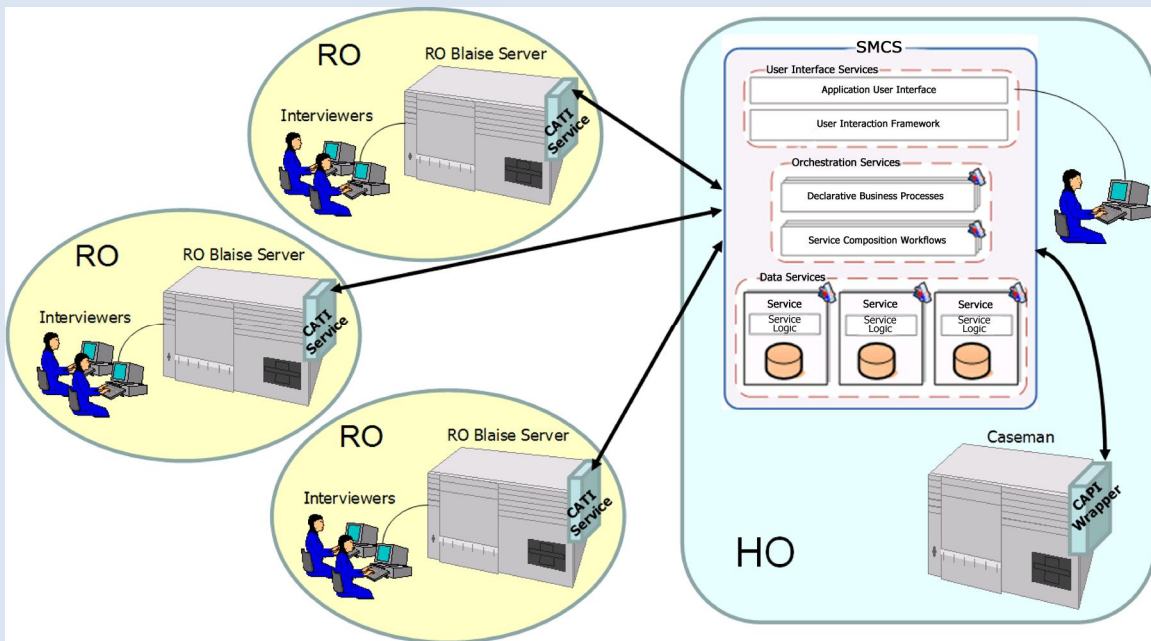
Statistics Canada / Statistique Canada

In Canada, providing statistics is a Federal Government responsibility. As Canada's central statistical agency, Statistics Canada is legislated to serve this function for the whole of Canada as well as each of the Provinces. Statistics Canada produces statistics that help Canadians better understand their country-its population, resources, economy, society and culture. In addition to conducting a Census every five years, there are about 350 active surveys on an ongoing basis on virtually all aspects of Canadian life.

Problem

Statistics Canada's challenge revolved around the large number of surveys conducted each year, involving millions of unique individuals surveyed. The previous mode of operation instantiated each survey as a separate application, and survey management was a series of manual processes. This further resulted in an inefficient process for the collection of survey results.

Solution



Apption working with Statistics Canada architected a survey master control system, based upon Service-Oriented Architecture (SOA). It integrated and adapted legacy applications as services within an SOA, and automated manual processes as SOA workflows. The streamlined architecture separated shared infrastructure from program specific data and workflows.

Benefits

- Increased process automation and flexibility
- Simplified survey execution and management
- Support for new client requirements and collection modes
- Improved governance and real-time security