

## Procuse re-engineered data warehouse ETL process to execute over 20 times faster

### Allstate Insurance Company of Canada Ltd.

Client since December 1998  
Location: Toronto, Ontario, Canada  
Industry: Financial/Insurance



### Client Overview

The Allstate Insurance Company of Canada (Allstate Canada) is a member of one of the largest insurance organizations in the world, The Allstate Corporation. Allstate Canada has provided property and casualty insurance products to Canadians since 1953. Allstate offers a full line of auto, home, individual life and financial products through a network of agents in many communities across the country.

### Client Objectives

Allstate was experiencing significant performance issues with a new data warehouse application used for evaluating automobile policies and claims. The complexity of the business problem resulted in a month-end ETL process that was not able to complete within the prescribed SLA (service level agreement). This represented a significant delay before data could be made available, and it also meant that the ETL process could run only every other month. Furthermore, the reliability of the process left much to be desired.

Allstate was looking for increased stability and a reduction to no more than a 12 day processing window. Allstate engaged Procuse to achieve this cycle time. Procuse entered into a fixed price contract in which Procuse would be paid only if the goal was successfully achieved.

### Procuse Contribution

Procuse examined the process logic and after a short analysis phase, recommended that replacing the entire ETL process would be more productive than attempting to tune it. The business logic was complex, but Procuse was able to envision and then implement the algorithms that encapsulated the required efficiency. Procuse expertise in tuning complex SQL statements was a key factor in achieving the superlative results.

### Technology

The revamped ELT programming logic was done using Oracle's SQL and PL/SQL

### Results

The results significantly exceeded Allstate expectations, and the month-end process completing in just 43 hours. Allstate's IT and business management teams were both extremely pleased with this accomplishment.