

## CASE STUDY – DGTIC

### Summary

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#### Organization / client

Centre de Services Partagés du Québec et Direction Générale des Technologies de l'Information (DGTI)

#### Sector

Government of Quebec

#### Project

2005 – 2006

Migration of the entire IT mainframe environment (6 mainframes)

#### Technology

System z mainframe servers, z/VM, Linux for z Series

### Results and benefits

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- Marked improvement in performance;
- Increase in the upgradeability of the technology;
- Reduction in maintenance costs;
- Decrease in software support costs.

### Background

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- DGTIC is responsible for providing IT services to the CSPQ and consequently for the applications shared among all Government of Quebec departments;
- When DGTIC took over the government's mainframe computers, it also inherited an important portfolio of software licenses;
- The primary mandate of DGTIC is to use IT to simplify the public's access to government services;
- The mainframe servers had become outdated (2001).

### Needs and challenges

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- Upgrade servers to update the technology;
- Enhance performance;
- Reduce maintenance costs;
- Minimize the impact on users.

### Solutions

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- Together with our partner IBM, conduct an analysis of the architecture required;
- Evaluate the equipment and technology that will best assure system progression and upgrading;
- Recommend 64-bit System z to update the mainframe servers and assure the smooth implementation of new applications;
- Implement and configure mainframe servers;
- Transfer knowledge to IT managers and technicians.