Case Study
Ministry of a provincial government of Canada

OnX
CANADA

Overview

The client is the ministry of one of the provincial governments of Canada. It delivers services for over 15 million residents and supports over 400,000 public sector workers. The ministry needed a flexible, scalable public cloud solution that fits within a fixed budget and offers greater autonomy. They also needed greater control over an online vaccine portal.

Challenge	OnX solution	Results
• The ministry spent over $450,000 per month with an IT service provider.	• OnX Canada migrated the ministry's storage from a legacy platform to an optimized AWS environment, which utilizes a consumption-based billing model.	• The client achieved cost savings of $300,000 per month.
• The ministry needed to expand an online vaccine dashboard to track COVID-19 issues and include other health challenges.	• OnX redesigned and expanded the online platform and provides ongoing guidance.	• The client brought the application back under control and enjoys a consistent expense model for the platform's lifecycle. The solution is highly scalable and functional for future diseases and COVID variants.
• The ministry needed to move to a public cloud for greater efficiency and cost effectiveness.	• OnX added and optimized built-in security solutions.	• Because the landing zone conforms to the comprehensive enterprise architecture and security standards, the ministry seamlessly migrated the application into AWS while maintaining and enhancing the functionality of the application.

Navigating the application era

Challenges

Healthcare providers across the province and the whole of Canada seek guidance from the ministry. Additionally, millions in the general population depend on its ability to stay updated with the latest developments in ongoing health crises. The ministry is on the cutting edge of science, research, and healthcare communications. As such, it relies on technology to communicate recommendations and to educate healthcare providers and the public as quickly as possible.

The ministry sought to expand a vaccine portal that it used to distribute and schedule health information related to COVID-19. It also needed to find a flexible cloud solution to help cut costs. Under the old provider, the ministry spent over $450,000 per month on integrated IT services. When seeking a new provider, it realized its current solutions were not flexible or scalable enough to meet the rapidly changing healthcare landscape and stay ahead of the latest coronavirus variant.

Solutions

OnX migrated the ministry to a customized AWS public cloud solution. The service features serverless computing, allowing the client to execute functions off-premises in the Cloud. The service's design allows organizations to maintain critical IT infrastructure and existing platforms during migration to the Cloud. Additionally, cloud-based AWS is highly scalable, ensuring the client will maintain the application's usefulness regardless of future growth and changing needs.

Using well-architected design principles and tested methodologies, OnX addressed secure and modern cloud adoption for agencies and departments province-wide. An easy-to-use implementation strategy is based on functions including:

- Business analysis and development.

- Architecture and design.

- Solutions development.

- IT Consulting Vendor of Record status.

Results

The ministry has already seen a cost savings of $300,000 per month. It now has more direct control over the vaccine portal and can rapidly customize it to stay up to the minute with emerging health threats. Because of the application's compatibility with AWS, the client migrated the application easily while maintaining and enhancing its functionality.

The OnX solution is highly scalable and functional for tracking and communicating information about future diseases and COVID variants. The client plans to onboard a new case management system to track outbreaks and other communicable diseases. Additionally, it aims to implement other dashboards based on clean water monitoring, wastewater disease management, and other functions in conjunction with other Ministries across the provincial government.

A team of project managers and expert engineers co-manage the solution's maintenance and manager, enabling the ministry to focus its efforts on optimizing the application's functionality and mission-critical initiatives.

OnX is a wholly owned subsidiary of CBTS that serves Canadian businesses, health care organizations, and government agencies across Canada.

Contact the experts at OnX today
to begin strategizing your company's digital transformation journey.

On
CANADA

Navigating the application era