

## Case Study

# Cloud Migration to cloud.ca

Switching from a managed co-location model to a fully managed cloud infrastructure resulted in a scalable and flexible enterprise class solution, increased performance, and higher availability with multi-zone disaster recovery, all on an SMB budget.



## About Insurance Insight Inc.

Insurance Insight Inc. is a licensed insurance broker that develops and distributes unique, high-quality, consumer-focused insurance products and is the pioneer of WALKAWAY, the first vehicle return program. The company provides their clients robust web-based applications for quoting and purchasing insurance policies, claims adjudication, underwriting, product development and business intelligence. The company operates out of the Greater Toronto Area, but provides services across Canada as well as in international markets.

## Goals:

Insurance Insight was looking to:

- Establish a Canadian-based scalable infrastructure to efficiently host their web applications.
- Manage and support their cloud infrastructure with an enterprise class, 24x7x365 support arrangement that would ensure high availability and act as an extension of its internal team.
- Leverage both managed infrastructure as well as pay-per-use billing options.
- Ensure protection of data and availability with multi-zone load balancing and disaster recovery.

## Challenge: Legacy Infrastructure

Insurance Insight previously hosted their web applications on the company's own hardware infrastructure in a managed hosting environment. This situation posed several challenges:

- Hardware aging required constant investments in new infrastructure.
- Evolving web application requirements and user demands resulted in frequently needing to scale up servers with additional resources.
- Infrastructure was fixed in size, so it was cost prohibitive to prototype or temporarily expand the infrastructure on-demand.
- Infrastructure costs were rapidly increasing to keep up with the company's high growth rate.

Resolving the above challenges would allow Insurance Insight to focus on developing its applications and not on its infrastructure, helping it rapidly launch new applications, features, and improvements, and ultimately provide a better customer experience.

*"We produce a lot of material that is uploaded to the site and our listeners have high expectations for their experience."*

– The customer's Director of Digital Operations

## Solution: Managed Cloud Services

CloudOps experts assessed Insurance Insight's web application requirements. They suggested a cloud architecture and tested a cloud configuration that would provide sufficient traffic throughput for the Insurance Insight applications. On **cloud.ca**, a Canadian Infrastructure as a Service (IaaS) provider, they set up the application layer, hardware, software, virtual machines, operating systems, storage and other infrastructure components on behalf of Insurance Insight.

In order to support the growing need for ever-better scalability, availability, and cloud security, CloudOps implemented a **managed Application Delivery Controller (ADC)** solution, operating as a multi-site ADC solution with flexible resource allocation. The ADC solution offers advanced functions such as caching, compression, connection multiplexing, SSL offloading, and other technologies to significantly speed up applications delivered via the web. The solution is a fully managed solution; therefore Insurance Insight Inc. does not absorb the overhead of administration and maintenance of the ADC. Resources are scalable and are automatically adjusted based on demand and are charged based on usage.

Today, CloudOps manages Insurance Insight's consumption of cloud resources, handling routine tasks including system maintenance and monitoring, backups and resiliency planning.

The dedicated CloudOps team is responsible for 24 x 7 monitoring of Insurance Insight's infrastructure, applications, databases and performance. CloudOps maintains a multi-zone disaster recovery configuration to reduce the risk of a single point of failure situation.

With over fifteen years of experience working with open source, cloud platforms, networking, and DevOps, **CloudOps** is in a unique position to help businesses thrive in today's data-driven software economy. We help businesses successfully adopt and operate cloud platforms, taking advantage of self-service, utility economics and the API-automated, continuous delivery of IT. As a member of the Cloud Native Computing Foundation (CNCF) and the Linux Foundation Networking (LFN), CloudOps is actively involved in open source communities. CloudOps is also a Kubernetes Certified Service Provider (KCSP) and a Kubernetes Training Partner (KTP), providing consulting, training, and managed services for cloud native and DevOps practices and deployments.



**Own your destiny in the cloud**

Cloud and code agnostic, but opinionated

## Outcome:

The array of CloudOps managed cloud services created a scalable cloud solution that offers an economical use of cloud resources where there is no need to commit or invest in resources upfront. Instead, Insurance Insight utilizes unlimited resources in a dynamic, on-demand manner and only pays for the actual resources consumed. CloudOps' teams of experts ensure Insurance Insight's infrastructure and application platform innovate continuously to maximize the efficiency of their cloud consumption. The incremental investment in an advanced ADC managed platform was compensated by the reduced requirements for servers and bandwidth, and the clear improvements in end-user experience, employee productivity and application availability. Insurance Insight is now able to focus on their customers' needs with a worry-free flexible cloud infrastructure, while the CloudOps team ensures high performance, reliability, and disaster recovery.

**Click here** to learn more about how CloudOps can help you build and execute a cloud migration strategy that will modernize your application.

**Contact us** to find out if your organization is eligible for a free cloud migration.