





Architecting Scalable & Resilient Cloud Infrastructure with AWS

How Navsoft's Cloud Solutions empowered CGI to deploy critical applications on the cloud and ensure high availability while improving operational efficiency.



Client

Consumers' Guarantee Insurance Company Ltd. (CGI), established in 1993, is a prominent insurance provider in Barbados, holding the position of the second-largest auto insurer and third-largest property insurer. With a commitment to innovation and efficient customer service, CGI sought to modernize its IT infrastructure to support its growing operations and ensure business continuity.







Challenge

CGI faced critical infrastructure challenges with its on-premise systems.

They needed a more reliable and scalable cloud infrastructure.



Outdated On-Premise Infrastructure

Reliance on an on-premise backup server posed risks related to scalability and disaster recovery.



Need for High Availability

Critical applications like their intranet and mini-intranet require high availability to ensure continuous access.



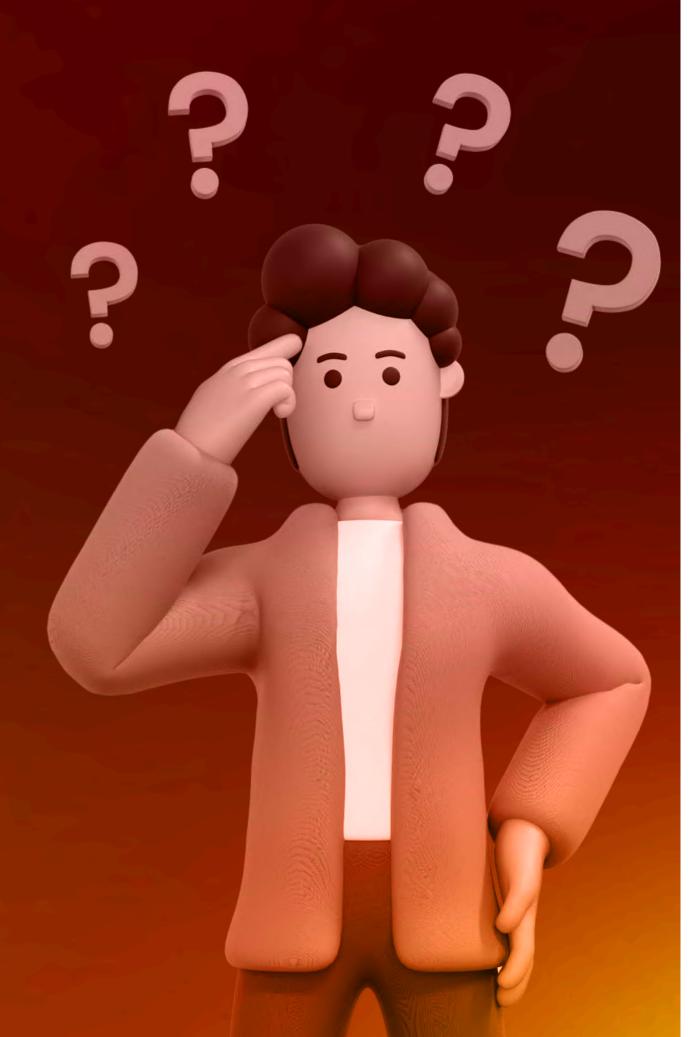
Disaster Recovery Gaps

The existing setup lacked an efficient disaster recovery mechanism, putting business continuity at risk.



Complex Deployment & Management

Deploying and managing development and live instances of their applications required significant manual effort.





Navsoft's Solution

Navsoft built CGI's customer servicing platform using a new-age application architecture and infrastructure. We deployed the intranet and mini-intranet applications on the cloud, providing a wide range of services including technical assessment, architecture guidance, and implementation:



AWS Cloud Deployment

Navsoft successfully deployed CGI's intranet and mini-intranet applications on AWS.



Disaster Recovery Method

Implemented a comprehensive AWS disaster recovery method for CGI's mini-intranet to ensure business continuity.



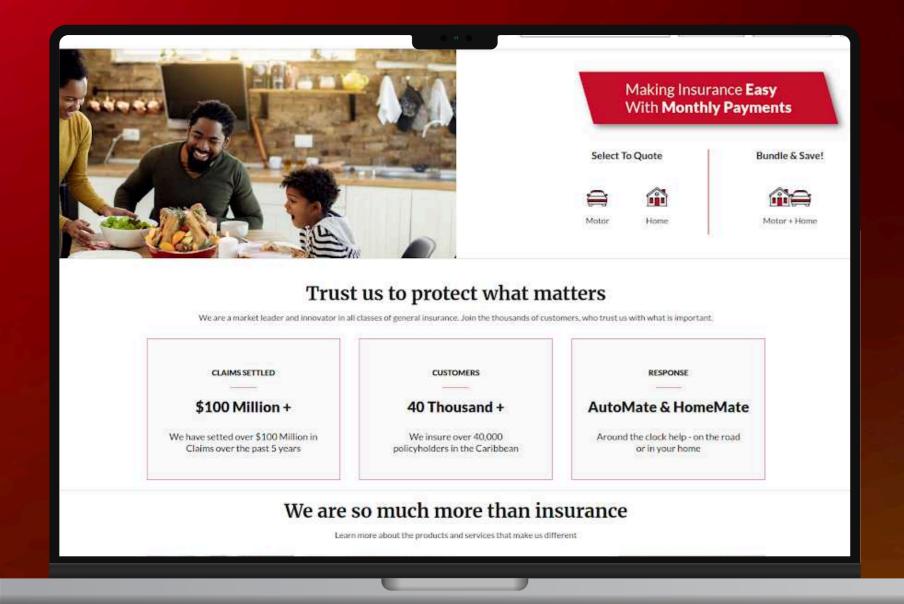
Network Configuration

Used VPC's customized firewalls to make the application more secure and reliable.



Data Security

CGI data on the AWS live instance is copied via CloudBerry Backup and stored in the backup server.



Key Results



Navsoft's cloud solutions and AWS expertise delivered significant improvements for CGI:

Enhanced Business
Continuity

Scalable Infrastructure

Increased Security

Improved Application
Performance & Availability

Streamlined Operations

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Ready to Achieve Similar Results?

Let's discuss how Navsoft can address your unique challenges and goals.

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