



# Protecting the UK insurance industry from risky bets



## LEXISNEXIS

**Industry:** Insurance  
**Technologies:** MySQL  
**Datacenters:** Multiple  
**Products:** ClusterControl

## USE CASE

Data technology provider seeking a secure way to deploy and manage MySQL for their clients

## WHY SEVERALNINES

Centralized database management with monitoring and automation features to allow them to better support their clients

## BACKGROUND

ILL is a UK-based data and technology company. ILL specializes in providing pricing, fraud, and compliance technology for insurance and credit providers.

Insurance providers rely on ILL to authenticate customer details by aggregating private, public, and industry data throughout the whole insurance lifecycle from quote generation to claims management. This means ILL processes over 100 million transactions every day in real-time. It is therefore imperative the supporting databases can handle the volume, variety, and velocity of data transactions.

## CHALLENGE

To accommodate new customers and meet growth projections, ILL realized its existing service platform needed more capacity without sacrificing performance. To meet the goal of having enough capacity for the next three years, database operations were made more complex with the addition of clustering, load-balancing, and high availability. ILL required an effective way to manage and monitor the clusters, as the previous approach was too manual and took away hours of valuable time a day from the IT team which could be spent on other projects.

## SOLUTION

After being recommended and trialed by the IT team at ILL, Severalnines' ClusterControl platform was deployed within weeks to resolve the database challenges. ClusterControl now automates the management and monitoring of a number of clustered MySQL systems, which in total handle over 40 Terabytes of data. ILL can meet market expansion without compromising on database reliability and resilience.

*ClusterControl gives us detailed insight into our database clusters in an intuitive format. Now we can see what is really going on under the hood quickly without a lot of time to go through the logs.*

Andy McCulloch, IT Manager for ILL

## OUTCOME

Andy McCulloch, IT Manager at ILL, said: “The majority of our customers need to deliver online insurance quotes in real-time and this requires ILL to be as fast in providing customer checks. ClusterControl gives us detailed insight into our database clusters in an intuitive format. Now we can see what is really going on under the hood quickly without a lot of time to go through the logs. Automating database management saves us time in writing new code for checks and maintenance tools. If we need further optimization in the future, we want to work with Severalnines again.”

Vinay Joosery, Severalnines Founder and CEO said: “There are two forces which are threatening to pull the insurance industry apart. At one end, billions of pounds are lost every year due to fraud and non-compliance, whilst at the other end comparison websites are making it easier for customers to compare and buy policies in real-time and this reduces brand loyalty. ILL has a very important job in future-proofing the insurance industry by sharing reliable information and identifying risks such as fraud. Severalnines is glad to support ILL in a fast-moving insurance sector.”