

CASE STUDY

Liverton Security cuts deployment time by 50%, streamlines MySQL operations with ClusterControl

Liverton

Industry: IT Services for Government

Country: New Zealand

Solution: ClusterControl by Severalnines

Database: MySQL

IT Environment: 2 on-premises data centers

Use case

Liverton uses ClusterControl to manage MySQL across two on-premises data centers, halving deployment time and making troubleshooting three times faster. It supports TaaS compliance, integrates with their monitoring system, and will cut their MySQL upgrade effort by 30% while ensuring automated failover and high availability.

Why Severalnines

Liverton Security is a core service provider to New Zealand's government agencies and as such, has little tolerance for downtime. As part of their efforts to improve operational resilience, they chose ClusterControl and have experienced significant improvements in deployment and troubleshooting speed, as well as fault tolerance.

Background

Liverton Security provides IT services for New Zealand's government agencies, managing critical infrastructure and projects while ensuring secure and reliable operations. Dan Vary, Senior Systems Engineer, is part of a small team of engineers responsible for project delivery and business-as-usual management, focusing on stability, scalability, and efficient operations.

Liverton's challenge

Before adopting ClusterControl, Liverton Security managed a single MySQL database, creating concerns around scalability, redundancy, and operational resilience. As government clients depend on Liverton for continuity, manual database management was inefficient and posed risks of downtime during scaling or failover scenarios — Liverton sought the following:

- A mature, stable platform with MySQL compatible management and backup / restore features.
- Streamlined database management via automation to reduce manual intervention.
- Scalability and redundancy without heavy engineering overhead.

Selecting ClusterControl (CC)

The team discovered Severalnines ClusterControl through a targeted search for MySQL clustering solutions and found that it aligned with their needs and priorities, specifically;

1. **Ease of management:** Simplified operational workflows for a lean engineering team.
2. **Scalability:** Ability to expand infrastructure without disrupting services.
3. **Redundancy:** Automated failover to prevent downtime.

"We're saving a lot of time by not having to manually manage or migrate databases. ClusterControl ensures redundancy and scalability without the manual burden."

Dan Vary, Senior Systems Engineer, Liverton Security

While other solutions had been considered before Dan's tenure, CC was selected for its ease of deployment, active support, and alignment with Liverton's stability and scalability goals.

Experience highlight: implementation and support

During implementation, Liverton encountered issues unrelated to CC; but, Severalnines provided responsive and effective support, ensuring smooth deployment. The team noted the high-quality communication and expert assistance from Severalnines throughout the process.



Results and measurable benefits

Since adopting ClusterControl, Liverton Security has seen significant operational improvements:

- **Time savings:** Deployment time was reduced by 50%, while troubleshooting and investigation are now three times faster.
- **Compliance readiness:** ClusterControl has supported Liverton's certification under the New Zealand Government's TaaS framework.
- **Upgrade readiness:** Liverton plans to upgrade to the latest MySQL version in the coming year, with ClusterControl expected to reduce the effort by at least 30%.
- **Operational resilience:** Automated failover and monitoring reduce the risk of service disruption, improving Return to Service (RTS) metrics and business continuity performance.

“From an engineer’s standpoint, the fact that it’s a full ‘hands-off’ failover within the cluster is probably the most important measure — it directly supports Return to Service times and broader business continuity planning.”

Dan Vary, Senior Systems Engineer, Liverton Security

Wrapping up

Liverton Security **rates their experience with Severalnines and ClusterControl as 10/10**, reflecting high confidence in the platform's reliability and quality of support. Liverton is currently focusing on stabilisation and futureproofing, using ClusterControl to maintain operational reliability while planning for growth and additional scalability when required.



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