



# Answering Eurofunk's database SOS call



## EUROFUNK

**Industry:** Emergency Management

**Technologies:** Galera, MySQL

**Products:** ClusterControl

## BACKGROUND

Eurofunk began operations in 1969 as a sole trader with a focus on consumer electronics and radio technology. It evolved into a crucial component of the emergency services in Europe, responsible for planning, implementing, and operating command centers.

To provide efficient blue light services, it is crucial for Eurofunk to have an IT infrastructure that is highly available and fast. Unreliability and slow performance are unforgivable in a sector relying so heavily on the speed of execution and directness of action.

## CHALLENGE

Severalnines was brought on board to help manage the databases used by European blue light services' command centers who are responsible for dispatching response teams to emergencies. Eurofunk also provides command centers for well-known car manufacturers.

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Stefan Rehlegger, System Architect for Eurofunk

## SOLUTION

Severalnines' ClusterControl was preferred to Oracle because database speed was improved at a fraction of Oracle's licensing costs. Eurofunk also experienced database downtime caused by prolonged fail-over times of their Oracle databases. With ClusterControl, it was possible to easily deploy an active/active cluster to reduce downtime scenarios. Galera Cluster for MySQL was chosen as a back-end database replication technology; Severalnines provided the platform to deploy, monitor, and manage the back-end cluster and associated database load balancers, along with full enterprise support for the operations team.

## OUTCOME

Severalnines also helped Eurofunk improve the end-user experience for dispatchers working in the control centers. Rolling updates to the database layer is possible so emergency services have continuous access to up-to-date information to work with.

Stefan Rehlegger, System Architect, Eurofunk, said, "It's been hard to find a unified feature-rich database cluster management system in today's market but we've found one that has proved invaluable to our projects. With Severalnines' help, we've been able to deploy a centralized system across Europe and we're planning to expand our usage of ClusterControl to other territories. The deployment via a web interface without any background knowledge of database clustering helps us make services available on a 24h basis more easily. Severalnines also provided great support during systems implementation; it is the database management life-saver for a fast-paced business like ours."

Vinay Joosery, Severalnines' CEO, added, "As an outsider who has watched too many TV shows, working in emergency response looks like the coolest thing to do. In reality, the pressure command and control centers are under must be unbearable and to do their work effectively, they need the freshest information on accidents and emergencies. I'm happy to see Severalnines' technology markedly improve the performance of their systems. Eurofunk keeps people safe and if we can keep their database safe and available, it means they can continue doing the great work they do."