



DevOps on AWS Case Study

Emil Frey France - An accelerated transformation



France

About Emil Frey France

Emil Frey France (EFF), formerly known as PGA Motors and now part of Emil Frey group, is a leader in automotive distribution and services in France and Europe.

The group has 250 employees in France and 10 000 in the world.

Since its origin, the company is focused on customer satisfaction and high-quality service for the best price.

THE CHALLENGE

Autosphere is the online platform of EFF used by its customers and essential for company business. The platform was hosted on an old gen On-Premises hosting provider and faced many downtimes and reliability issues affecting customer experience, business and reputation. Further, the monolithic platform could not scale and EFF must accelerate its digital transformation to perform new businesses. One of its customers planned ad campaigns for a white label deployment so huge traffic was expected.

THE SOLUTION

EFF chose to redesign the architecture of Autosphere and adopt the Cloud to operate in a more reliable environment. Gekko has built an AWS Cloud Platform based on its NextGen MSP offer and expertise. Each component was moved to AWS with Gekko support. The new infrastructure has been built and deployed through automation tools as Ansible and Jenkins, in distinct environments. The platform runs with EC2, S3, ELB, Aurora, RDS, ElastiCache, Redis, Elasticsearch and EFS. RabbitMQ was released on EC2.

THE BENEFITS

Business & platform scaling

Lower lead time, business growth.

Scalability (x3), availability.

Automation, team collaboration.

Customer experience

Value creation, agility and customer

experience. Faster releases (CI/CD),

rollback and reduced downtime.

Operational excellence

Cost reduction to 40% after 4 months.

Security, compliance. Monitoring,

incident response, change failures.

ABOUT GEKKO AND AWS

Gekko is a consulting company providing services and expertise in Cloud computing & DevOps helping its customers through a strong technical expertise and a deep business knowledge.

Organizations using a DevOps model deliver applications quicker and innovate faster. AWS offers infrastructure resources designed to support continuous integration and delivery, infrastructure as code, microservices, and monitoring & logging.

NEXT STEPS

To learn more about how AWS and Gekko can help your business, visit www.gekko.fr