COVRIZE
COLLECTIVE, WE RISE

Dealer Management & Digital Work Order System

Summary

- A Norway–Based Client had a legacy application that needed modernization to improve performance optimization and ensure high availability.
- The team proposed a migration plan with microservices architecture, achieved real-time synchronization between over 12 external applications, and delivered the successful migration before the deadline.
- The project also included developing more than seven independent mobile and web apps, all integrated with the same microservices.
- The case study showcases the benefits of using the latest technology and microservices architecture to achieve successful migration and deployment within a tight timeline while meeting the client's requirements.

Problem Statement

The Norway-based client is having own application built with a monolith framework and older technology stack. The application needs to be updated to the latest architecture and framework to bring more dealership users to use it with high availability and performance optimization. It also required some integrations with other dealer management systems in Realtime.

Solutions for the Ports

Proposed **architectural change and migration plan** with the estimation and required team members

Created a blueprint of the application and integration with the other dealer management systems (ERP) and CRM with real-time synchronization

Micro frontend & microservices architecture used for all modules

Migrated application **delivered before schedule** (180 days before the deadline) with additional modules

Realtime sync between more than 12 external applications without deadlocking

Deploying entire application with infrastructure as code using the latest technologies on **IaC Tool**

More than 7 independent mobile and web apps developed and all of them are integrated with the same microservices for different sets of the userbase