

CASE STUDY

DevSecOps for State Government



The Challenge

With deployments requiring a large staff and long timelines; our client was dependent on outdated processes to enhance and maintain their current applications. Defining what steps can be taken to eliminate waste, increase quality while also increasing speed to market through a continuous delivery pipeline with a comprehensive cloud strategy was imperative to future success.

The Solution

Motion Consulting Group facilitated a DevOps Application and Infrastructure Assessment. Based on the results, MCG developed an Implementation Strategy focused on Cloud Migration from on premise to AWS, migrating applications to a modern CI/CD framework, and implementing Liquibase for database automation. Motion led the effort to automate the build process for over 70 applications.

Outcomes

- Created CI/CD pipeline to improve the predictability and quality of the build process by implementing modern tools (Jenkins, Gitlab, Ansible, Java, Groovy)
- Decrease time to build applications by 95% (from 3 days to 3 hours)
- Improved resource dependencies by 90% for deployments (from 10 people to one)