

Success Story: ADK Group



THE CHALLENGE

ADK Group was working with a client to develop and test an AWS-based application and engaged WSM to review their client's containerized AWS environment and provide appropriate best practices and recommendations to resolve any issues before the environment was put into production.

THE SOLUTION Planning & Discovery

After reviewing the containerized AWS environment, WSM found that that the environment experienced downtime during code updates, a lack of SSL certificates, and outages based on traffic influx due to no auto-scaling in place.

WSM was able to provide ADK Group's client a robust software development pipeline with the following fixes:

- Updated ECS Containers and application codebase by implementing a script and workflow that provided zero downtime when code changes are made
- Implemented Amazon-provided SSL certificates so that website terminates at the Application Load Balancer
- Created and implemented an auto-scaling policy so that the client's instance could be scaled based on demand to avoid high-traffic outages

WHY WSM

Though the end-client was not our client, WSM was able to provide additional value to ADK Group's client, thereby strengthening their relationship.

Following the implementation of WSM's solutions, ADK Group could put the client's environment into production. The newly configured environment now has a software development pipeline that can be scaled on-demand and updated with zero downtime. These changes allow the client to make changes to their environment almost instantaneously, for a better overall customer experience with an environment that experiences zero downtime due to traffic influx, and a more secure infrastructure.

QUICK FACTS

Type of Project:
Container Review, DevOps Consulting

Industry:
Digital Agency/Application Development

Tools Used:

- Amazon ECS
- S3
- Docker

ABOUT THE CLIENT

ADK Group is a Boston-based digital agency and application development company that works with enterprise-level clients across the globe. Their services range from healthcare research applications to web development to database driven application development.