

CASE STUDY

BUILD A MODERN CUSTOMER FACING WEBSITE WITH AWS

CLIENT OVERVIEW:

The client is a market-leading provider of specialized finance solutions for the automotive remarketing industry.

CLIENT PROFILE:



LOCATION:
Carmel, IN



EMPLOYEES:
500+



INDUSTRY:
Automotive
Remarketing



SOLUTIONS:
API Gateway, Lambda,
DynamoDB,
CloudWatch, S3

CASE STUDY: BUILD A MODERN CUSTOMER FACING WEBSITE WITH AWS

CHALLENGE:

Since the original implementation of the clients website, it had become increasingly costly to manage and maintain. Over time the legacy technology became complex and required specialized product knowledge that had become scarce. The development of new features was time-consuming. Product releases were limited to once per quarter, which lagged behind what was needed by the business. In addition, upgrades to the platforms were costly and created delivery barriers. Both platforms had reached End of Support (EoS) and were scheduled to be decommissioned, which made it a requirement that the existing application be migrated to a more cost-effective solution.



“CleanSlate helps to reduce the time it takes developers to launch new services and functionality by 55% by adopting AWS architecture and native tools.”

SOLUTION:

- ◇ Built a modular application with microservices to increase velocity and easily introduce new functionality more often and with faster development time.
- ◇ Automated the development lifecycle to be able to monitor every stage of the process and make a more reliable application at deployment
- ◇ By utilizing AWS and Serverless architecture we were able to reduce the cost of maintaining and application and infrastructure but still scale the environment when necessary.

RESULTS:

CleanSlate completed the construction of the first release of the application in just 12 weeks. The successful implementation led to an expanded rollout plan that included additional features and capabilities.

Following are some of the benefits realized by the client:

- ◇ The well defined and simplified technology footprint allows for improved supportability
- ◇ Operational improvements have been realized including scalability, reliability, reduction in infrastructure (70%)
- ◇ The serverless architecture is a fraction of the cost of the previous legacy platform (approximately \$1000/month)