

AWS Solutions for Software Companies

Build Better Software on the Cloud

Software companies today have access to tremendous technologies and cost-effective computing resources on the cloud. Through the cloud, software enterprises can build modern applications, scale seamlessly with demand, leverage AI/ML, implement serverless infrastructure, and more. However, creating the best possible solution and choosing the right combination of services is hard without in-depth cloud expertise.

In today's competitive digital landscape, software teams can't afford to overspend on IT, operate inefficiently, or pass up new growth opportunities. That's why ClearScale offers cloud consulting services and solutions specifically on the AWS cloud for software companies. We have the experience and know-how to help you differentiate your software products, accelerate innovation, and achieve your most ambitious technical goals to maximize long-term profitability.

Here are three reasons to choose AWS and ClearScale



Increase Availability and Performance

Keep your SaaS products online and scale seamlessly with demand by taking advantage of the cloud's built-in elasticity, redundancy, and availability. Provision resources as needed to support your users, only paying for what you actually consume.

Customer Highlight: Bloomreach

CHALLENGES: Bloomreach wanted to modernize and optimize a cloud environment that it had not updated since 2009. In doing so, Bloomreach hoped to be able to serve customers more effectively and prepare for the next stage in its life cycle.

SOLUTION: ClearScale helped Bloomreach identify areas of improvement across its architecture and implement AWS best practices to take advantage of big data, containers, and auto-scaling. On the infrastructure side, ClearScale fixed single points of failure, right-sizing inconsistencies, and performance issues related to an existing EKS cluster.

BENEFITS: Bloomreach's platform is now more available, agile, and cost-efficient, thanks to the suite of AWS services that ClearScale implemented. Overall, Bloomreach was able to reduce cloud expenditures by 25% and position itself well for the 2020s.



Innovate Rapidly

Bring new software products, updates, and features to market quickly with automated CI/CD pipelines, AI/ML programs, and IoT capabilities. Deploy and maintain compelling user interfaces for all device types that keep users engaged and loyal to your brand.

Customer Highlight: Metapix

CHALLENGES: Metapix needed help developing a unified user interface for its video analytics SaaS product. Metapix envisioned setting up cloud infrastructure that could support its classification and comprehensive search interface while also following AWS and DevOps best practices.

SOLUTION: ClearScale built a UI MVP for Metapix that worked on both desktop and tablet browsers. ClearScale also helped the software firm's in-house engineering team determine specifications for a new REST API that would enable customers to access data in an efficient and secure manner.

BENEFITS: Metapix gained a fully functional UI that clearly demonstrates the value of the company's innovative video analytics platform. Additionally, Metapix now has a reliable, fully tested REST API that customers can use to get data without having to make ad hoc requests of the company's development team.



Boost Security & Reliability


Improve the reliability and security of your applications at peak usage. Offer exceptional frontend experiences at all times, and implement nuanced access controls to keep sensitive information safe from bad actors.




Customer Highlight: RF-SMART

CHALLENGES: RF-SMART wanted to take advantage of serverless architecture to increase the reliability of its suite of advanced software solutions. The company also hoped to reduce its exposure to deployment errors through an automated CI/CD pipeline.

SOLUTION: ClearScale designed a new cloud infrastructure, created an automated CI/CD pipeline, and implemented Amazon DynamoDB to enhance RF-SMART's database layer.

BENEFITS: RF-SMART's platform is more available, reliable, and extendable than ever. The company can also add, modify, and update its infrastructure as needed, thanks to the IaC approach ClearScale took in designing the client's new serverless architecture.

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About ClearScale

Founded in 2011, ClearScale provides cloud-native consulting solutions designed exclusively for AWS. Our engineers, architects, and designers have earned 11 AWS competencies and over 100 technical AWS certifications, demonstrating our expertise and ability to generate tangible results for all types of businesses, including software companies, on the AWS cloud.