



CASE STUDY

Cloud Migration & Modernization for Auto3P

Executive Summary

Auto3P, constrained by an outdated on-prem system architecture and the imperative of ensuring data migration aligned with automotive regulations, partnered with Cloudride. By tapping into AWS's capabilities, Cloudride led a shift to a dynamic, cloud-based setup, reducing interruptions. This critical transition addressed Auto3P's challenges, boosting data security, agility, and compliance, and ushering in a growth era.

The Challenge

- **Global Inefficiency**
Auto3P's existing on-prem architecture led to significant workload burdens and operational inefficiencies, hindering performance across its global network.
- **Data Compliance**
The task of migrating sensitive data to the cloud posed a considerable challenge, especially with the critical need to ensure full FCMSA and DOT compliance during the process.
- **Complex Migration**
Integrating a range of diverse services into the AWS ecosystem required overcoming substantial technical complexities, demanding expert navigation and strategic planning.

Accelerate your digital transformation by migrating and modernizing on the cloud

Amazon Web Services (AWS) has helped thousands of organizations migrate to the cloud and modernize their infrastructure and applications. From lower costs to increased speed, migrating and modernizing with AWS helps businesses reimagine how they work and innovate. These organizations benefit from improvements in productivity, business agility, and operational resilience.



About Auto3P

Auto3P is revolutionizing the auto repair and claim management industry with its cutting-edge technology, offering unparalleled automation and swift resolution services. Trusted by market leaders, Auto3P transforms auto insurance repairs, claims, and fleet management through AI, connected car technology, and comprehensive automation. With the largest OE parts and labor catalog, AI-driven autonomous estimates, and streamlined workflows, Auto3P connects all stakeholders, ensuring operational efficiency, increased revenue, fraud prevention, and superior customer experiences.

Alon Gingold
VP R&D, Auto3P

"In our AWS migration, Cloudride's expertise was invaluable. They enabled us to adopt cloud-native technologies, improving our system's scalability and resilience. This move has significantly optimized our operational efficiency and data security, essential for our continued leadership in the automotive industry."



Uri Maimon

CEO & Co-Founder, Auto3P

"Cloudrise was a huge help in successfully migrating from multiple data-centers located worldwide and into the cloud. Our main gaps - AWS architectural understanding and the migration processes needed to achieve best practices - were narrowed by Cloudrise. All with the required patience needed to allow our team to bridge the knowledge gaps. It was a big project, but the migration process was significantly shortened due to Cloudrise's involvement and we're very grateful for that."



Why Cloudrise?

Choosing Cloudrise for this pivotal project was based on their deep understand of the AWS environment, proven migration strategies, and commitment to compliance and security. Cloudrise's approach, as per AWS best practices, involved a comprehensive assessment of Auto3P's existing infrastructure, followed by a meticulously planned migration that minimized operational disruption. Cloudrise's ability to translate complex cloud concepts into simple action items significantly reduced the migration timeline, allowing Auto3P to quickly benefit from AWS's advanced features. Cloudrise's ongoing support and training ensured that Auto3P's team was well-prepared to manage their new cloud environment, underscoring Cloudrise's role not just as a service provider but as a strategic partner in Auto3P's innovative growth and cloud journey.

The Solution

Cloudrise's solution for Auto3P was a carefully balanced blend of 'Lift & Shift' migration and infrastructure modernization. The initial phase focused on securely transitioning Auto3P's main data center to AWS, with a keen eye on automotive regulatory compliance and minimal disruption to ongoing operations. This involved moving Oracle DBs to Amazon RDS, ensuring operational resiliency, leveraging S3 for scalable and trust-worthy storage, and implementing CloudFront and Route53 for enhanced content delivery and DNS management, respectively. Auto3P's cloud journey, from an on-prem approach into a more cloud-native state of mind by adoption of managed services, marked a significant shift towards a more stable and scalable infrastructure. Cloudrise's strategic planning, combined with their use of automation and CI/CD pipelines, facilitated a smooth transition, laying a strong foundation for Auto3P's future growth and development. This comprehensive approach ensured that Auto3P could immediately start reaping the benefits of cloud computing, with an infrastructure that was not only more secure and cost-effective but also poised for continuous innovation.



Results

The collaboration between Cloudride and Auto3P resulted in a successful global migration to AWS, characterized by minimal code changes and zero downtime. The transition to Amazon RDS streamlined data management processes, freeing up valuable resources for development. This project significantly enhanced Auto3P's scalability, operational efficiency, and ability to innovate, marking a new chapter in their growth story. The successful migration has set a precedent for how strategic cloud adoption can transform business operations, demonstrating the tangible benefits of Cloudride's expertise and approach.

Benefits

The migration to AWS, spearheaded by Cloudride, has delivered substantial benefits for Auto3P. Enhanced scalability and flexibility mean that Auto3P can now quickly adapt to market demands and customer needs without the constraints of their previous infrastructure. Improved security protocols and compliance measures have fortified Auto3P's data protection capabilities. Moreover, the shift has led to significant cost savings, optimizing budget allocation towards innovation rather than maintenance. These benefits collectively support Auto3P's strategic objectives, driving operational excellence and enabling a focus on future growth opportunities.

Danny Lev-Ran

CEO, Cloudride

"Helping Auto3P move to the cloud was a great journey. We focused on making the transition as seamless as possible, ensuring they could leverage the full potential of AWS, and teaching them to use advanced cloud features. It's very rewarding to see the positive impact on their operations and growth."



Next steps

Building on the successful migration, Auto3P is now poised to explore new opportunities enabled by their AWS infrastructure. The focus will be on better data utilization, leveraging cloud-native features to introduce innovative services and expand into new markets. Cloudrise will continue to support Auto3P through advanced training and strategic advice, ensuring that the team remains at the forefront of cloud technology. This ongoing partnership is pivotal as Auto3P seeks to enhance its offerings, maintain competitive advantage, and meet the evolving needs of its customers.

Key Advantages:

- **Scalability Boost**
The move to AWS has significantly improved Auto3P's ability to scale up operations, meeting increased demand without compromising performance.
- **Enhanced Security**
AWS migration has strengthened Auto3P's data security, aligning with the automotive vertical's unique regulatory demands and ensuring customer data is well protected.
- **Cost Efficiency**
Transitioning to the cloud has cut operational costs, allowing Auto3P to allocate more resources towards innovation and development.

About Cloudrise

Cloudrise is an AWS Advanced Tier Services Partner with expertise in cloud migration, AWS Lambda, EC2 for Windows Server, and Education Services Competency. Specializing in security, cost efficiency, and best practices, they offer architecture design, professional services, platform reselling, migration, security solutions, cost optimization, and more. Trusted for smooth transitions to AWS, they address common cloud challenges, ensuring security and agility within budget constraints.



- Public Sector
- Solution Provider
- AWS Lambda Delivery

- Education Services Competency
- Amazon EC2 for Windows Server Delivery