



AWS CLOUD MANAGEMENT CASE STUDY

INDUSTRY: RETAIL & ECOMMERCE

INTRODUCTION

In today's competitive retail landscape, leveraging cloud technology is crucial for businesses to stay ahead. Kalyan Jewellers, a renowned name in the jewellery retail industry, has been an early adopter of cloud solutions to enhance their operational efficiency and customer experience. However, after years of utilizing AWS cloud for various applications, Kalyan Jewellers faced several challenges that required a strategic overhaul. Leapcodes stepped in to provide a comprehensive solution that not only addressed these challenges but also optimized their cloud infrastructure for better performance and cost-efficiency.

ABOUT THE CUSTOMER

Kalyan Jewellers is one of India's largest jewellery retail chains, known for its extensive collection of traditional and contemporary jewellery. With a market capitalisation of over Rs.50,000 crores and having more than 150 showrooms across India as well as the Middle East, Kalyan Jewellers has established itself as a trusted brand offering high-quality products. The company has embraced digital transformation to enhance its customer engagement and streamline its operations by migrating its website, e-commerce applications, CRM, ERP, and other custom business applications to the AWS cloud.

CHALLENGES



+91 8943 415 989
+91 8861 061 626



info@leapcodes.com
www.leapcodes.com



Despite the successful migration to AWS, Kalyan Jewellers encountered several issues:

- **Increased Cloud Spending:** Over time, the cost of maintaining cloud infrastructure escalated significantly. The client team suspected over-provisioning and a lack of optimization strategies.
- **Security Vulnerabilities:** Internal IT audits revealed security vulnerabilities and non-adherence to cloud best practices, posing a risk to the business.
- **Lack of Documentation:** There was no comprehensive documentation on cloud deployments and resource utilization for each application, inherited from the previous vendor.
- **Guidance for Software Vendors:** Software vendors lacked specific guidelines or best practices for seamless cloud deployment and continuous operations.
- **Inadequate Reporting:** The previous vendor did not provide proper monitoring and incident management reports, hindering effective managed services.

SOLUTIONS

Leapcodes undertook a thorough analysis and implemented a series of strategic solutions:

- **Cloud Resource Optimization:** A detailed audit of AWS accounts was conducted, leading to the optimization of resource utilization and the implementation of automation for resource allocation, DevOps, and backups.
- **Restructuring Deployments:** Deployments were restructured and modified based on the AWS Well-Architected Framework and internal audit findings, ensuring a robust and secure cloud architecture.
- **Comprehensive Documentation:** The entire cloud landscape was documented, including frameworks, versions, AWS resources, and architecture diagrams. This provided clarity and a valuable reference for the IT team.
- **Enhanced Monitoring and Incident Management:** 24/7 monitoring and incident management were streamlined with proper metrics and standard SLAs. Detailed monthly reports on cloud consumption, alerts, and incident



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management were provided, including root cause analysis (RCA) and resolutions.

LEAP IMPACT

The strategic interventions by Leapcodes yielded significant benefits for Kalyan Jewellers:

- **Cost Reduction:** A 35% reduction in cloud spending was achieved without compromising on performance and security.
- **Improved Security and Compliance:** The new architecture and security enhancements reduced vulnerabilities, satisfying IT audit requirements and compliance standards.
- **Informed Decision-Making:** Comprehensive documentation empowered the IT team with deeper insights, reducing dependency on external vendors and enabling informed decision-making.
- **Seamless Operations:** Detailed monthly reports facilitated proper updates to various business units and streamlined operations, enhancing overall efficiency.

CONCLUSION

Leapcodes' intervention transformed Kalyan Jewellers' cloud infrastructure, addressing critical challenges and optimizing their AWS environment. The partnership not only resulted in substantial cost savings but also fortified the company's cloud security and operational efficiency. This case study exemplifies Leapcodes' commitment to delivering tailored, high-impact cloud solutions that drive business success.

By leveraging these strategic insights, Kalyan Jewellers is well-positioned to continue its growth trajectory, delivering exceptional value to its customers while maintaining a robust and cost-effective cloud infrastructure.



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