



Case Study

# MODERNIZING DATA MANAGEMENT FOR EAST OCYON BIO PRIVATE LIMITED

## At a Glance

East Ocyon Bio faced challenges in local data management, leading to slow processes and management issues. Partnering with AceCloud, they migrated to AWS (Amazon Web Services), using services like S3, EC2, RDS, CloudWatch, and CloudTrail. The transition streamlined management, enhanced security, optimized costs, and improved operational efficiency, positioning East Ocyon Bio for future growth in the biotech industry.

### Industry

Biotechnology Research

### Headquarter

Faridabad, Haryana

## Outcomes

- Enhanced data security
- Scalable infrastructure to support business growth
- Customer experience went up by 55%
- Optimized costs and reduced monthly cloud cost by 23%
- Increased resource utilization by 22%
- Transitioning to the AWS cloud significantly reduced management complexities, saving over 4104+ hours per year and enhancing operational efficiency.

## The Client

East Ocyon Bio Private Limited, headquartered in Faridabad, Haryana, stands as a pioneering force in the field of cell and gene therapy, with a steadfast commitment to revolutionizing patient care worldwide. Their seasoned team of scientists and clinicians is driven by the pursuit of innovative solutions to address unmet medical needs. Focusing on the potential of natural killer (NK) cells in cancer treatment, their proprietary technology aims to amplify these immune cells' tumor-fighting capabilities, offering a promising approach to combatting cancer.

## The Challenge

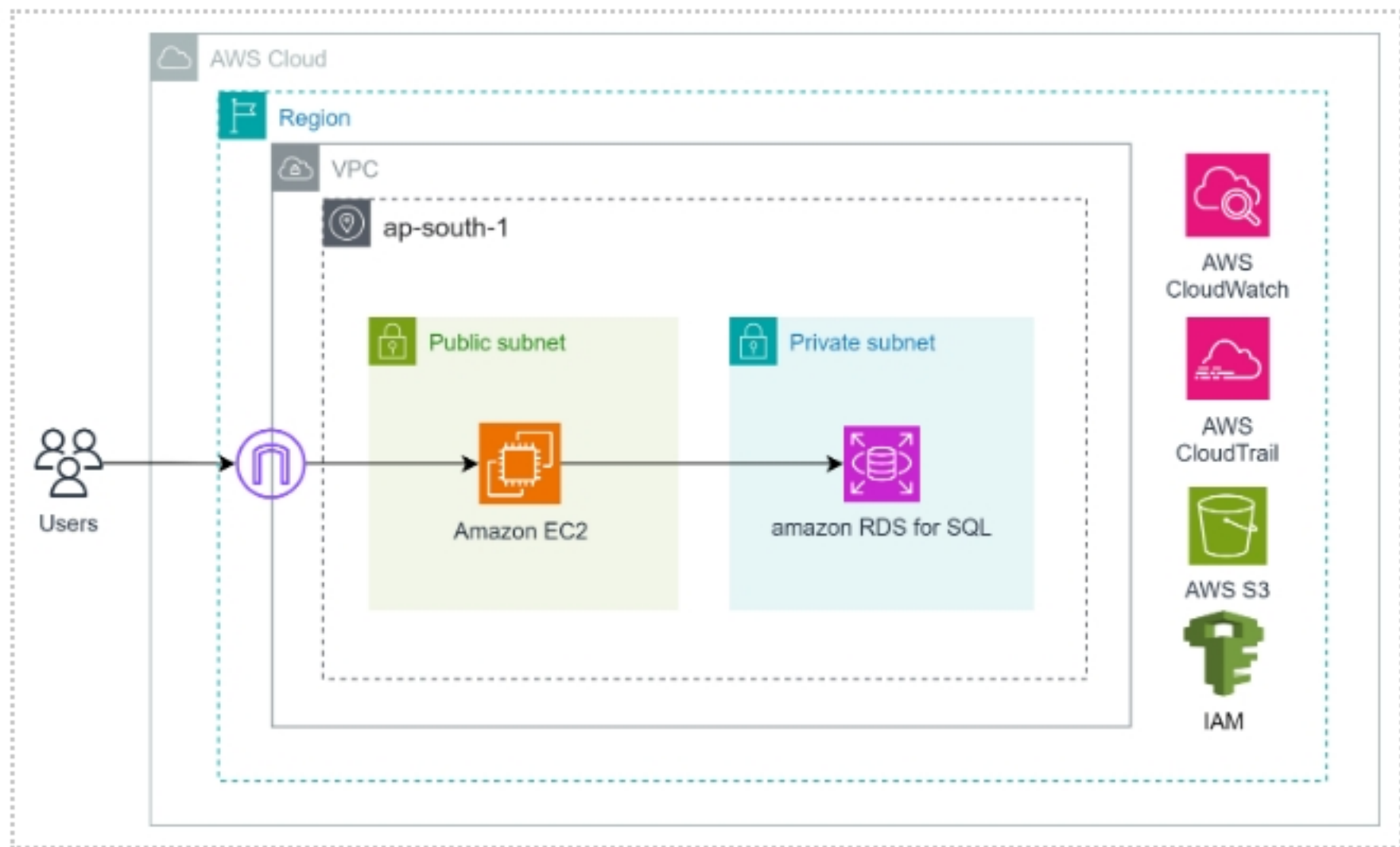
East Ocyon Bio faced significant challenges when it came to managing their data securely and efficiently. The main issue was that they heavily relied on storing their data locally, which caused many problems such as limited scalability, security threats, compliance challenges and more. This setup led to limited processing power and complicated ways of managing the data that hamper productivity and efficiency and making it hard for the company to operate smoothly.

East Ocyon Bio came to understand the essential requirement to transform their data management strategies. They understood that by modernizing their approach, they could overcome these obstacles and ensure smoother operations while safeguarding their sensitive information. This overhaul involved implementing new systems and practices that would streamline processes, enhance security measures, and improve their overall data management capabilities.

## The Solution

In response to these obstacles, East Ocyon Bio partnered with AceCloud, an Advance Consulting and Certified AWS Well Architected Partner. Together, they devised a comprehensive solution to modernize their data management approach by migrating to the AWS cloud. AceCloud facilitated the seamless transition by deploying a range of AWS services tailored to meet East Ocyon Bio's specific requirements, including Amazon S3 for scalable storage, Amazon EC2 for flexible computing power, AWS RDS for managed relational databases, and AWS CloudWatch and CloudTrail for monitoring and logging.

## Architectural Diagram



## Results and Benefits

- Streamlined Management:** Transitioning to the AWS cloud, East Ocyon Bio experienced a substantial reduction in management complexities, saving 4104+ hours per year. Tasks like provisioning resources, monitoring performance, and ensuring security became more streamlined and manageable, contributing to improved operational efficiency. Additionally, customer experience went up by 55%.
- Enhanced Security:** AceCloud's implementation of AWS services such as CloudTrail enabled East Ocyon Bio to bolster their data security measures. With improved visibility and control over their infrastructure, they mitigated potential security threats effectively.

- **Scalability and Flexibility:** Leveraging AWS EC2 and RDS, East Ocyon Bio gained the ability to scale their computing resources on-demand, ensuring optimal performance even during peak workloads. This newfound flexibility allowed them to adapt quickly to changing business needs.
- **Cost Optimization:** AceCloud's expertise in AWS resource management played a pivotal role in helping East Ocyon Bio optimize their cloud spending. Through the adoption of cost-effective solutions and the implementation of efficient resource allocation strategies, the company achieved remarkable cost savings, reducing their overall expenditure by an impressive 23% while maximizing performance and ROI.
- **Boosting Efficiency:** Migrating to the AWS cloud led to a 22% increase in resource utilization for East Ocyon Bio, optimizing infrastructure and significantly improving operational efficiency, with tasks completing in minutes instead of hours or days, enhancing overall productivity.



We would like to express our gratitude for the excellent support provided by the team, whose assistance was incredible from the beginning of the project until final deployment. You have executed the job exactly as it was meant to be done, and we are fully satisfied with your work and customer outreach. Thank you and best wishes from Team



**East Ocyon Bio Private Limited**

## AWS Services Used

- Amazon S3 (Simple Storage Service)
- AWS CloudWatch
- Amazon EC2 (Elastic Compute Cloud)
- AWS CloudTrail
- Amazon RDS (Relational Database Service)



**Amazon S3**



**Amazon CloudWatch**



**Amazon EC2**



**Amazon CloudTrail**



**Amazon RDS**

## About Us



Years of Exp

**15+**



Data Center

**10+**



Awards

**100+**

AceCloud is a leading provider of end-to-end cloud computing solutions to global organizations across industries at scale. It offers a full spectrum of cloud services, including Public Cloud, Application Hosting, AWS Services, Managed Security Services, and Hosted Virtual Desktop Solutions.

AceCloud is a brand of [Real Time Data Services](#) (RTDS) group of companies - a leading provider of information technology capabilities specializing in Cloud Computing and Cloud Telephony. RTDS Group has an employee base of 600+ across India, the US, and the UK, supporting over 20,000+ customers and IT infrastructure in 10+ data centers spanning the globe. It offers industry-leading technological solutions that help customers streamline their operations and enhance efficiency.

As an advanced consulting and certified AWS Well-Architected Partner, AceCloud recently achieved the prestigious AWS Storage Competency and is also recognized as an Amazon RDS Service Delivery Partner. These achievements underscore its deep expertise in AWS technologies and commitment to delivering high-quality cloud solutions.



- Public Sector
- Amazon RDS Delivery
- Storage Services Competency
- Well-Architected Partner Program



## Contact Us

Are you ready to cut down your cloud spending? Contact AceCloud Experts today to get a customized quote.



[awspartner@acecloud.ai](mailto:awspartner@acecloud.ai)



<https://acecloud.ai/aws/>

## Our Location

2069 Oneill Dr, Bethel  
Park, Pennsylvania,  
15102-6602

2637 E Atlantic Blvd  
#23519 Pompano Beach,  
FL 33062, Florida

Ace Tower, 809-A, Udyog  
Vihar, Phase 5, Gurugram  
122016, Haryana, India