

Modernization for Scalability, Cost Efficiency, and Cloud Excellence



60% cloud cost reduction achieved



Monolith transformed into microservices architecture



GCP workloads migrated to AWS



Enhanced scalability reliability with observability

Client Description

The client is a UK-based technology company specializing in rugged smartphones and connected devices designed for extreme environments.

Business Challenges



Scalability limitations due to monolithic architecture restricting flexibility and growth.



High operational cloud costs caused by inefficient resource utilization.



Technology obsolescence with legacy systems lacking cloud-native capabilities.

Solution



Refactored legacy monolithic application into 12 independent microservices to improve scalability and modularity.



Replatformed workloads to Amazon EKS (Kubernetes on AWS) for better orchestration and resilience.



Migrated infrastructure from Google Cloud Platform (GCP) to AWS to improve integration and scalability.



Decommissioned the client's legacy applications to reduce maintenance overhead.



Implemented observability using AWS X-Ray, Prometheus, and Grafana for monitoring and performance insights.

Outcomes

- 60% reduction in cloud infrastructure costs
- Improved scalability and reliability of applications
- Enhanced monitoring and operational visibility
- Reduced maintenance overhead
- Faster deployment and improved agility

Tools and Technologies

- Cloud Platforms: AWS, VMware
- Databases: MS SQL, DB2, Oracle
- DevOps & Version Control: GitHub, Bitbucket
- Frameworks: .NET Framework, PowerBuilder, Oracle Forms and Reports
- Automation & Scripting: PowerShell, Python
- Monitoring & Observability: AWS X-Ray, Prometheus, Grafana

Reduce Cloud Costs. Improve Scalability. Modernize Faster.
Start Your Cloud Modernization Journey.

Reach out to marketing@innominds.com

