

CASE STUDY

ORACLE EBS, OTM and SOA Lift and Shift Success Story

Summary

Assore embarked on a five-year digital transformation strategy two years ago that included a cloud-first principle. The lift and shift migration from their on-premises end-of-life hardware to Oracle Cloud infrastructure was instrumental in achieving one of the short-term objectives.

Business challenges

The on-premises hardware reached end of life and replacement was required. Assore already started their Oracle cloud journey by developing a series of APEX applications in the cloud. These applications used database links to create materialised views in the cloud databases. This architecture worked very well, but the latency between the cloud databases and the on-premises databases made the materialised view maintenance challenging at times.

“We have been using Oracle EBS as one of our business-critical systems and the Oracle technology forms part of our current as well as future strategy. Although we adopted a cloud-first principle, we realise that certain applications will remain on-premises and we will have to invest in simplifying and securing them due to numerous vulnerabilities introduced with end-of-life applications. Oracle is one of our cloud providers being used where we can consume different technology services according to our business needs on a consumption basis with the associated financial benefits.”

Customer comment

WHY ASSORE CHOSE ORACLE

The success of the APEX POC and subsequent production deployment of the APEX applications demonstrated the advantages of making use of Oracle cloud. The inherent security of the Oracle cloud as well as services such as the load balancers also enabled Assore to improve the disaster recovery architecture and allowed Assore to use SSL termination which was a concern for a while.

Results

The lift and shift provided peace of mind as the risk of unsupported end-of-life equipment had been dealt with. The application performance and user experience improved because the new OCI VM's are more advanced and optimised. The integration with our other systems in the cloud became more efficient and all the maintenance issues experienced with the materialised views are no longer a problem.

The application security improved as our applications are now protected by SSL connections. The integration using REST services with OAuth security has also been a step forward in our quest for an efficient and secure environment.

We were also able to complete our bi-annual disaster recover test successfully within two weeks of completing the lift and shift. We were so confident in the OCI environment that we completed the disaster recovery test during the company financial year end period.

OCI provides an extended set of software infrastructure-defined capabilities with a seamless integration across the Oracle stack.

The migration unlocked several IT options that were previously unavailable to us, we are now able to experiment with different configurations and progressively move toward a continuous integration continuous deployment environment [CICD].