



Let's Solve

Case Study

Transformation to Cloud



A Larsen & Toubro
Group Company

Client

Leading construction and mining major with 1,200+ users across 12 countries. Client had the need for improved performance and refreshed hardware, therefore Cloud Transformation Project is initiated to move their On-premise Oracle Technology stack to Oracle Public Cloud.

Challenges

- Rightsizing instances to optimize cost of services
- Right migration strategy to minimize business impact and cloud-friendly architecture
- No contingency plan (DR) in place to prevent user disruption in event of outage
- Finding a seamless cloud-based solution that could handle large databases of different versions
- Database consolidation, migration and upgrade from Non Exadata to Exadata
- Improved application performance
- SOA migration and upgrade from on-premise to Oracle cloud OPCV1
- Replicating on-premise access for both internal and internet users.

LTI Solution

- Performed rightsizing, and developed architecture for cloud migration
- Developed migration and cutover strategy to help smooth transition
- Helped customers perform rightsizing, and developed architecture roadmap for Cloud Migration.
- Remote site testing to ensure consistent performance throughput from Low Bandwidth-High Latency sites
- Consolidated integrations using 'Web Service' along with Fusion Middleware
- Performance tuning and code optimization using Tools and Accelerators
- Used data migration tool to reduce cutover downtime and keep data in sync with on-premise
- Upgraded and migrated SOA platform from 11g to 12c

Business Benefits Delivered

- Improvement for JDE batch processing by 30-50%
- Increased SOA uptime to 99 % with high availability implementation
- Improved business processing, up to 3 times faster
- Increased virtual footprint and reduced physical, thereby reducing administrative overheads
- Future-ready platform with improved user experience and lower TCO

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