Industry Leader migrates OBIEE to Oracle Analytics Cloud (OAC) to modernize Analytics capabilities at a reduced TCO

Overview

A leading Enterprise's Data analytics platform, OBIEE, required an upgrade to maintain Extended support from Oracle.

Instead of an upgrade, Tangenz recommended and implemented a migration from OBIEE to Oracle Analytics Cloud (OAC), enabling all current reports and dashboards to work as-is in OAC. The Enterprise also gained modern innovative capabilities like Machine Learning, Data visualization, Natural-language Query, Native mobile Analytics, and Elastic Infrastructure scalability while eliminating the need for any future upgrades.

Enterprise-wide analytics platform with an extensive catalog of Reports, Dashboards, needed upgrade for continuing support, lacked modern analytics features.

The client had adopted OBIEE as the Enterprise-wide Analytics solution along with a growing catalog of Subject areas, Reports, and Dashboards were created over the years to meet analytics needs across the company. However, the current version of OBIEE had run out of Extended support from Oracle, and the Client needed to upgrade to the latest version of OBIEE.

In addition to the technical upgrade that preserved their existing Reports and Dashboards, the client was looking for enhanced Analytics functionalities such as Machine learning, AI, and modern Data visualizations. The client also didn't want their existing investment in OBIEE licenses to be wasted.

The client needed a solution provider that possessed deep expertise to analyze the current OBIEE solution and recommend a solution that met both current and future needs. Client required the provider to have a successful track record of implementing, upgrading and migrating Analytics solution from On-prem to Cloud while preserving existing catalog and security.

Veterans of Large Projects, Past Experience, and Custom Solutions

Since its inception over 13 years ago, Tangenz has been at the forefront of delivering solutions based on Oracle's wide variety of products including Enterprise Resource Planning (ERP), Human Capital Management (HCM), Enterprise Performance Management (EPM) and Business Intelligence (BI) across Cloud and On-premises.

After a careful evaluation of competitive bids from several vendors, Tangenz was chosen due to its track record of providing innovative solutions, successfully delivering large projects, technology expertise and a hybrid, cost-effective delivery model of Onshore and Offshore experts.

Next Generation Modern Analytics Platform

Tangenz recommended and implemented a complete end-to-end migration of OBIEE to Oracle Analytics Cloud (OAC) which included migrating existing Subject Areas, Reports, Dashboards and Security and leveraging current OBIEE licenses for OAC Subscription.

Tangenz commenced the implementation by standing up the OAC dev environment, performing RPD upgrade, migrating Subject areas, reports and dashboards and testing thousands of existing OBIEE reports and comparing with similar OAC reports to ensure they worked as-is without any issues. After completing verification in OAC Dev environment, solution was migrated to UAT environment for UAT and then finally to OAC Production environment.

Solution Highlights:

✓ Created 3 OAC Environments (Dev, UAT and Prod) within Virtual Cloud Network (VCN) with private IP address. Total 22 OCPUs
✓ Upgraded existing OBIEE 11g RPD to OAC
✓ Created secure connection between OAC and On-prem DWH and EBS Database using Private access channel. This eliminated need for RDG
✓ Implemented Security within OAC by integrating with On-prem OID/OVD
✓ Setup SSO for OAC by integrating IDCS with On-prem OAM
✓ Automate user sync process between On-prem OID and IDCS using provisioning bridge
✓ Tested 3,000+ migrated reports in OAC Dev environment with Original OBIEE reports
✓ Setup Oracle SMTP Servers to deliver over 10MB report via email from OAC to end users
✓ Configured public SFTP to deliver reports from OAC to external customers

➤ Results

By Migrating to OAC, our client is poised to achieve positive ROI and reduced TCO. In addition, the client is set up to gain the following from the migration:

- Innovative new features such as ML, Artificial Intelligence & Natural Language Understanding
- Enhanced Self-service, Ad-hoc analysis with modern-looking Data Visualizations
- Out-of-the-box Mobile capabilities for secure access to Analytics on the go
- Capability to elastically scale OAC environment up or down based on seasonality and need

About Tangenz

Tangenz is a leading Oracle Preferred Partner and Technology consulting firm providing Implementations, Upgrades, and Application Managed Support services for Oracle ERP, HCM, EPM, Analytics, and IAM applications across Cloud and On-premises. Tangenz serves enterprise clients with a unique onsite and off-shore hybrid delivery model that delivers quality solutions at an optimal price performance. At Tangenz, we are relentless in our pursuit to help you succeed and exceed your expectations.