

Migration Summary

Apps Associates architected the client platform on Oracle Cloud Infrastructure, prepared a detailed design including Oracle cloud network and infrastructure resources, and a multi-compartment strategy for PROD, Non-PROD and networking workloads.

Three iterations of migration were executed including two non-production and one production. Each iteration was comprised of Agile PLM, AIA/PIP Integrations, E-Business Suite, Oracle Business Intelligence Enterprise Edition, and Hyperion Financial Management applications/integrations and Single Sign-on.

For the heavy lifting of the migration, Apps Associates leveraged our go-to server migration tool, RackWare. Due to networking related changes some services needed to be re-configured/re-installed/cloned. During cutover, only applications and database backups were transferred to OCI servers using standard operating system tools to save time.

Aggressive timelines and challenges during the first iteration necessitated creative solutions from the project team with UAT being released in phases by application. Testing was performed as part of each iteration and business functions were tested and validated per pre-existing test cases.

Challenges

Network bandwidth was a limiting factor for the first iteration resulting in challenges for initial data copy from on-premises systems to OCI. It was later mitigated by the internet service provider in time for subsequent iterations.

Agile PLM, AIA/PIP Integrations, OBIEE, and Hyperion HFM migrations had two main challenges of:

- limited support from vendors
- gaps in documentation for customizations

Both of these resulted in the migration hitting unpublished bugs and missing setups.

International Traffic in Arms Regulations (ITAR) requirements were identified during the project and were mitigated with additional staffing to comply with the regulation.

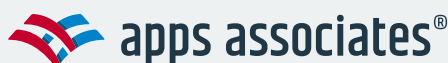
The migration required significant resources to assist with planning, migration, and testing across all environments.

Benefits After Migration to OCI

- Modernized infrastructure, improved cloning time, and performance improvements.
- Advantages with Cloud agility and increased server capacity (vertical/horizontal) as per the requirement.
- Environment Provisioning is faster using Infrastructure as a code.
- Future readiness for business growth.
- Better price for performance.

About Apps Associates

Apps Associates is a premier enterprise applications and technology advisor, counseling and executing across every stage of the enterprise transformation journey - not just the destination. For more than two decades, Apps Associates has closely collaborated with decision makers across nearly every industry, offering end-to-end integration, modernization, and cloud migration services. By helping to break down the silos within today's most complex business challenges, Apps Associates is unlocking solutions and efficiencies that scale into future opportunities.



Our Strategic Partners



ORACLE | Partner

