

Office Depot Accelerates Business to Cloud Speed

BIAS CUSTOMER CASE STUDY

OPPORTUNITY

Office Depot wanted to modernize and simplify their IT infrastructure, reduce operational costs, and enhance the performance of their Oracle E-Business Suite (EBS) Financial, Supply Chain and Human Capital Management systems:

- Business application systems hosted on aging Solaris infrastructure that was reaching end-of-life
- Poor system performance, both online and batch processing
- Long lead times to provision/clone instances
- Sub-optimal disaster recovery process
- Needed to migrate and integrate existing on-prem applications with no degradation in performance
- Rapidly growing EBS database with high transaction volumes (55TB)

OUR APPROACH

BIAS provided a robust solution for a cross-platform migration to Oracle Cloud Infrastructure (OCI) with minimal downtime:

- Implemented a PCI and SOC 2 Security compliant architecture utilizing **BIAS's Digital Platform toolkit**
- **Automated Cloud server provisioning** using open source software (Terraform, Ansible, etc.)
- Utilized transportable tablespace (XTTS) to migrate **55TB** of production data from Solaris to Linux on ExaCS
- Migrated, retrofitted and tested over **7,500** Oracle EBS CEMLIIs
- Upgraded and migrated OID/OAM to OCI
- Integrated on-premise Active Directory for user authentication of over 28,000 internal and external users
- Implemented data encryption at-rest and in-transit to protect sensitive information
- Conducted 4 mock production cut-overs to ensure successful migration
- Automated system maintenance and monitoring through Oracle Management Cloud (OMC)
- Delivered a complete and automated Disaster Recovery environment for all technology stacks
- Completed the production migration over a weekend to meet the downtime for cutover and/or fallback duration requirement

RESULTS

Office Depot reduced CAPEX costs and increased overall system stability and performance:

- Reduced User Interface response times to less than **5 seconds**, a **100% increase**
- Increased OLTP & batch concurrent program performance by **200 - 1000%**
- Improved database availability to **99.99%**
- Created ability to scale CPUs and other system resources on-demand during peak processing
- Improved Lifecycle Management by improving support, scalability and patching
- Future-proofed IT infrastructure by eliminating the need for future hardware refreshes

“**In one of those rare moments in IT, the marketing hype in the sales cycle was met with actual, realized benefits. Few partners can deliver on that promise. Oracle and BIAS certainly did.**”

Damon Venger, Sr. Director, IT Office Depot & CompuCom Central Systems