

NOTABLE HEALTH AGENCY CONVERGES WORKLOADS FOR OPTIMIZED ETL, HR, AND WAREHOUSING

Infolob realizes this by employing Oracle Exadata to consolidate the client's third-party data warehouse on IBM/AIX - alongside HR and payroll. Initially, the aim was limited to faster ETL and later upgraded into the fastest HR, and a single source of truth.



Abstract

Oracle Exadata stands for never-before database/app performance, workload consolidation, and innovation. And Infolob takes this opportunity to equip the healthcare provider with everything they required to sustain the change in the healthcare paradigm, people's spending and their approach to wellness, and the use of autonomous technologies for automating the mundane. Result? At least a twenty-times faster warehousing!

I NFOLOB

For more information, contact: info@infolob.com

Follow us: [in](#) [twitter](#)

Business Concerns

Data transformation and reporting output demanded more power than what the facility's currently dedicated infrastructure could generate. Although the client was using Exadata already (enough to take on any size/type of workload), it was exclusively designated for their HR and payroll applications.

The client, therefore, was concerned that adding the warehousing database to their Exadata might hinder the performance of the other two systems if they plan for an organization-wide consolidation.

Infolob's Intervention

Infolob's deep knowledge and extensive experience in Exadata platform and Oracle databases enabled us to assist the leading healthcare provider in consolidating workloads on their Exadata. We configured their third-party data warehouse properly for Exadata, along with moving 10 TB of data to the new database.

Our experts started with performing a disk IO evaluation to document the requirements of the three systems (HR, payroll, and data warehouse). And, using this output, we formulated both database and IO resource plans on the Exadata.

Business Outcomes

After Infolob's Exadata adoption/management experts merged the client's third-party data warehouse to the healthcare provider's Exadata - they recorded zero negative impact on performance for HR or payroll. Instead, the performance of the existing warehousing solution in extracting, transforming, and loading processes was hiked by approximately three times.

The reporting performance of the concerned warehousing solution was also up to twenty-times faster than the incumbent system. However, due to Infolob's top-notch configuration of the workloads on Exadata, there was no significant decrease in downtime for the provider.

