



Case Study

Scaling Data Operations Through Platform Modernization

Client Overview

Comviva planned to upgrade the ETL platform from Jaspersoft Talend 7.3 to Qlik Talend 8 for one of its clients, while also moving database workloads from Oracle to PostgreSQL. The objective was to modernize the platform without disrupting ongoing business data processes.

The Challenge?



End of Support from Jaspersoft Talend from Jan 2026



Managing and reviewing 315 ETL jobs with varying complexity



Ensuring database logic worked correctly in the new PostgreSQL environment



Handling large data volumes while maintaining performance stability



Implementing Talend 8 in the environment for the first time

Solution Delivered



Assessed and categorized all jobs (unique, duplicate, ignored, empty)



Migrated 315 active jobs to Talend 8



Converted Oracle-specific SQL logic to PostgreSQL-compatible SQL ensuring functional equivalence



Improved performance through query tuning and database indexing



Simplified job design by removing unnecessary components



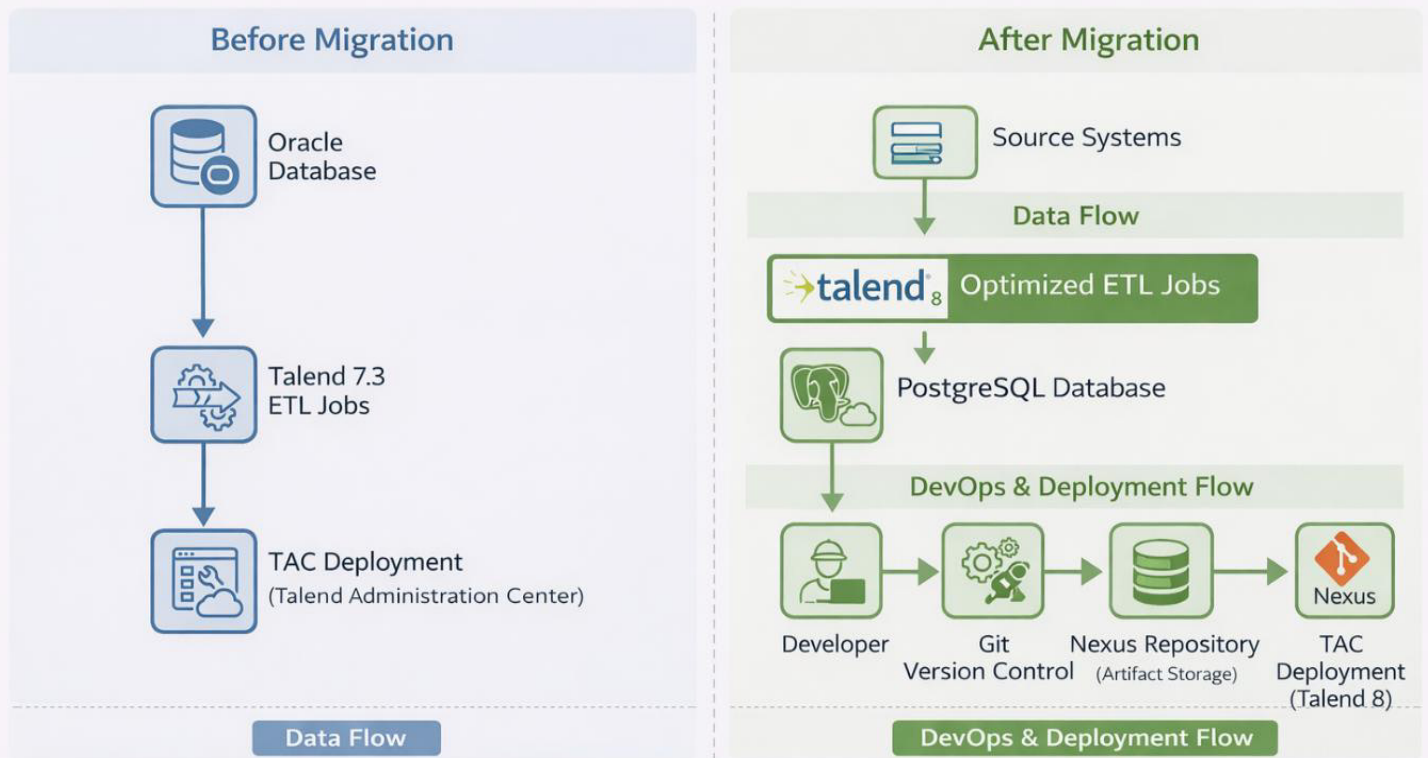
Deployed all jobs through Git and Talend Administration Center (TAC)



Created detailed documentation for future reference and maintenance

The Architecture

High-Level Architecture – Talend 7.3 to Talend 8 Migration



The Impact

Successful migration of all in-scope jobs to Talend 8

100% of in-scope migrated jobs executed successfully from TAC post-validation

30–40% performance improvement observed in high-volume jobs after SQL optimization and indexing

315 unique jobs migrated, following structured classification and scope validation

Clear identification and documentation of infrastructure-related constraints to support future planning

Delivery of a scalable and maintainable Talend 8 ETL framework

Outcome

The Jaspersoft Talend 7.3 to Qlik Talend 8 migration for a client of Comviva demonstrates a successful large-scale ETL modernization initiative delivered with strong ownership, technical rigor, and close client collaboration. The outcomes provide a reusable reference model for future Talend 8 migration initiatives.

Client Feedback

We had a very positive experience working with the Exponentia.ai team. The team demonstrated strong technical expertise, a structured approach, and a clear understanding of the migration requirements. Their proactive communication, flexibility, and commitment helped ensure a smooth transition with minimal disruption to ongoing business operations.

Ashish Sharma

Senior Technical Manager, Comviva



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