Modernization of ETL and Data warehouse to gain competitive advantage

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Robust Talend Metadata framework catering to the business challenges

About Customer

- Leading global provider of software and data analytics to the real estate industry
- Serves more than 12,200 clients across the globe

Business Challenges / Drivers

- Need high performance, fault tolerant ETL processing system with near real time reporting
- Delayed data deliveries due to increased complex data processing transformations.
- Proactive monitoring & alerting
- Maintenance of 33 SQL Server instances, Windows servers

Approach / Deliverables

- Developed Talend Metadata Framework, a metadata-driven ETL processing system supports multiple databases including Snowflake
- Developed multi-tenant Snowflake data store to store data for 1600 property management companies
- Developed Snowflake stored procedures to do ETL transformations at storage layer
- Highly resilient Operational Framework connected with Interactive Operational Dashboards

Outcomes / Benefits

- Unified data analytics across clients
- Optimize storage costs
- Data sharing
- Potential elimination of data extracts
- New revenue opportunities with "insights" leveraging AI/ML
- Enables faster analytics for future business needs and opportunities
- Operational resilience

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