

Providing Water and Sewer Services in
in major metropolitan area

UTILITY INDUSTRY

CASE STUDY

Modernized Data Warehouse for a Water Utility Company

TECHNOLOGIES

SQL Server Database, SQL Server Integration
Services, .NET, Power BI

CLIENT CHALLENGE

Water utility in major metropolitan area used 6 disparate HR applications to support a variety of operational business functions in the areas of financial, human capital and supply chain management. Client set in motion a plan to transform their business operations by consolidating all HR systems into Oracle Cloud Human Capital management (HCM) for all ongoing application support and retire all legacy HR applications.

Client decided not to migrate all the historical data to the new Oracle ERP System but only the minimum data required as per the company or legal compliance, storing remaining historical data and new HR data in an Enterprise Data Warehouse (EDW). Client also required a suite of standard business reports and ad-hoc reporting capabilities.

ABOUT VIGILANT

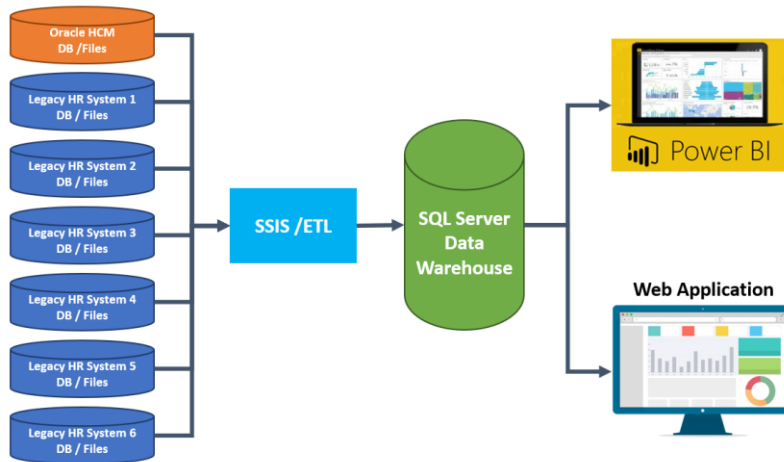
We are a global technology consulting and digital transformation company, delivering premium advisory, professional, and managed services to enterprises. We also help companies leverage cloud, automation, analytics, and other technologies to transform their businesses.

Vigilant
TECHNOLOGIES

BENEFITS ACHIEVED

Client operational benefits include efficient and effective reporting, faster employee response times, higher employee satisfaction, and improved morale. Client financial benefits are estimated at \$8 million per year.

ARCHITECTURE



APPROACH

- Install, configure, and performance balance the necessary software that is required, including SQL Server Database, .NET, Power BI and all its related components.
- Business Analysts to analyze the HCM legacy systems to understand the data points and provide the data mapping information to Vigilant's technical team.
- SSIS team to perform data mappings, ETL setups, packages, encryption configurations, etc.
- Complete a one-time full data load to establish the data foundation.
- Assess the volume of data and determine if an incremental or full load is required for periodic updates of data.
- Wireframe and mockup User Interface screens to be confirmed by the business for development, including Employee Self-Service screens as well as the Administrators screens.
- Business Analysts to work with the business to catalogue and determine the required static reports to be developed in both Excel or PDF and including Pay Statements, W-2, Timesheets, and 100 more reports.
- Complete two test cycles with client, including two iterations of testing in Integration (SIT) and User Acceptance Testing (UAT).
- Provide training to the end-users/IT-users, including the creation of the supporting training manuals.
- Provide post go-live support for 2 months.
- Estimated timelines 8 to 10 months to complete.

CONTACT US

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