CLIENT SUCCESS STORY

Improving existing QlikView infrastructure and applications and migrating them to Qlik Sense environment

INTRODUCTION

The client team have been using QlikView applications for more than a year. About 20 reports were originally developed and published. They were used by Finance, Sales and Products teams regularly, some of them on daily basis.

The goal for this project was to improve the existing set of reports, to expand the functionality by adding new features and data sets.

One of the main tasks was to migrate existing reports to Qlik Sense platform to expand the clients' base and to add more functional and UI features.

They needed to have new functionality (like GeoAnalytics) added to applications and they needed to expand reports to include information from other company's data sources (Salesforce).

This client success story explains how issues were surfaced, quantified to support the follow-on redesign and development of their enterprise data architecture.

COMPANY HIGHLIGHTS

Region

Canada/USA

Sector

Manufacturing

Division

Business Intelligence and Analytics

Solutions Technologies:

Qlik Sense

HIGHLIGHTS

- Identifying areas for improvement using Qlik development

- Full set migration of QlikView apps to Qlik Sense environment

- Enhancements to current reports and apps to improve user experience and analytics

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CHALLENGE

During the initial system's health check, it was determined that several things could be improved in Qlik environments: existing reports were not using multi-tier architecture, most of the code was not following development best practices and standards. All of that was causing performance issues and created problems for cross-platform support.

The main challenge for this project was to resolve these issues and to make sure the code, configuration files, data files on both Qlik platforms were reusable.

Additional project challenges were caused by limited development resources on the client side: most of the development, configurational and training tasks were performed by just one person on client's side.

Other client divisions were investigating other BI platforms for their needs.

STAKEHOLDERS

The project was initiated and approved by the Information Systems manager. immediate business as usual support was provided by their Business Intelligence Manager.

RESULT

All existing reports have been updated and set on Production on both QlikView and Qlik Sense environments.

The data validation exercise confirmed that their new infrastructure should meet their long-term needs in building an enterprise Business Intelligence platform.
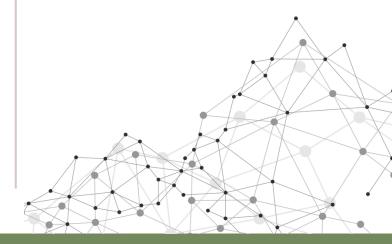
SOLUTIONS

All existing Qlik applications were re-designed to use multi-tier architecture. The ETL process was migrated to Qlik Sense platform data output was shared between Qlik environments. All applications were updated to use shared code, master items and configuration parameters.

All existing QlikView reports were migrated to Qlik Sense platform. All necessary changes to handle new users, applications and extensions were added to Qlik Sense environment.

Reports were updated with new Fiscal Calendar generation, Currency conversion and Forecast values calculation. It was included to eliminate existing manual processes. New UI features (flexible reports and GeoAnalytics reports) and a new process to extract and integrate Salesforce data were added also. Environment's improvements like Backups (for Configuration data, shared code, and Repository) and new folders' structure were added.

User guides and documentation files were created. They were designed to explain all changes in the environment, development process and the code.

ABOUT PERAISON

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