Case Study: Spotfire to Power BI Migration

How we turned customer pain points into plus points

Domain - Oil & Gas

Our client is a global oil exploration & production company and holds a position within the Fortune 500 and Forbes Global 2000 rankings.
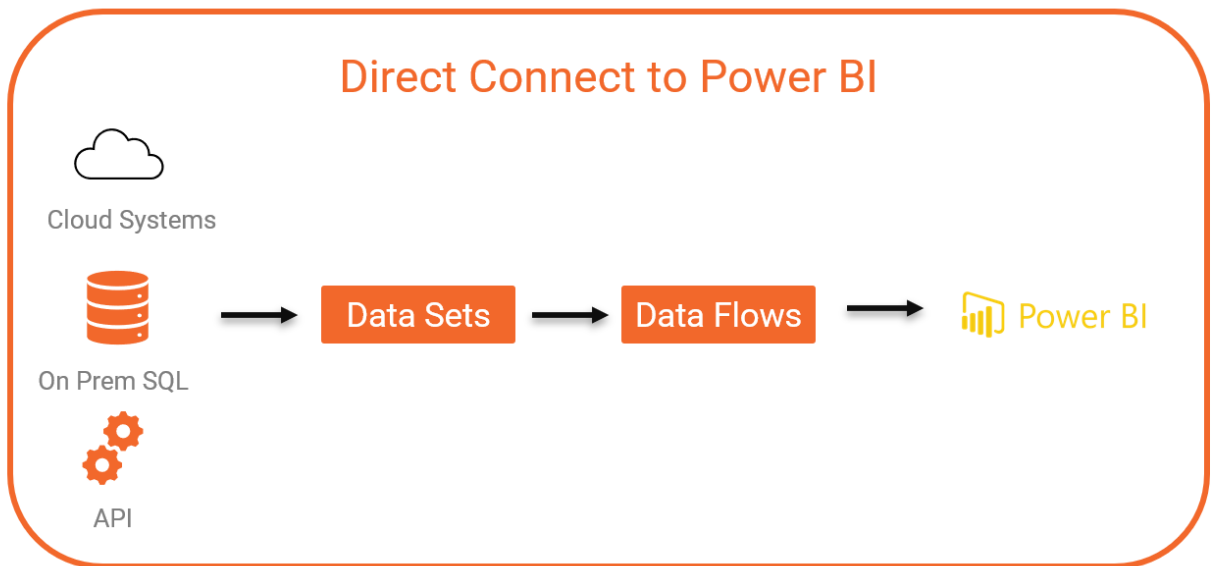
The Business Challenges

The Problem Statement

- Performance issues: Our client encountered significant performance challenges in Spotfire when dealing with larger datasets. 'Out of Memory' errors became frequent.
- Dataset Optimization: The existing dataset definitions in Spotfire were not optimized for efficiency and reusability.
- User Experience: Extended loading times in Spotfire negatively impacted the user experience causing frustration and delays in accessing critical.
- Learning and Adoption: Resistance to change and unfamiliarity with the new tool posed potential obstacles.

The Business Solution

- Assessment & Planning: We performed a comprehensive assessment of existing Spotfire environment. This included identifying all reports, dashboards, data sources, and customizations.
- Data Migration: Data Source were mapped and migrated to Power-BI compatible formats.
- Report and Dashboard Migration: Each Spotfire report and dashboard was analyzed to determine whether it should be recreated in Power BI
- User Experience Improvement: Migration to Power BI decreased the total loading time resulting in better user experience.
- User Training & Adoption: A robust training program was developed to familiarize users with the Power BI interface.

Architecture

Direct Connect to Power BI

Cloud Systems

On Prem SQL → Data Sets → Data Flows → Power BI

API

Key Results

- Better Performance: Power BI eliminated 'Out of Memory' errors, enabling seamless handling of larger datasets.
- Latest Technology Support: Power BI's flexibility supported the adoption of cutting-edge technologies for data analysis.
- Comprehensive Analytics: The client now has robust tools for performance, costing, and software analysis.
- Efficient Data Updates: Power BI's incremental data loading reduced processing times for updates.
- Cost Savings: Lower TCO (Total cost of ownership) & Increased Scalability

Reach Out

Point of Contact	Email
Roopali Goel	marketing@bizmetric.com