GLOBAL MINING COMPANY IMPLEMENTS MICROSOFT POWER BI

CONVERTS CLOUDIO REPORTS TO POWER BI USING AZURE DATA FACTORY

CUSTOMER PROFILE

HQ
Macon, GA

INDUSTRY
Mining

EMPLOYEES
367

ITC SERVICES
- Data Analytics

APPLICATION & TECHNOLOGIES
- Oracle E-Business Suite
- Power BI
- Azure Data Factory

INTRODUCTION

The client is a recognized leader in performance mineral solutions in a broad spectrum of end use markets including: building and construction, automotive and catalyst, agriculture, health and beauty, packaging, and specialty and graphic paper.

CHALLENGES

The client was running Oracle E-Business Suite with CloudIO for their reporting needs. They wanted to add more advanced data visualization capabilities to their current real-time reports and extend their current solution to include DW reports and therefore selected Power BI as a new visualization tool and Azure Data Factory + Azure SQL DB for ETL data loads and data warehouse.

SOLUTION

IT Convergence converted the existing CloudIO reports to Power BI Direct Query reports by building a connection from Oracle EBS using Power BI Gateway. We also built a data warehouse using Azure SQL DB and the ETL using Azure Data Factory. We designed an ETL process and data warehouse to load information from Oracle EBS. There were some challenges due to the complexity of Oracle EBS tables, but we were able to overcome them using implementation best practices.

RESULTS

- All the CloudIO reports were successfully converted to Power BI
- Faster real-time reporting with more advanced data visualization
- Better collaboration through easy sharing of reports
- Modern, intuitive and user-friendly interface
- Data integration capability with sources other than Oracle EBS
- Easier maintenance of reports reduced the burden on IT staff

ITC ADVANTAGE

- **Our global pool of technical and functional experts with a flexible deployment model**
- **Deep expertise in Oracle EBS, Power BI and Azure Data Factory**

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