



**DWH Revamp and
Data Quality & Governance**

Case study

Client 

KEY BUSINESS IMPERATIVE

Full Revamp for Data Warehouse including Modelling, Migration to INFORMATICA Advanced Edition and building Metadata Management and Data Quality Implementation and enablement across the company

IT INITIATIVE

Full DWH Revamp

The Challenge

- Old daily Load data exceeding 400 million records overall daily processed records completed within 19 hours' time extracted from different sources and network elements and complex telecom sources with different type/formats on different time availability "daily/weekly/monthly"
- Old Data Warehouse with performance and data quality issues impacting timely availability of accurate reports
- No Metadata management or business glossary
- Huge Hand Coding and free hand sql used on the old ETL that is breaking any Metadata Lineage analysis

BBI Advantage

- Several Experiences in the start-up projects of new Data Warehouse for Large Organizations – Data Intensive
- Certified and experienced consultants in INFORMATICA, Metadata Management and Data Quality
- Concert Understanding of complex source systems dealing strategy and the optimized way to increase the Extraction DQ issues and common source's gaps.
- Concert experience on END to END EDW Modelling technique
- Concert experience on dealing with a big data volume and performance optimization as well as DWH appliance like Teradata and Oracle Ex.

Ooredoo Telecom Algeria is one of the major players in the telecommunication business in the Algeria market the main Ooredoo Algeria domain is GSM Ooredoo Algeria is part of the global company, Q-Tel International, based in Qatar, which owns and manages about fifteen telecom operators in Middle East and Africa

"BBI. Founded in 2009, BBI is a global information technology consultancy firm serving enterprise businesses in a diverse range of industries. From digital strategies to applications services to big data management and analytics, we've worked with our clients to survive today's business disruptions by providing them data driven digital transformation solutions that really make the change happen."

Results / Benefits

- Move Data Warehouse to near real time for all different transactions data, network Traffic and Prepaid transactions Models.
- Standardize Metadata Management business glossary and definitions across the company as well as providing a standard and integrated platform with a standard/shared metadata objects definitions, zero hand coding/freehand SQL for supporting End to End lineage analysis
- Tangible enhancement in performance of timely availability of Data Warehouse Reports before 7:00 AM for daily load process.
- Enablement of data quality and governance concept across the company starting with the main Data Warehouse KPIS Improvements in Data Quality with enablement with implementation for data quality different rules and Scorecard
- Aligned ETL Migration with the new Systems upgrade.
- Enablement for DWH Team and putting roadmap for EDW strategy and growth

