



## Full Data Migration for ETS UAE DWH

Case study

Client



## Scope

Provide Full Data Migration for ETS UAE DWH from Teradata to IBM Netezza

## Challenge

- Full Data Migration for ETS UAE DWH from Teradata to IBM Netezza pure system
- Challenges:
- Migrate production DWH (Live system)
- The differences between Teradata & Netezza (Data Type, Structure, functions, procedure)
- Data volume is so huge, it's around 50TB
- Traffic jobs 'NRT' processes the average daily data volume 150,000,000
- Teradata performance is so bad this will impact the migration activities
- Old DWH is obsolete and not supporting most of the current Business requirement
- Poor Quality of the DWH data with a poor DWH Performance
- Create the DB objective
- Migrating more than 450 Bteq scripts to Netezza
- Migrate more than 60 DB procedures to Netezza procedures
- No Metadata management or business glossary
- Change whole ETL to read and write on Netezza

### "Etisalat UAE Emirates

Telecommunication Group Company PJSC, is a multinational Emirati based telecommunications services provider, currently operating in 15 countries across Asia, the Middle East and Africa. As of February 2014, Etisalat is the 14th largest mobile network operator in the world, with a total customer base of more than 167 million. Etisalat was named the most powerful company in the United Arab Emirates by Forbes Middle East in 2012.

"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."

## BBI Advantage

- Several Experiences in the start-up projects of new DWH for Large Organizations
- Certified and experienced consultants in DWH and DBs with hand on and standard implementation strategy
- Hands-on expertise with professional layer with ETI & DQ tools in addition to universes and reporting layers an advanced level of proficiency
- Over 200 years of combined experience in telecom DWH

## Results / Benefits

- Defined & implement Database architecture & objects structure
- Defined and implement user security matrix
- Defined the data migration methodology
- Follow the best practices approach for data migration
- Maintain the history data
- Develop and apply the required changes on current ETL to comply the new DB
- Convert and test the database objects
- Enablement of data quality and governance concept
- Detect and fix the data quality issue

