

DATA INTEGRATION FOR A RETAILER



Industry: Retail

Customer Profile

A French retailer with diverse business

Client Situation

- The customer is a retailer with clients and vendors across the world. The customer has provided its vendor and customers access through an online portal. The transactions of the online portal are captured in a MySQL database. Apart from this application, the customer uses Microsoft Navision as their ERP software. The customer has a need to have some data from the Navision ERP to flow into the MySQL database, to be used further in the web portal
- The customer felt the need for a solution which can be used to apply business logic and which offered extendibility and flexibility in design

Technology Used

MySQL,
Pentaho,
SQL Server

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Congruent's Role

- Congruent's role involved developing an ETL module, which includes various interfaces that were built to extract and load data from the source systems to the destination system
- Congruent's role also extended to reengineer the destination warehouse for further data analysis
- Kettle, an open source data integration tool from Pentaho, was deployed as the standard ETL tool

Service Footprint

BI Consulting
Data Integration
Support and Maintenance

Benefits

- Facilitated information retrieval without any disturbance on the operational system
- A smooth flow of data with integrity checks improved data quality at the source
- A flexible solution which can be scheduled
- Easy extendability. When there is a need for newer data structure, the ETL can be extended with little impact
- Open source solution. Customer was using MySQL, and wanted to leverage it instead of new investments and wanted something with a small budget
- Can exploit the full power the analytics and dashboarding of the pentaho suite when there is a need