



Case Study for

Architecture of Enterprise Data Warehouse

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Customer	Confidential
Challenge	A data warehouse system to capture data from heterogeneous production systems and generate reports as per the customer and management requirements.
Technology	Goldengate, Oracle, Informatica, Cognos
Vayu Edge	Out of the box thinking, Domain Expertise and Sound technology base.
Success	Guided training, development of both cutting edge Data Warehouse tools as well as in house tools to automate mundane tasks and an Agile development process lead to successful execution of the project.

The Customer:

The customer is a utility company of international repute.

The Challenge:

The customer sought Vayu's services to architect and develop Enterprise Data Warehouse for dynamic user requirements to generate reports.

The Solution:

Off-the-shelf packages weren't found suitable to meet the specific needs of the company which needed to service dynamic reporting requirements of users. Vayu conceived the solution from multifarious requirements of business users and was responsible for the architecture, design and development. Using the best of breed heterogeneous technologies to meet user requirements, we produced a feasible solution that was amenable to easy maintenance and extensions. Enterprise Data Warehouse is built using cutting edge technologies like Goldengate for real time replication into ODS, Informatica to perform ETL from ODS to EDW as well as Cognos for generating various reports satisfying user requirements. Kimball approach is followed to build several data marts.

Success:

Scalable architecture is laid out to accommodate dynamic user requirements for generating reports using both existing and new data marts.