Success Stories

Here are some of the success stories related to the complex projects executed by our consultants for various clients.

Project – Data warehouse / BI implementation (e-commerce Company)
Environment – Informatica 8, SQL Server, MYSQL, Linux, Windows Server

Client wanted to create an environment for centralized reporting. Our consultants designed and developed a solution using SQL Server database and INFORMATICA 8 ETL tool. Data was collected from multiple data sources (relational and flat files). We designed an incremental load strategy to load data warehouse. After the implementation client was able to get all necessary information related to sales, purchase, inventory, customers and user behavior from a single source.

Project – Database SOX compliance (Networking Company)
Environment – Oracle 8i, 9i, Oracle Applications, Clarify, PeopleSoft, Unix, Linux

Client had many databases having finance and HR information. These databases were not SOX compliant. Many employees had access to these systems thru shared accounts. There was no way to monitor activities done by users on these databases. Our consultants implemented SOX best practices. Implemented right on demand architecture and auditing on actions done by users. After implementing the solution clients databases became SOX compliant and client was able to log, monitor and report on the activities done by users.

Project – Re-architecture of Database (Digital Media Content Management Company)
Environment – Access, MYSQL, Erwin, Windows Server, Flash, PHP

Client had Access database supporting web based digital media content management software. The database was not able to support large number of concurrent users. The database was also not flexible enough to implement new features. Our consultants did a strategy study and re architected the solution on MYSQL database. The new database design was done to support growing user base and to allow easy implementation of new features in the core application. Our consultants did conceptual, logical and physical modeling using data modeling best practices.

Project – Data warehouse (e-commerce Company)
Environment – Oracle 9i, 10g, Oracle warehouse builder 10g, Oracle workflow, XML, Linux, Great Plains

Client required incremental data warehouse load from various production systems. Our consultants designed a near real time data warehouse load solution on Oracle 9i/10g and Oracle Warehouse Builder platform. Data was loaded from production system into ODS and data warehouse was loaded from ODS. Implemented integration solution to integrate data from warehouse to financial application.

Project – Data warehouse and BI solution (State government agency)
Environment – Oracle 9i, Oracle warehouse builder 10g, Oracle workflow, XML, Oracle Streams, Linux

Project required data collection from over 10 sources and complex business logic/transformations to be applied on incoming source data. Our team implemented data warehouse solution on Oracle 9i and Oracle warehouse builder platform. Data was collected every hour from various data sources (flat files, oracle, SQL server and XML files). Consultants also implemented aggregates for faster load of HYPERION cubes.

Project – Web scraping and GIS data analysis (e-commerce Company)
Environment – SQL Server, PostGreSQL (GIS), VelocityScape, Visual basic, ETL

Client required GIS data to be collected from web and also from third party data providers. Our consultants designed a solution using VelocityScape scraping software, SQL server and PosgreSQL (GIS). Data was loaded into staging area where cleansing rules were applied before loading the data into target database. The implementation helped client stream line the process of getting, cleansing and loading huge amounts of raw GIS data into database and then use this data for business intelligence, reporting and analysis.

Project – Data warehouse / BI solution (University)
Environment – Oracle 9i/10g, Informatica, Erwin, PL/SQL, PeopleSoft, Oracle Applications, Business objects

Client wanted an enterprise data warehouse solution which will enable them to create consolidated reports by utilizing data from various departments of the Organization. Our consultants architected a data hub which housed data from various systems at transaction level. Data was correlated and aggregated. Also architected business objects universe, reports and dashboard. Incremental ETL architecture on Informatica and Oracle platform.

Project – Customer marketing database / customer segmentation / exploration (Hi-tech Industry)
Environment – Oracle 9i, Informatica, Erwin, PL/SQL, Clarify, Oracle Apps, FirstLogic, Matrix

Client wanted a solution which will uniquely identify a customer, allow 360 degree view of the customer, allow customer segmentation on various parameters, rank customers not only by monetary value but also on demographics and industry vertical etc. Our consultants designed a consolidated view of customer by extracting customer and customer transactional data from various systems. Data cleansing and matching architecture was designed so that client will be able to identify customer by a unique ID. Transactions from various databases were associated to this unique customer ID allowing client to do data exploration based on various Customer and transactional attributes.

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